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Table 505

	Y79AA1000285	22.27	16.31	18.63	6.85	10.3	7.36	15.47	22.31	18.9	**	-	-
	Y79AA1000295	4.35	2.68	5.01	1.59	3.76	2.11	2.3	2.59	2.22		-	-
5	Y79AA1000307	6.82	4.93	8.12	6.39	9.3	7.36	3	5.88	4.49		-	-
	Y79AA1000313	4.28	2.34	3.94	1.66	3.1	3.25	1.93	2.47	1.62		-	-
	Y79AA1000314	1.57	1.83	4.11	1.4	1.41	0.98	0.87	0.14	1.73		-	-
	Y79AA1000328	3.78	3.39	5.43	2.09	10.7	2.68	3.27	3.33	3.32		-	-
	Y79AA1000334	9.59	9.06	7.49	5.79	6.64	3.5	5.12	3.62	4.02	* **	-	-
	Y79AA1000342	17.48	13.29	18.31	13.02	15.9	13.67	34.2	31.79	30.43	**	-	+
10	Y79AA1000346	17.08	11.48	18.69	8.72	9.82	6.74	5.35	5.97	4.15	* **	-	-
	Y79AA1000347	28.82	26.71	31.26	22.14	31.96	28.74	20.9	20.82	19.69	**	-	-
	Y79AA1000349	15.95	20.35	20.7	17.44	19.4	18.58	5.37	7.08	5.15	**	-	-
	Y79AA1000355	11.9	11.6	17.89	14.98	13.32	9.11	5.25	6.54	7.95	*	-	-
	Y79AA1000368	5.31	4.56	7.88	4.89	6.47	3.77	2.77	3.21	1.95	*	-	-
	Y79AA1000388	9.85	11.63	11.71	9.62	9.75	4.51	5.03	4.57	5.04	**	-	-
15	Y79AA1000392	13.05	13.68	11.25	7.92	12.06	6.34	12.1	13.67	13.52		-	-
	Y79AA1000405	100.68	62.31	79.28	103.67	109.59	81.35	71.19	52.24	66.44		-	-
	Y79AA1000410	8.13	6.1	10.22	6.13	5.36	5.28	4.83	4.8	5.17		-	-
	Y79AA1000420	11.1	11.77	13.46	5.41	8.52	5.43	6.77	7.21	5.64	* **	-	-
	Y79AA1000423	7.61	9.21	8.96	4.46	6.29	5.4	4.36	2.75	3.4	* **	-	-
20	Y79AA1000426	5.75	6.96	10.06	4.68	5.08	3.97	3.38	2.69	2.24	*	-	-
	Y79AA1000432	5.62	5.18	10.2	4.71	5.75	4.03	2.85	3.99	8.12		-	-
	Y79AA1000453	32.42	33.52	37.01	20.21	25.21	18.7	36.98	32.84	33.05	**	-	-
	Y79AA1000465	4.43	1.91	3.14	1.7	4.29	1.76	2.57	2.29	2.11		-	-
	Y79AA1000469	35.31	28.37	27.42	30.17	34.28	32.32	21.89	31.66	24.15		-	-
	Y79AA1000480	11.78	8.51	13.38	5.22	5.02	5.9	5.84	10.93	8.28	*	-	-
25	Y79AA1000502	19.24	16.15	21.16	8.66	14	12.35	16.39	18.08	18.17	*	-	-
	Y79AA1000521	75.16	71.09	84.73	74.85	78.28	67.85	48.04	51.73	45.89	**	-	-
	Y79AA1000534	13.31	15.15	20.4	13.25	14.05	10.71	13.15	11.71	11.75		-	-
	Y79AA1000538	12.36	14.67	20.45	9.58	11.27	5.98	3.97	0	4.64	**	-	-
	Y79AA1000539	15.51	16.32	14.99	9.48	12.74	10.1	5.39	5.2	6.13	* **	-	-
	Y79AA1000540	10.2	7.44	12.08	3.41	6.65	4.39	12.15	10.44	10.32	*	-	-
30	Y79AA1000560	180.34	128.09	149.28	162.08	184.06	150.66	118.75	125.1	108.26		-	-
	Y79AA1000574	12.15	9.72	10.83	5.66	8.8	4.53	10.59	16.21	10.56	*	-	-
	Y79AA1000584	40.28	35.5	37.1	23.89	28.68	25.51	26.96	34.59	37.41	**	-	-
	Y79AA1000589	9.65	4.15	9.45	2.79	3.53	2.1	3.54	8.38	4.6		-	-
	Y79AA1000598	34.26	29.42	37.32	17.43	15.95	16.46	24.99	27.55	21.09	** *	-	-
	Y79AA1000600	44.58	45.66	51.58	51.4	52.23	39.65	32.06	30.08	26.05	**	-	-
35	Y79AA1000609	7.91	6.61	8.76	1.95	5.66	3.3	3.74	4.36	7.05	*	-	-
	Y79AA1000618	20.27	20.13	21.51	6.61	13.31	6.56	19.86	14.92	16.1	**	-	-
	Y79AA1000627	18.35	16.53	18.66	9.09	10.58	9.21	14.78	8.21	19.69	**	-	-
	Y79AA1000636	5.21	2.52	7.03	3.36	4.46	4.2	2.54	3.13	1.94		-	-
	Y79AA1000649	19.51	21.35	25.26	12.58	12.75	9.69	16.99	19.63	19.13	**	-	-
	Y79AA1000656	7.37	5.14	7.46	2.86	2.97	2.28	2.83	3.72	2.99	** *	-	-
40	Y79AA1000673	8.38	7.17	11.58	4.74	3.99	5.74	1.87	4.27	2.18	* *	-	-
	Y79AA1000674	131.64	157.11	127.73	143.89	140.32	116.2	111.11	118.96	120.08		-	-
	Y79AA1000678	22.12	27.62	25.96	12.61	21.55	13.08	21.7	19.94	19.36	*	-	-
	Y79AA1000682	14.62	11.86	13.44	6.55	8.13	6.38	12.74	13.35	11.29	**	-	-
	Y79AA1000683	37.64	24.6	33.28	19.88	16.2	12.73	33.87	33.73	36.17	*	-	-
	Y79AA1000697	46.01	35.33	48.41	23.15	27.46	23.15	15.24	20.88	15.95	* **	-	-
45	Y79AA1000700	3.64	3.69	5.68	3.34	3.06	2.62	3.53	2.27	2.51		-	-
	Y79AA1000702	50.6	33.01	36	23.71	24.96	18.05	18.21	11.97	15.36	* *	-	-
	Y79AA1000704	93.86	71.31	88.5	110.92	93.16	106.68	74.22	61.46	46.95		-	-
	Y79AA1000705	6.23	6.74	7.37	1.82	2.22	2.09	2.28	0.26	2.39	** **	-	-
	Y79AA1000717	8.36	6.77	8.13	4.96	8.96	4.55	2.44	3.74	2.84	**	-	-
	Y79AA1000722	10.83	11.52	10.81	4.97	5.79	3.98	6.28	5.41	5.45	** **	-	-
50	Y79AA1000724	42.59	35.15	44.52	31.42	30.43	23.04	24.2	29.89	31.56	*	-	-
	Y79AA1000726	8.78	4.43	7.31	5.15	4.77	4.25	2.41	3.94	2.09	*	-	-
	Y79AA1000734	5.72	4.05	6.45	2.81	2.76	3.46	2.68	2.98	0.98	*	-	-
	Y79AA1000748	7.45	7.72	6.69	2.89	2.82	2.75	2.52	2.6	2.35	** **	-	-
	Y79AA1000750	41.52	33.1	33.65	18.03	22.65	18.76	26.15	29.63	22.6	** *	-	-
	Y79AA1000752	9.11	9.26	10.14	4.75	3.47	2.23	2.34	2.01	1.29	** **	-	-
55	Y79AA1000774	19.25	18.31	26.89	10.74	13.71	10.53	12.54	14.59	12.73	* *	-	-
	Y79AA1000776	12.05	9.97	9.69	5.12	6.81	2.36	10.58	10.24	7.92	*	-	-
	Y79AA1000777	17.61	11.59	13.15	7.32	8.15	7.21	6.02	5.12	6.68	* *	-	-

Table S06

	Y79AA1000778	20.06	13.62	11.66	10.8	9.69	8.29	13.52	13.51	12.96			
	Y79AA1000782	11.43	7.55	9.19	7.76	8.46	7.38	6.62	5.21	4.82	*		
5	Y79AA1000784	13.14	10.21	12.84	4.67	6.08	6.71	10.7	9.6	9.71	**		
	Y79AA1000794	46.19	39.88	38.82	22.35	24.71	16.75	37.28	33.24	34.17	**		
	Y79AA1000800	7.18	3.91	5.09	0.48	0.36	0.17	2.34	0	0	**	*	
	Y79AA1000802	11.45	13.12	10.85	5.78	8.8	4.96	3.89	4.75	3.77	*	**	
	Y79AA1000805	21.22	18.33	12.77	6.7	11.14	4.1	15.87	12.52	16.72	*		
	Y79AA1000814	27.49	21.74	19.65	16.59	17.35	12.96	22	17.22	22.17	*		
10	Y79AA1000823	14.24	7.73	9.85	4.94	4.36	5.06	6.73	6.96	8.36	*		
	Y79AA1000824	16.24	10	9.76	8.11	9.28	6.16	6.82	5.83	8.72	*		
	Y79AA1000827	9.71	3.82	4.6	3.63	3.22	2.56	3.51	2.06	2.83	*		
	Y79AA1000831	7.38	5.79	7.27	4.13	3.32	2.68	4.43	0.57	1.26	**	*	
	Y79AA1000833	22.35	19.25	16.88	12.38	7.9	8.89	19.38	11.86	18.04	**		
	Y79AA1000850	33.44	40.57	26.99	19.52	21.81	14.62	28.93	23.5	32.01	*		
15	Y79AA1000856	6.26	7.4	4.9	2.81	6.29	2.12	4.31	2.48	3.63	*		
	Y79AA1000862	8.84	4.04	5.05	7.04	4.31	3.07	5.61	5.34	5.05	*		
	Y79AA1000876	21.17	10.25	11.73	7.67	6.82	6.01	5.79	7.01	6	*		
	Y79AA1000888	32.02	25.94	21.68	17.64	17.29	12.59	18.41	20.33	23.17	*		
	Y79AA1000902	6.26	5.68	6.17	4.27	4.4	2.72	2.73	2.97	2.19	*	**	
20	Y79AA1000935	76.11	52.08	52.32	70.65	71.58	69.22	39.77	35.2	32.3	*		
	Y79AA1000959	48.22	40.7	37.08	25.45	33.48	19.11	26.33	21.44	21.93	*	**	
	Y79AA1000962	46.82	45.31	38.99	22.79	24.29	17.48	60.82	38.12	53.14	**		
	Y79AA1000963	25.33	35.17	19.37	13.71	17.32	12.79	14.75	14.39	13.92	*		
	Y79AA1000966	41.31	37.86	31.25	27.6	23.69	23.7	32	18.68	25.22	*		
	Y79AA1000967	19.13	9.69	10.03	8.88	7.99	4.65	1.27	8.2	0.25	*		
25	Y79AA1000968	25.81	16.48	14.41	11.57	12.79	6.94	25.2	19.6	28.68	*		
	Y79AA1000969	40.02	39.97	33.37	23.55	39.74	36.04	32.93	30.52	18.66	*		
	Y79AA1000976	22.75	15.17	16.99	14.98	19.84	15.88	14.85	10.98	11.26	*		
	Y79AA1000978	8.83	7.09	6.8	4.57	5.39	2.66	4.35	3.43	4.33	*	**	
	Y79AA1000985	8.02	3.9	5.83	4.32	4.39	1.76	4.37	2.17	1.99	*		
	Y79AA1000989	295.68	243.92	218.77	78.52	138.6	77.87	70.03	46.49	61.43	**	**	
30	Y79AA1000991	12.26	8.35	10.64	5.63	5.93	8.76	7.23	8.65	6.01	*		
	Y79AA1001013	42.37	37.07	51.31	24.72	27.17	18.23	24.27	34.59	22.31	*	*	
	Y79AA1001014	16.53	17.99	19.41	12.93	20.24	14.74	13.35	18.92	15.51	*		
	Y79AA1001019	8.07	6.21	8.29	4.14	6.05	5.04	2.84	6.3	3.51	*	*	
	Y79AA1001020	13.89	16.72	13.86	21.03	12.53	10.76	9.5	10.16	11.46	*		
	Y79AA1001023	7.28	6.24	9.28	4.31	8.03	5.29	3.01	3.87	2.51	*		
35	Y79AA1001030	28.41	43.95	33.86	36.62	21.08	22.74	16.86	22.85	18.21	*		
	Y79AA1001035	10.6	13.73	10.93	9.68	10.73	7.69	7.26	7.72	8.91	*		
	Y79AA1001041	14.5	11.14	15.3	8.73	9.98	7.28	9.17	13.51	15.31	*		
	Y79AA1001043	22.79	19.12	22.36	8.78	13.48	10.29	9.42	13.86	17.78	**	*	
	Y79AA1001048	12.86	13.5	12.88	6.65	11.19	7.59	6.44	7.55	6.3	*	**	
	Y79AA1001056	6.67	9.77	12.37	5.42	9.5	6.82	2.1	3.99	2.72	*		
40	Y79AA1001061	11.12	17.1	15.18	5.75	10.72	7.78	8.04	10.36	12.77	*		
	Y79AA1001062	4.7	4.96	6.24	2.95	3.71	2.56	2.92	2.19	2.28	*	**	
	Y79AA1001068	6.22	3.59	5.75	4.34	5.98	4.49	3.29	3.38	3.07	*		
	Y79AA1001073	17.6	17.56	20.08	5.98	13.24	7.19	16.17	13.71	20.42	*		
	Y79AA1001077	7.3	2.86	6.26	7.08	4.43	3.45	1.86	5.22	1.86	*		
	Y79AA1001078	7.29	5.05	6.25	3.73	4.63	2.99	3.3	5.06	3.66	*		
45	Y79AA1001081	7.84	5.5	8.85	3.05	3.81	3.52	2.8	3.1	3.74	*	*	
	Y79AA1001088	36.17	40.23	42.34	24.5	22.27	19	24.36	30.84	32.13	**	*	
	Y79AA1001089	332.88	366.62	308.34	284.36	390.54	406.65	237.36	376.46	392	*		
	Y79AA1001090	7.05	4.26	8.66	4.12	3.36	2.71	3.39	1.8	2.5	*		
	Y79AA1001105	22.53	22.64	23.57	8.51	14.07	9.94	17.11	15.32	15.62	**	**	
	Y79AA1001142	114.5	98.72	131.88	102.55	114.58	143.24	69.56	60.81	74.51	*		
50	Y79AA1001145	98.33	98.57	100.63	125.36	121.38	91.71	78	59.2	74.76	**		
	Y79AA1001162	126.48	83.55	107.65	92.38	93.62	73.32	97.56	124.59	105.84	*		
	Y79AA1001167	12.61	7.85	13.06	7.92	8.62	6.56	7.15	16.96	9.58	*		
	Y79AA1001176	75.12	80.1	84.48	76.52	65.54	64.34	46.71	59.03	47.45	**		
	Y79AA1001177	8.46	7.48	10.23	4.06	5.51	3.51	3.45	4.68	2.96	*	**	
	Y79AA1001179	54.1	53.61	67.63	28.64	33.09	26.42	13.82	47.33	10.91	**		
55	Y79AA1001185	32.79	30.94	36.04	15.68	21.34	16.32	19.9	17.65	25.06	**	**	
	Y79AA1001201	45.08	50.33	41.06	13.71	31.35	17.81	48.16	43.78	38.95	*		
	Y79AA1001205	18.73	12.88	21.83	8.38	8.46	6.14	7.31	11.86	11.81	*		

Table 507

	Y79AA1001211	21.15	21.66	22.83	13.08	12.91	10.43	0.44	20.18	19.17	**	-	-
	Y79AA1001212	128.68	116.33	107.84	151.9	151.84	105.91	80.87	83.57	67.14	**	-	-
5	Y79AA1001216	31.68	27.07	33.84	18.3	19.09	14.63	17.05	18.24	23.12	**	*	-
	Y79AA1001228	7.97	5.25	12.95	3.35	3.4	3.64	3.41	10.17	4.89			
	Y79AA1001233	8.26	6.53	16.79	3.45	3.77	2.51	2.28	3.79	3.13			
	Y79AA1001236	8.84	5.25	11.14	5.02	5.53	3.13	4.08	4.7	2.24			
	Y79AA1001239	74.22	59.48	53.54	45.62	83.11	43.05	50.35	42.44	46.18			
	Y79AA1001240	70.83	49.07	64.4	30.83	35.04	20.32	48.49	59.48	54.67	*	-	-
10	Y79AA1001255	8.89	10.29	10.55	7.47	6.78	6.42	0.72	6.35	0.76	**	*	-
	Y79AA1001264	14.2	10.19	13.36	9.71	10.05	8.67	4.58	4.84	6.39	**	*	-
	Y79AA1001272	15.16	12.6	13.5	3.77	6.76	5.59	8.86	7.59	6.53	**	**	-
	Y79AA1001281	8.87	7.72	6.68	4.17	4.8	3.47	2.65	2.22	2.28	**	**	-
	Y79AA1001299	9.39	10.08	9.6	4.21	5.3	4.49	3.28	3.68	3.29	**	**	-
	Y79AA1001312	40.47	42.72	35.81	17.92	27.92	14.77	29.7	20.85	26.67	*	*	-
15	Y79AA1001319	31.92	23	20.23	23.19	28.4	16.86	30.43	20.02	18			
	Y79AA1001323	32.99	27.82	34.32	14.07	19.03	14.31	25.9	23.32	27.9	**	-	-
	Y79AA1001328	28.33	16.1	28.16	14.56	12.93	12.69	4.94	7.51	4.42	*	-	-
	Y79AA1001343	12.56	8.01	10.99	6.43	7.59	7.49	6.83	9.08	8.27			
	Y79AA1001351	6.64	4.21	8.23	2.99	1.8	1.8	2.08	2.52	1.68	*	*	-
20	Y79AA1001364	8.06	5.02	6.85	3.26	2.98	2.12	4.06	2.93	1.74	*	*	-
	Y79AA1001367	145.27	118.42	143.46	117.7	132.8	94.77	76.65	57.61	66.99	**	-	-
	Y79AA1001384	45.86	52.17	41.89	27.43	34.83	21.42	31.33	29.86	26.76	*	**	-
	Y79AA1001391	10.96	12.22	10.34	2.99	9.55	4.77	7.43	7.31	6.01	**	-	-
	Y79AA1001394	24.73	14.05	14.28	9.7	6.32	9.07	6.42	10.16	9.01			
	Y79AA1001402	12.42	7.77	9.12	5.62	4.8	4.67	4.74	3.87	4.52	*	*	-
25	Y79AA1001410	5.24	2.77	3.09	3.28	1.53	1.95	2.62	0.78	1.99			
	Y79AA1001414	27.49	18.53	20.44	10.78	9.47	10.2	16.16	13.43	11.92	*	*	-
	Y79AA1001426	271.77	221.23	225.78	200.19	221.07	217.77	202.63	211.55	197.64			
	Y79AA1001427	15.18	10.97	10.9	6.77	10.81	5.39	6.71	6.07	6.74	*	-	-
	Y79AA1001430	22.25	17.58	19.52	10.25	13.63	7.85	11.32	11.76	10.84	*	**	-
	Y79AA1001439	6.75	4.58	4.31	2.6	4.23	1.25	2.94	2.35	2.98	*	-	-
30	Y79AA1001485	17.57	9.99	14.92	13.26	10.56	8.25	5.32	10.37	14.36			
	Y79AA1001493	20.47	12.23	13.25	9.02	11.27	6.64	13.37	13.83	16.06			
	Y79AA1001511	14.52	8.05	9.32	8.33	6.58	5.82	5.2	6	5.96			
	Y79AA1001523	10.03	6.72	7.33	6.48	4.81	3.84	4.54	3.21	2.59	*	-	-
	Y79AA1001530	11.44	7.57	8.59	6.64	8.84	5.29	6.2	7.76	5.77			
	Y79AA1001532	13.55	14.73	11.04	5.35	5.16	4.93	5.08	4.52	6.49	**	**	-
35	Y79AA1001533	56.5	68.51	50.9	29.97	36.82	26.82	69.28	61.19	56.58	*	-	-
	Y79AA1001541	8.12	8.52	5.25	4.02	4.89	2.24	4.69	2.24	2.18	*	*	-
	Y79AA1001548	67.38	47.55	44.48	30.61	26.42	21.82	46.07	51.22	51.86	*	-	-
	Y79AA1001555	14.35	9.75	8.13	8.86	4.86	4.97	8.19	7.68	10.98			
	Y79AA1001562	18.44	13.73	12.82	8.99	10.6	7.19	10.2	9.39	15.75	*	-	-
	Y79AA1001581	24.34	18.91	17.62	9.8	12.04	10.4	15.9	9.96	16.33	*	-	-
40	Y79AA1001585	30.32	20.83	22.83	20.22	25.12	15.45	0.69	15.13	0.14	*	-	-
	Y79AA1001592	28.53	25.65	26.36	29.33	16.66	7.28	20.69	8.44	14.72	*	-	-
	Y79AA1001594	23.28	21.85	24.28	14.25	15.59	10.11	22.55	14.53	20.27	**	-	-
	Y79AA1001603	12.47	11.04	10.84	6.8	11.48	6.78	22.63	14.33	27.5			
	Y79AA1001613	25.09	18.27	18.81	23.47	16.84	13.34	20.3	16.35	18.99			
	Y79AA1001630	22.94	13.91	12.22	13.14	13.53	8.02	11.73	12.98	17.67			
45	Y79AA1001647	33.54	24.86	22.66	23.22	25.84	16.49	26.93	21.3	26.55			
	Y79AA1001664	12.2	10.56	13.13	7.78	6.05	5.54	10.34	8.1	11.69	**	-	-
	Y79AA1001665	11.52	9	9.75	6.87	7.31	6.13	5.92	6.12	7.69	*	*	-
	Y79AA1001679	24.51	18.98	17.88	11.13	12.84	9.27	24.02	13.28	18.8	*	-	-
	Y79AA1001692	7.23	6.72	8.1	2.24	2.83	2.63	3.64	2.31	3.06	**	**	-
	Y79AA1001696	14.23	12.31	9.21	5.29	8.48	4.67	14.27	13.28	13.01	*	-	-
50	Y79AA1001705	12.04	11.4	8.55	9.76	11.8	6.21	4.61	5.98	4.57	**	-	-
	Y79AA1001711	13.72	7.72	10.63	6.49	4.11	3.08	6.08	4.06	7.4	*	-	-
	Y79AA1001717	4.71	1.55	3.26	3.34	1.71	0.7	1.49	1.63	1.39			
	Y79AA1001719	22.12	12.72	16.33	9.89	12.72	6.53	12.21	11.1	11.76			
	Y79AA1001727	38.96	27.16	22.35	13.65	17.35	9.31	38.01	28.39	34.23	*	-	-
	Y79AA1001750	21.5	17.52	18.42	10.15	15.4	8.01	11.94	9.9	11.41	*	**	-
55	Y79AA1001760	127.24	115.03	77.78	58.26	73.6	43.62	140.25	100.84	138.73	*	-	-
	Y79AA1001777	6.77	6.32	6.37	2.57	5.24	2.48	5.26	4.15	4.71	*	**	-
	Y79AA1001781	2.86	2.24	2.15	1.61	1.86	2.65	0.74	1.53	1.3	*	-	-

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	Y79AA1001787	5.04	3.62	6.16	2.83	4.49	3.23	3.33	2.97	2.01			
	Y79AA1001793	120.15	97.84	90.95	70.69	108.02	70.38	56.01	50.79	40.18	**	-	
	Y79AA1001795	5.66	5.4	6.21	4.2	5.9	3.1	3.91	2.49	2.28	**	-	
5	Y79AA1001799	15.09	14.95	16.22	8.14	9.02	8.13	5.96	8.67	5.96	**	**	-
	Y79AA1001800	25.64	16.41	26.8	14.68	31.06	13.67	17.04	13.04	14.7			
	Y79AA1001801	18.54	13.81	14.73	8.69	14.72	7.61	10.02	6.35	8.81	*	-	
	Y79AA1001803	4.48	5.85	6.44	4.5	2.73	1.98	4.84	2.96	2.69			
	Y79AA1001805	40.28	26.89	34.51	17.56	11.83	10.76	12.11	14.87	11.59	**	**	-
	Y79AA1001807	42.38	40.49	41.45	39.87	44.56	37.42	30.19	22.76	22.12	**	**	-
10	Y79AA1001827	9.32	11.28	9.81	8.01	8.55	6.58	5.41	8.86	5.83	*	*	-
	Y79AA1001846	22.14	19.33	18.59	11.82	17.37	13.61	12.56	15.77	9.7	*	*	-
	Y79AA1001848	8.04	9.99	9.11	5.33	6.98	5.01	6.65	6.63	5.92	*	*	-
	Y79AA1001853	10.87	10.1	9.06	5.77	8.29	4.56	4.63	5.75	4.91	*	**	-
	Y79AA1001863	24.97	27.27	22.17	17.04	22	11.97	13.95	21.02	18.07	*	-	
15	Y79AA1001866	13.46	10.72	11.93	6.28	4.52	4.93	6.56	4.65	4.51	**	**	-
	Y79AA1001874	2.1	1.41	2.93	0.78	1.08	0.95	1.46	1.22	1.08			
	Y79AA1001875	31.78	22.74	37.59	12.11	19.59	16.03	9.16	15	14.61	*	*	-
	Y79AA1001907	517.52	778.32	567.93	750.86	875.67	821.68	479.34	605.65	529.63			
	Y79AA1001908	5.27	6.69	9.96	3.58	5.35	3.25	2.93	3.09	1.48	*	-	
	Y79AA1001923	8.48	16.75	14.8	9.28	7.65	6.34	6.48	6.75	5.36	*	-	
20	Y79AA1001927	18.05	21.6	19.1	12.29	16.25	12.12	14.45	14.01	14.79	*	**	-
	Y79AA1001930	12.23	24.48	15.86	10.91	18.16	6.72	4.54	5.11	5.37	*	-	
	Y79AA1001932	61.74	56.58	52.19	37.44	49.06	33.54	58.52	51.29	51.59	*	-	
	Y79AA1001933	9.52	6.51	10.88	6.04	6.05	6.44	4.27	11.51	4.91			
	Y79AA1001942	10.76	6.66	7.93	7.97	5.94	4.4	3.29	2.7	3.99	*	-	
	Y79AA1001963	138.12	106.9	117.87	95.52	130.54	91.9	83.12	67.08	69.04	*	-	
25	Y79AA1001968	147.27	91.21	62.32	82.32	49.63	76.26	20.14	2.41	10.4	*	-	
	Y79AA1001983	12.1	16.25	14.99	5.06	8.59	7.83	3.08	3.73	3.02	*	**	-
	Y79AA1002000	8.87	9.86	16.46	6.28	9.55	3.45	4.66	4.84	4.51	*	-	
	Y79AA1002004	46.17	58.66	37.42	34.61	47	15.44	17.13	16.13	8.67	**	-	
	Y79AA1002008	16.52	21.1	20.83	11.85	16.14	12.02	7.95	15.74	18.89	*	-	
	Y79AA1002012	13.85	12.54	10.41	5.85	6.84	6.65	8.76	11.21	9.52	**	-	
30	Y79AA1002017	15.21	10.94	15.42	6.73	12.23	8.22	1.29	15.64	2.06			
	Y79AA1002022	42.57	32.77	37.11	21.13	22.85	16.91	21.09	21.59	19.22	**	**	-
	Y79AA1002027	10.35	8.04	15.25	2.11	4.6	4.84	5.16	2.67	4.2	*	*	-
	Y79AA1002050	13.21	11.11	14.39	7.26	8.9	5.9	6.9	7.16	7.33	*	**	-
	Y79AA1002058	167.29	130.21	156.91	193.04	186.39	149.95	127.37	93.56	137.15			
	Y79AA1002060	54.35	76.53	61.68	36.08	41.21	29.16	24.43	9.99	5.28	*	**	-
35	Y79AA1002062	49.46	32.53	50.05	16.65	20.72	17.6	35.11	28.1	35.48	*	-	
	Y79AA1002065	113.45	69.34	64.62	65.01	102.96	72.96	82.29	90.04	44.91			
	Y79AA1002067	33.46	37.19	43.9	21.85	20.1	22.68	15.4	10.55	10.37	**	**	-
	Y79AA1002069	5.33	3.94	7.12	3.04	1.49	2.47	3.1	3.24	2.29	*	-	
	Y79AA1002070	67.39	142.78	83.33	77.38	149.87	86.41	153.3	88.92	78.17			
	Y79AA1002074	1225	1102	498.16	721.59	1162.7	771.32	764.45	491.49	312.45			
40	Y79AA1002076	8.24	11.39	15.58	4.01	6.13	3.99	13	9.01	11.16	*	-	
	Y79AA1002083	11.94	6.94	9.48	4.49	4.53	3.15	4.48	1.37	1.78	*	*	-
	Y79AA1002084	20.05	13.84	17.88	7.41	8.36	6.24	10.42	8.8	8.13	**	*	-
	Y79AA1002086	15.57	8.01	9.58	4.16	3.65	3.41	3.6	4.3	3.59	*	*	-
	Y79AA1002087	265.36	258.38	345.6	296.44	355.85	246.9	347.62	322.78	317.34			
	Y79AA1002089	15.8	12.04	15.08	6.67	9.17	6.14	12.29	9.32	9.91	**	-	
45	Y79AA1002093	13.66	12.64	9.33	5.35	6.21	4.47	3.01	2.8	2.57	**	**	-
	Y79AA1002101	6.58	7.04	8.08	3.07	2.77	1.96	3.3	4.71	1.2	**	*	-
	Y79AA1002103	11.98	11.79	10.9	4.11	5.96	4.92	4.54	2.99	2.4	**	**	-
	Y79AA1002115	15.51	18.46	14.58	9.3	11.82	8.45	4.13	9.04	5.86	*	**	-
	Y79AA1002121	6.93	5.28	6.92	6.7	3.27	4.36	3.58	3.01	3.29	**	-	
	Y79AA1002125	40.85	21.04	26.11	14.22	18.4	17.66	12.21	8.56	11.75	*	-	
50	Y79AA1002129	7.76	7.25	11.87	4.36	3.94	3.2	3.76	3.8	4.37	*	*	-
	Y79AA1002131	5.89	3.57	4.65	1.58	2.79	2.27	3.32	1.61	2.75	*	-	
	Y79AA1002139	8.48	7.22	6.23	4.06	4.42	2.47	3.44	3.86	2.67	*	**	-
	Y79AA1002144	53.23	47.33	47.13	32.96	42.65	28.86	30.69	36.28	25.23	*	**	-
	Y79AA1002177	14.09	13.17	13.65	5.87	6.08	5.05	5.82	4.1	4.34	**	**	-
55	Y79AA1002183	76.21	99.47	69.64	24.87	40.12	25.67	26.7	15.32	11.38	**	**	-
	Y79AA1002202	29.69	18.4	18.04	8.22	10.65	9.82	13.41	13.22	16.71	*	-	
	Y79AA1002204	4.17	2.23	3.23	5.04	1.05	2.68	3.28	2.4	2.69			

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	Y79AA1002206	7.86	6.79	4.86	2.41	3.6	5.74	5.49	1.51	2.8				
	Y79AA1002208	21.91	17.64	15.14	5.6	4.07	5.57	6.81	5.17	2.55	**	**	-	-
5	Y79AA1002209	14.82	11.28	11.86	6.23	4.7	2.82	4.71	1.33	3.18	**	**	-	-
	Y79AA1002210	13.64	7.39	7.59	9.08	4.62	5.18	20.5	2.05	6.37				
	Y79AA1002211	11.76	19.59	13.47	10.43	6.65	6.52	12.32	8.42	11.25				
	Y79AA1002213	40.78	31.99	22.96	18.41	26.57	14.98	45.88	32.4	41.97				
	Y79AA1002215	54.92	41.69	39.55	24.88	24.36	11.26	37.49	23.6	35.98	*		-	-
10	Y79AA1002220	17.03	11.5	20.58	7.13	5.68	5.31	4.57	4.8	6.51	*	*	-	-
	Y79AA1002226	48.55	31.27	31.34	7.35	12.72	13.65	9.19	6.65	11.13	*	**	-	-
	Y79AA1002229	7.88	6.84	5.37	6.02	4.67	2.85	3.67	2.52	3.73	*	*	-	-
	Y79AA1002234	20.83	13.27	12.39	9.34	6.36	3.6	6.9	3.36	5.84	*	*	-	-
	Y79AA1002235	28.03	23.84	21.24	15.07	14.87	9.39	10.75	8.42	13.64	*	**	-	-
15	Y79AA1002246	9.72	14.9	10.35	5.25	6.99	4.12	8.31	3.82	6.69	*		-	-
	Y79AA1002258	12.35	12.02	7.88	7.82	11.57	8.55	9.77	4.5	4.81				
	Y79AA1002279	51.52	49.19	41.11	5.28	2.78	2.07	15.99	20.03	22.13	**	**	-	-
	Y79AA1002292	13.64	7.58	4.14	5.73	4.43	2.94	6.45	6.01	8.36				
	Y79AA1002298	9.43	8.29	4.77	3.29	5.48	4.2	4.42	4.85	3.79				
	Y79AA1002307	9.31	8.07	6.62	3.9	4.4	2.44	5.17	1.76	2.58	*	*	-	-
20	Y79AA1002309	8.88	7.96	8.79	3.32	4.26	2.83	4.23	2.88	3.97	**	**	-	-
	Y79AA1002311	16.51	9.27	11.76	6.9	6.2	3.45	7.45	3.09	6.4	*		-	-
	Y79AA1002334	13.05	8.36	7.7	5.13	4.89	3.36	5.91	4.32	5.92	*		-	-
	Y79AA1002351	13.61	12.49	9.42	7.1	4.15	6.19	7.95	4.93	5.8	*	*	-	-
	Y79AA1002355	31.74	30.6	21.85	12.21	15.81	9.74	20.54	18.29	18.48	*	*	-	-
25	Y79AA1002361	23.42	15.4	18.02	12.53	10.73	6.85	25.86	17.1	25.5	*		-	-
	Y79AA1002365	12.42	6.37	7.19	3.15	4.11	3.03	4.29	4.74	4.01				
	Y79AA1002373	8.95	6.89	5.46	5.13	4.81	3.4	9.6	4.57	7.84				
	Y79AA1002376	1550.5	2569.2	1680.8	462.62	827.86	616.71	1477.6	1040.3	1062.1	*		-	-
	Y79AA1002378	20.24	17.32	13.54	5.14	9.41	4.23	19.28	11.07	16.88	*		-	-
	Y79AA1002381	116.11	128.86	74.48	110.66	141.78	92.68	155.95	123.08	170.94				
30	Y79AA1002388	33.4	33.3	27.31	13.85	26.75	11.62	21.29	16.32	21.24	*		-	-
	Y79AA1002399	11.13	8.22	7.72	4.28	5.54	4.87	7.56	5.9	6.25	*		-	-
	Y79AA1002407	12.66	14.43	18.13	7.72	14.18	6.84	5.83	9.78	4.59	*	*	-	-
	Y79AA1002413	16.98	12.77	14.95	6.14	9.13	4.62	8.44	10.73	7.99	*	*	-	-
	Y79AA1002416	7.52	8.19	8.76	5.47	10.72	5.8	8.2	6.05	6.59				
	Y79AA1002429	17.73	18.61	8.81	5.82	10.24	4.73	3.65	6.89	5.66	*		-	-
35	Y79AA1002431	3.38	3.05	6.2	3.01	5.89	1.6	2.81	2.79	1.69				
	Y79AA1002433	9.94	11.67	9.29	5.11	5.57	3.18	3.49	4.6	3.87	**	**	-	-
	Y79AA1002445	33.47	25.62	23.49	15.99	10.87	7.02	18.92	25.26	13.87	*		-	-
	Y79AA1002461	7.94	6.22	7.84	3.36	7.35	4.7	3.49	2.25	3.85	**	**	-	-
	Y79AA1002466	778.44	339.4	681.02	542.56	499.15	369	592.67	971	768.71				
40	Y79AA1002471	11.38	8.13	15.35	12.81	13.4	11.43	4.94	6.06	4.47	*		-	-
	Y79AA1002472	31.22	33.06	31.17	18.15	21.85	9.34	16.29	20.14	20.03	*	**	-	-
	Y79AA1002474	10.68	12.29	10.71	6.77	7.3	7.75	3.17	7.37	4.86	**	*	-	-
	Y79AA1002482	30.09	33.68	36.63	19.02	23.45	17.38	21.9	25.81	23.08	**	*	-	-
	Y79AA1002487	8.33	8.29	7.43	7.28	8.45	6.44	5.34	3.78	3.86	**	**	-	-
45	Y79AA1002490	143.18	106.89	117.63	56.22	71.49	57.31	59.76	51.39	52.37	**	**	-	-
	Y79AA1002493	44.75	41.56	40.36	20.64	28.52	19.33	38.02	46.19	46.7	**	**	-	-
	ZRV6C1006278	5.26	7	5.52	3.16	2.97	2.19	2.99	2.6	2.72	**	**	-	-

EXAMPLE 16

Selection of novel cDNA clones from cDNA libraries prepared by oligo-capping method

[0246] The following 54 clones were newly selected from cDNA libraries prepared by oligo-capping method, based on the criterion that the 5'-end sequence of a cDNA clone contained a coding region which was initiated with ATG codon and which encoded 50 amino acids or more:

HEMBA1000497, HEMBA1001750, HEMBA1003854, HEMBA1004193, HEMBA1004860, HEMBA1005572, HEMBA1006038, HEMBA1006092, HEMBA1006406, HEMBA1006650, HEMBA1006812, HEMBB1000672, HEMBB1001197, HEMBB1001871, MAMMA1001252, MAMMA1002094, NT2RM4000634, NT2RM4000657,

NT2RM4000783, NT2RM4000857, NT2RM4001178, NT2RM4002420, NT2RP2000198, NT2RP2000551,
 NT2RP2000660,
 NT2RP2001214, NT2RP2001460, NT2RP2001756, NT2RP2002056, NT2RP2002677, NT2RP2002755,
 NT2RP2002843, NT2RP2003101, NT2RP2003799, NT2RP2004095, NT2RP2004732, NT2RP2004920,
 5 NT2RP2005454, NT2RP2005776, NT2RP2005806, NT2RP2005882, NT2RP3001282, NT2RP3001723,
 NT2RP3002099, NT2RP3003155, NT2RP3004028, OVARC1000008, OVARC1000724, OVARC1000751,
 OVARC1001029, PLACE1000814, PLACE1003030, PLACE1005549, PLACE1007218.

Among them, the following 23 clones was predicted to contain a coding region encoding 100 amino acids or more:
 HEMBA1000497, HEMBA1003854, HEMBA1004193, HEMBA1006812, HEMBB1001871, NT2RM4000657,
 10 NT2RM4001178, NT2RP2001756, NT2RP2002677, NT2RP2002755, NT2RP2002843, NT2RP2004095,
 NT2RP2004920, NT2RP2005806, NT2RP3001282, NT2RP3002099, NT2RP3003155, OVARC1000724,
 OVARC1001029, PLACE1000814, PLACE1003030, PLACE1005549, PLACE1007218. This indicates that the clones
 encode proteins.

[0247] Table 510 shows maximal ATGprl value determined for each clone. Since the respective maximal ATGprl
 15 values for HEMBA1006812, HEMBB1001871 and NT2RRP3001282 are higher than 0.3, the clones would be full-
 length. Other clones indicated below have maximal ATGprl values of 0.3 or less, and this means that the fullness ratios
 of the clones are low.

However, the sequences can still be full-length: HEMBA1000497, HEMBA1001750, HEMBA1003854,
 HEMBA1004193, HEMBA1004860, HEMBA1005572, HEMBA1006038, HEMBA1006092, HEMBA1006406,
 20 HEMBA1006650, HEMBB1000672, HEMBB1001197, MAMMA1001252, MAMMA1002094, NT2RM4000634,
 NT2RM4000657, NT2RM4000783, NT2RM4000857, NT2RM4001178, NT2RM4002420, NT2RP2000198,
 NT2RP2000551, NT2RP2000660, NT2RP2001214, NT2RP2001460, NT2RP2001756, NT2RP2002056,
 NT2RP2002677, NT2RP2002755, NT2RP2002843, NT2RP2003101, NT2RP2003799, NT2RP2004095,
 NT2RP2004732, NT2RP2004920, NT2RP2005454, NT2RP2005776, NT2RP2005806, NT2RP2005882,
 25 NT2RP3001723, NT2RP3002099, NT2RP3003155, NT2RP3004028, OVARC1000008, OVARC1000724,
 OVARC1000751, OVARC1001029, PLACE1000814, PLACE1003030, PLACE1005549, PLACE1007218

[0248] Table 511 (same as Table 2) shows SEQ ID NOs of the nucleotide sequences located at the 5'-end and 3'-
 end of each of the 54 clones and the corresponding plasmid clone, which was obtained herein, containing a polynu-
 cleotide as an insert. SEQ ID NO for a 5'-end sequence is indicated on the right side of the corresponding Sequence
 30 name of 5'-end sequence, and SEQ ID NO for a 3'-end sequence is indicated on the right side of the corresponding
 Sequence name of 3'-end sequence.

[0249] Swiss-Prot was searched for data homologous to the 5'-end sequences of the selected 54 clones, and Gen-
 Bank and UniGene were searched for data homologous to the 5'-end and 3'-end sequences of the same clones. The
 search results are indicated as Homology search results 1-7 in the last part of this SPECIFICATION.

[0250] Based on the matching data obtained by the search, 7 clones presumably encode proteins belonging to any
 35 of the categories of secretory or membrane proteins, glycoproteins, signal transduction-associated proteins, transcrip-
 tion-associated proteins, disease-associated proteins, and protein synthesis- and/or protein transport-associated pro-
 teins. These were clones exhibiting relatively low homology to any of known proteins belonging to said categories.
 Here, the term "relatively low homology" means that a nucleotide sequence does not satisfy the conditions under which
 40 the nucleotide sequence exhibits "relatively high homology" (which means that, when the nucleotide sequence is com-
 pared with the known sequences in Swiss-Prot database, the sequence identity is 60% or higher and the P value is
 10^{-10} or less) and that, when the nucleotide sequence is compared with the known sequences in Swiss-Prot database,
 the sequence to be compared contains 55 nucleotides or more, the sequence identity is 25% or higher, and the P value
 is 10^{-6} or less.

[0251] Among the 7 clones, clones presumably encoding proteins belonging to the category of secretory or mem-
 45 brane proteins are the two clones, HEMBB1001871 and NT2RM4000857 (which also belong to other categories);
 clones presumably encoding proteins belonging to the category of glycoproteins are the two clones, HEMBB1001871
 and NT2RM4000857 (which also belong to other categories); a clone presumably encoding a protein belonging to the
 category of signal transduction-associated proteins is PLACE1005549; clones presumably encoding proteins belonging
 50 to the category of transcription-associated proteins are the three clones, HEMBA1005572, NT2RP2001756, and
 NT2RP2005776; a clone presumably encoding a protein belonging to the category of disease-associated proteins is
 NT2RM4000857 (which also belong to other categories); a clone presumably encoding a protein belonging to the
 category of protein synthesis- and/or protein transport-associated proteins is HEMBA1001750 (see Examples 12).

Table 510

The maximal ATGpr1 value of each clone selected in Example 16

clone name	name of sequence	maximal ATGpr1 score
HEMBA1000497	F-HEMBA1000497	0.25
HEMBA1001750	F-HEMBA1001750	0.08
HEMBA1003854	F-HEMBA1003854	0.23
HEMBA1004193	F-HEMBA1004193	0.22
HEMBA1004860	F-HEMBA1004860	0.29
HEMBA1005572	F-HEMBA1005572	0.24
HEMBA1006038	F-HEMBA1006038	0.29
HEMBA1006092	F-HEMBA1006092	0.28
HEMBA1006406	F-HEMBA1006406	0.26
HEMBA1006650	F-HEMBA1006650	0.22
HEMBA1006812	F-HEMBA1006812	0.71
HEMBB1000672	F-HEMBB1000672	0.24
HEMBB1001197	F-HEMBB1001197	0.22
HEMBB1001871	F-HEMBB1001871	0.94
MAMMA1001252	F-MAMMA1001252	0.29
MAMMA1002094	F-MAMMA1002094	0.28
NT2RM4000634	F-NT2RM4000634	0.07
NT2RM4000657	F-NT2RM4000657	0.24
NT2RM4000783	F-NT2RM4000783	0.22
NT2RM4000857	F-NT2RM4000857	0.12
NT2RM4001178	F-NT2RM4001178	0.27
NT2RM4002420	F-NT2RM4002420	0.06
NT2RP2000198	F-NT2RP2000198	0.15
NT2RP2000551	F-NT2RP2000551	0.07
NT2RP2000660	F-NT2RP2000660	0.22
NT2RP2001214	F-NT2RP2001214	0.26
NT2RP2001460	F-NT2RP2001460	0.07
NT2RP2001756	F-NT2RP2001756	0.17

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	NT2RP2002056	F-NT2RP2002056	0. 12
	NT2RP2002677	F-NT2RP2002677	0. 14
5	NT2RP2002755	F-NT2RP2002755	0. 12
	NT2RP2002843	F-NT2RP2002843	0. 11
	NT2RP2003101	F-NT2RP2003101	0. 13
	NT2RP2003799	F-NT2RP2003799	0. 24
10	NT2RP2004095	F-NT2RP2004095	0. 16
	NT2RP2004732	F-NT2RP2004732	0. 18
	NT2RP2004920	F-NT2RP2004920	0. 15
	NT2RP2005454	F-NT2RP2005454	0. 09
15	NT2RP2005776	F-NT2RP2005776	0. 19
	NT2RP2005806	F-NT2RP2005806	0. 27
	NT2RP2005882	F-NT2RP2005882	0. 11
	NT2RP3001282	F-NT2RP3001282	0. 39
20	NT2RP3001723	F-NT2RP3001723	0. 22
	NT2RP3002099	F-NT2RP3002099	0. 20
	NT2RP3003155	F-NT2RP3003155	0. 29
25	NT2RP3004028	F-NT2RP3004028	0. 13
	OVARC1000008	F-OVARC1000008	0. 23
	OVARC1000724	F-OVARC1000724	0. 27
	OVARC1000751	F-OVARC1000751	0. 28
30	OVARC1001029	F-OVARC1001029	0. 25
	PLACE1000814	F-PLACE1000814	0. 21
	PLACE1003030	F-PLACE1003030	0. 26
	PLACE1005549	F-PLACE1005549	0. 16
35	PLACE1007218	F-PLACE1007218	0. 30

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Table 511

clone name	name of the 5'-end sequence	SEQ ID NO of the 5'-end sequence	name of the 3'-end sequence	SEQ ID NO of the 3'-end sequence
HEMBA1000497	F-HEMBA1000497	16111	R-HEMBA1000497	16165
HEMBA1001750	F-HEMBA1001750	16112	R-HEMBA1001750	16166
HEMBA1003854	F-HEMBA1003854	16113	R-HEMBA1003854	16167
HEMBA1004193	F-HEMBA1004193	16114	R-HEMBA1004193	16168
HEMBA1004860	F-HEMBA1004860	16115	R-HEMBA1004860	16169
HEMBA1005572	F-HEMBA1005572	16116	R-HEMBA1005572	16170
HEMBA1006038	F-HEMBA1006038	16117	R-HEMBA1006038	16171
HEMBA1006092	F-HEMBA1006092	16118	R-HEMBA1006092	16172
HEMBA1006406	F-HEMBA1006406	16119	R-HEMBA1006406	16173
HEMBA1006650	F-HEMBA1006650	16120	R-HEMBA1006650	16174
HEMBA1006812	F-HEMBA1006812	16121	R-HEMBA1006812	16175

	HEMBB1000672	F-HEMBB1000672	16122	R-HEMBB1000672	16176
	HEMBB1001197	F-HEMBB1001197	16123	R-HEMBB1001197	16177
	HEMBB1001871	F-HEMBB1001871	16124	R-HEMBB1001871	16178
5	MAMMA1001252	F-MAMMA1001252	16125	R-MAMMA1001252	16179
	MAMMA1002094	F-MAMMA1002094	16126	R-MAMMA1002094	16180
	NT2RM4000634	F-NT2RM4000634	16127	R-NT2RM4000634	16181
	NT2RM4000657	F-NT2RM4000657	16128	R-NT2RM4000657	16182
10	NT2RM4000783	F-NT2RM4000783	16129	R-NT2RM4000783	16183
	NT2RM4000857	F-NT2RM4000857	16130	R-NT2RM4000857	16184
	NT2RM4001178	F-NT2RM4001178	16131	R-NT2RM4001178	16185
	NT2RM4002420	F-NT2RM4002420	16132	R-NT2RM4002420	16186
15	NT2RP2000198	F-NT2RP2000198	16133	R-NT2RP2000198	16187
	NT2RP2000551	F-NT2RP2000551	16134	R-NT2RP2000551	16188
	NT2RP2000660	F-NT2RP2000660	16135	R-NT2RP2000660	16189
	NT2RP2001214	F-NT2RP2001214	16136	R-NT2RP2001214	16190
20	NT2RP2001460	F-NT2RP2001460	16137	R-NT2RP2001460	16191
	NT2RP2001756	F-NT2RP2001756	16138	R-NT2RP2001756	16192
	NT2RP2002056	F-NT2RP2002056	16139	R-NT2RP2002056	16193
	NT2RP2002677	F-NT2RP2002677	16140	R-NT2RP2002677	16194
25	NT2RP2002755	F-NT2RP2002755	16141	R-NT2RP2002755	16195
	NT2RP2002843	F-NT2RP2002843	16142	R-NT2RP2002843	16196
	NT2RP2003101	F-NT2RP2003101	16143	R-NT2RP2003101	16197
	NT2RP2003799	F-NT2RP2003799	16144	R-NT2RP2003799	16198
30	NT2RP2004095	F-NT2RP2004095	16145	R-NT2RP2004095	16199
	NT2RP2004732	F-NT2RP2004732	16146	R-NT2RP2004732	16200
	NT2RP2004920	F-NT2RP2004920	16147	R-NT2RP2004920	16201
	NT2RP2005454	F-NT2RP2005454	16148	R-NT2RP2005454	16202
35	NT2RP2005776	F-NT2RP2005776	16149	R-NT2RP2005776	16203
	NT2RP2005806	F-NT2RP2005806	16150	R-NT2RP2005806	16204
	NT2RP2005882	F-NT2RP2005882	16151	R-NT2RP2005882	16205
	NT2RP3001282	F-NT2RP3001282	16152	R-NT2RP3001282	16206
40	NT2RP3001723	F-NT2RP3001723	16153	R-NT2RP3001723	16207
	NT2RP3002099	F-NT2RP3002099	16154	R-NT2RP3002099	16208
	NT2RP3003155	F-NT2RP3003155	16155	R-NT2RP3003155	16209
	NT2RP3004028	F-NT2RP3004028	16156	R-NT2RP3004028	16210
45	OVARC1000008	F-OVARC1000008	16157	R-OVARC1000008	16211
	OVARC1000724	F-OVARC1000724	16158	R-OVARC1000724	16212
	OVARC1000751	F-OVARC1000751	16159	R-OVARC1000751	16213
	OVARC1001029	F-OVARC1001029	16160	R-OVARC1001029	16214
50	PLACE1000814	F-PLACE1000814	16161	R-PLACE1000814	16215
	PLACE1003030	F-PLACE1003030	16162	R-PLACE1003030	16216
	PLACE1005549	F-PLACE1005549	16163	R-PLACE1005549	16217
55	PLACE1007218	F-PLACE1007218	16164	R-PLACE1007218	16218

EXAMPLE 17

Search for a signal sequence, transmembrane region and functional domain in deduced amino acid sequences

[0252] The deduced amino acid sequences from the full-length nucleotide sequences were examined to predict the presence of a signal sequence in their amino-termini as well as the presence of a transmembrane region. The amino acid sequences were also searched for a protein functional domain (motif). The examinations for a signal sequence in the amino-terminus, for a transmembrane region and for a functional domain were performed by using PSORT [K. Nakai & M. Kanehisa, *Genomics*, 14:897-911 (1992)], SOSUI [T. Hirokawa et al., *Bioinformatics*, 14:378-379 (1998)] (Mitsui Knowledge Industry Co., Ltd.) and Pfam (<http://www.sanger.ac.uk/Software/Pfam/index.shtml>), respectively. When the presence of a signal sequence or a transmembrane region in the amino-terminus was predicted in the amino acid sequence by PSORT or SOSUI, the protein was predicted to be a secretory protein or a membrane protein. When the amino acid sequence matched a functional domain in the Pfam search for a functional domain, the function of the protein is predictable based on the matching data, for example, by referring to the functional categories in PROSITE (<http://www.expasy.ch/cgi-bin/prosite-list.pl>). The functional domain search can be performed by using PROSITE instead of Pfam.

[0253] Search results obtained by using the respective software programs are indicated below.

[0254] Clones whose deduced amino acid sequences were predicted to have signal sequences by PSORT search are as follows:

20 HEMBA1001052, HEMBA1001407, HEMBA1002486, HEMBA1002661, HEMBA1002818, HEMBA1002876,
HEMBA1003086, HEMBA1003711, HEMBA1004752, HEMBA1005991, HEMBA1006067, HEMBA1006173,
HEMBA1006198, HEMBA1006789, HEMBA1006921, HEMBB1000054, HEMBB1000175, HEMBB1002692,
MAMMA1000798, MAMMA1002427, MAMMA1002881, MAMMA1003035, NT2RM1000035, NT2RM1000742,
NT2RM1000811, NT2RM1000905, NT2RM1001008, NT2RM2000287, NT2RM2000609, NT2RM2001613,
25 NT2RM4000634, NT2RM4000778, NT2RM4002339, NT2RM4002460, NT2RP1000782, NT2RP1000856,
NT2RP1001247, NT2RP1001546, NT2RP1001569, NT2RP2001597, NT2RP2002537, NT2RP2004142,
NT2RP2005752, NT2RP2005812, NT2RP3001084, NT2RP3001589, NT2RP3002163, NT2RP3002650,
NT2RP3003145, NT2RP3003242, NT2RP3003621, NT2RP3004282, NT2RP3004503, NT2RP4000051,
NT2RP4000151, NT2RP4000243, NT2RP4000259, NT2RP4000323, NT2RP4000417, NT2RP4001064,
30 NT2RP4001117, NT2RP4001730, NT2RP4001739, NT2RP4002075, NT2RP5003500, OVARC1001154,
PLACE1000611, PLACE1003030, PLACE1003044, PLACE1003369, PLACE1003596, PLACE1004258,
PLACE1005086, PLACE1006239, PLACE1006754, PLACE1006829, PLACE1007954, PLACE1008424,
PLACE1008533, PLACE1008693, PLACE1010622, PLACE1010942, PLACE2000176, PLACE2000341,
PLACE2000379, PLACE2000427, PLACE2000477, PLACE4000431, PLACE4000593, THYRO1000156,
35 THYRO1001134, THYRO1001287, Y79AA1000258, Y79AA1001874, Y79AA1002399, HEMBB1001871,
HEMBB1001925, MAMMA1000778, MAMMA1000897, MAMMA1001080, NT2RP2004300, NT2RP3002985,
NT2RP3003059, OVARC1000689, OVARC1000890, PLACE1005162, PLACE3000399, PLACE3000455,
PLACE4000247, PLACE4000259, PLACE4000494

[0255] Clones whose deduced amino acid sequences were predicted to have transmembrane regions by SOSUI search are as follows:

40 HEMBA1000005, HEMBA1000356, HEMBA1000518, HEMBA1000531, HEMBA1000637, HEMBA1000719,
HEMBA1000817, HEMBA1000822, HEMBA1000870, HEMBA1000991, HEMBA1001052, HEMBA1001085,
HEMBA1001286, HEMBA1001351, HEMBA1001407, HEMBA1001446, HEMBA1001510, HEMBA1001515,
HEMBA1001557, HEMBA1001746, HEMBA1002092, HEMBA1002125, HEMBA1002150, HEMBA1002166,
45 HEMBA1002462, HEMBA1002477, HEMBA1002486, HEMBA1002609, HEMBA1002659, HEMBA1002661,
HEMBA1002780, HEMBA1002818, HEMBA1002876, HEMBA1002921, HEMBA1003077, HEMBA1003079,
HEMBA1003086, HEMBA1003096, HEMBA1003281, HEMBA1003286, HEMBA1003711, HEMBA1003742,
HEMBA1003803, HEMBA1004143, HEMBA1004146, HEMBA1004341, HEMBA1004461, HEMBA1004577,
HEMBA1004637, HEMBA1004752, HEMBA1004756, HEMBA1004850, HEMBA1004889, HEMBA1004923,
50 HEMBA1004930, HEMBA1005029, HEMBA1005035, HEMBA1005050, HEMBA1005552, HEMBA1005588,
HEMBA1005616, HEMBA1005991, HEMBA1006036, HEMBA1006067, HEMBA1006293, HEMBA1006492,
HEMBA1006502, HEMBA1006659, HEMBA1006758, HEMBA1006789, HEMBA1006921, HEMBA1006926,
HEMBA1007203, HEMBB1000050, HEMBB1000054, HEMBB1000556, HEMBB1000593, HEMBB1000631,
HEMBB1000763, HEMBB1000827, HEMBB1000915, HEMBB1000975, HEMBB1001112, HEMBB1001177,
55 HEMBB1001302, HEMBB1001348, HEMBB1001962, HEMBB1002142, HEMBB1002190, HEMBB1002247,
HEMBB1002387, HEMBB1002550, HEMBB1002600, HEMBB1002692, MAMMA1000129, MAMMA1000133,
MAMMA1000277, MAMMA1000278, MAMMA1000410, MAMMA1000416, MAMMA1000472, MAMMA1000714,
MAMMA1000731, MAMMA1000734, MAMMA1000798, MAMMA1000842, MAMMA1000956, MAMMA1001008,

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	MAMMA1001030,	MAMMA1001139,	MAMMA1001154,	MAMMA1001388,	MAMMA1001411,	MAMMA1001487,
	MAMMA1001751,	MAMMA1001771,	MAMMA1002461,	MAMMA1002524,	MAMMA1002598,	MAMMA1002684,
	MAMMA1002769,	MAMMA1002890,	MAMMA1002938,	MAMMA1003146,	NT2RM1000035,	NT2RM1000037,
5	NT2RM1000062,	NT2RM1000131,	NT2RM1000257,	NT2RM1000260,	NT2RM1000355,	NT2RM1000648,
	NT2RM1000742,	NT2RM1000800,	NT2RM1000811,	NT2RM1000857,	NT2RM1000867,	NT2RM1000882,
	NT2RM1001008,	NT2RM1001115,	NT2RM1001139,	NT2RM2000259,	NT2RM2000395,	NT2RM2000402,
	NT2RM2000407,	NT2RM2000422,	NT2RM2000566,	NT2RM2000581,	NT2RM2000609,	NT2RM2001370,
	NT2RM2001393,	NT2RM2001499,	NT2RM2001613,	NT2RM2001648,	NT2RM2001659,	NT2RM2001671,
	NT2RM2001718,	NT2RM2001760,	NT2RM2001785,	NT2RM2001823,	NT2RM2001930,	NT2RM2001950,
10	NT2RM2001998,	NT2RM2002049,	NT2RM4000046,	NT2RM4000233,	NT2RM4000433,	NT2RM4000520,
	NT2RM4000634,	NT2RM4000674,	NT2RM4000700,	NT2RM4000764,	NT2RM4000795,	NT2RM4000820,
	NT2RM4000857,	NT2RM4001032,	NT2RM4001054,	NT2RM4001455,	NT2RM4001813,	NT2RM4001930,
	NT2RM4001987,	NT2RM4002054,	NT2RM4002073,	NT2RM4002145,	NT2RM4002146,	NT2RM4002194,
	NT2RM4002339,	NT2RM4002438,	NT2RM4002446,	NT2RM4002452,	NT2RM4002460,	NT2RM4002493,
15	NT2RM4002571,	NT2RP1000191,	NT2RP1000358,	NT2RP1000418,	NT2RP1000547,	NT2RP1000609,
	NT2RP1000677,	NT2RP1000767,	NT2RP1000782,	NT2RP1000856,	NT2RP1001113,	NT2RP1001247,
	NT2RP1001286,	NT2RP1001310,	NT2RP1001311,	NT2RP1001313,	NT2RP1001385,	NT2RP1001449,
	NT2RP1001546,	NT2RP1001569,	NT2RP2000032,	NT2RP2000040,	NT2RP2000070,	NT2RP2000091,
	NT2RP2000114,	NT2RP2000120,	NT2RP2000173,	NT2RP2000175,	NT2RP2000195,	NT2RP2000248,
20	NT2RP2000270,	NT2RP2000283,	NT2RP2000289,	NT2RP2000459,	NT2RP2000516,	NT2RP2000842,
	NT2RP2000892,	NT2RP2001081,	NT2RP2001268,	NT2RP2001295,	NT2RP2001366,	NT2RP2001576,
	NT2RP2001581,	NT2RP2001597,	NT2RP2001947,	NT2RP2001991,	NT2RP2002025,	NT2RP2002312,
	NT2RP2002385,	NT2RP2002479,	NT2RP2002537,	NT2RP2002643,	NT2RP2002701,	NT2RP2002740,
	NT2RP2002857,	NT2RP2003125,	NT2RP2003297,	NT2RP2003433,	NT2RP2003446,	NT2RP2003466,
25	NT2RP2003629,	NT2RP2003777,	NT2RP2003781,	NT2RP2004041,	NT2RP2004194,	NT2RP2004270,
	NT2RP2004681,	NT2RP2004775,	NT2RP2004799,	NT2RP2004936,	NT2RP2005012,	NT2RP2005159,
	NT2RP2005227,	NT2RP2005270,	NT2RP2005344,	NT2RP2005509,	NT2RP2005752,	NT2RP2005781,
	NT2RP2005784,	NT2RP2005812,	NT2RP2006069,	NT2RP2006100,	NT2RP2006141,	NT2RP2006261,
	NT2RP2006571,	NT2RP3000092,	NT2RP3000134,	NT2RP3000333,	NT2RP3000393,	NT2RP3000439,
30	NT2RP3000441,	NT2RP3000531,	NT2RP3000685,	NT2RP3000826,	NT2RP3000852,	NT2RP3001126,
	NT2RP3001176,	NT2RP3001260,	NT2RP3001355,	NT2RP3001383,	NT2RP3001426,	NT2RP3001453,
	NT2RP3001497,	NT2RP3001538,	NT2RP3001716,	NT2RP3001727,	NT2RP3001739,	NT2RP3001799,
	NT2RP3001943,	NT2RP3001944,	NT2RP3002002,	NT2RP3002014,	NT2RP3002054,	NT2RP3002108,
	NT2RP3002163,	NT2RP3002351,	NT2RP3002455,	NT2RP3002549,	NT2RP3002628,	NT2RP3002650,
35	NT2RP3002687,	NT2RP3002701,	NT2RP3002869,	NT2RP3002969,	NT2RP3003008,	NT2RP3003071,
	NT2RP3003101,	NT2RP3003145,	NT2RP3003302,	NT2RP3003353,	NT2RP3003409,	NT2RP3003716,
	NT2RP3003918,	NT2RP3004207,	NT2RP3004454,	NT2RP3004503,	NT2RP4000051,	NT2RP4000151,
	NT2RP4000243,	NT2RP4000259,	NT2RP4000323,	NT2RP4000500,	NT2RP4000560,	NT2RP4000588,
	NT2RP4000713,	NT2RP4000724,	NT2RP4000833,	NT2RP4000878,	NT2RP4000907,	NT2RP4000925,
40	NT2RP4000928,	NT2RP4000973,	NT2RP4000989,	NT2RP4001057,	NT2RP4001064,	NT2RP4001079,
	NT2RP4001117,	NT2RP4001138,	NT2RP4001150,	NT2RP4001174,	NT2RP4001274,	NT2RP4001345,
	NT2RP4001372,	NT2RP4001373,	NT2RP4001379,	NT2RP4001498,	NT2RP4001547,	NT2RP4001571,
	NT2RP4001644,	NT2RP4001677,	NT2RP4001803,	NT2RP4001822,	NT2RP4001975,	NT2RP4002052,
	NT2RP4002075,	NT2RP5003500,	NT2RP5003506,	NT2RP5003522,	NT2RP5003534,	OVARC1000151,
45	OVARC1000241,	OVARC1000335,	OVARC1000700,	OVARC1000722,	OVARC1000751,	OVARC1000850,
	OVARC1000924,	OVARC1000936,	OVARC1000959,	OVARC1000984,	OVARC1001034,	OVARC1001129,
	OVARC1001381,	OVARC1001391,	OVARC1001453,	OVARC1001476,	OVARC1001506,	OVARC1001610,
	OVARC1001702,	OVARC1001703,	OVARC1001713,	OVARC1001745,	OVARC1001767,	OVARC1002127,
	OVARC1002158,	OVARC1002165,	PLACE1000014,	PLACE1000401,	PLACE1000562,	PLACE1000611,
50	PLACE1000656,	PLACE1000712,	PLACE1000909,	PLACE1000948,	PLACE1001241,	PLACE1001257,
	PLACE1001377,	PLACE1001517,	PLACE1001610,	PLACE1001771,	PLACE1001817,	PLACE1001983,
	PLACE1002213,	PLACE1002395,	PLACE1002500,	PLACE1002714,	PLACE1002722,	PLACE1002794,
	PLACE1002851,	PLACE1002908,	PLACE1003045,	PLACE1003238,	PLACE1003296,	PLACE1003369,
	PLACE1003493,	PLACE1003537,	PLACE1003553,	PLACE1003768,	PLACE1003771,	PLACE1003903,
55	PLACE1004197,	PLACE1004258,	PLACE1004270,	PLACE1004289,	PLACE1004473,	PLACE1004743,
	PLACE1004840,	PLACE1004969,	PLACE1005086,	PLACE1005206,	PLACE1005313,	PLACE1005530,
	PLACE1005595,	PLACE1005623,	PLACE1005763,	PLACE1005884,	PLACE1005934,	PLACE1006225,
	PLACE1006754,	PLACE1006901,	PLACE1006935,	PLACE1006956,	PLACE1007014,	PLACE1007111,

	PLACE1007243,	PLACE1007274,	PLACE1007282,	PLACE1007317,	PLACE1007375,	PLACE1007386,
	PLACE1007409,	PLACE1007484,	PLACE1007583,	PLACE1007632,	PLACE1007645,	PLACE1007852,
	PLACE1007877,	PLACE1008331,	PLACE1008424,	PLACE1008531,	PLACE1008532,	PLACE1008568,
	PLACE1008715,	PLACE1009045,	PLACE1009319,	PLACE1009338,	PLACE1009368,	PLACE1009493,
5	PLACE1009639,	PLACE1009708,	PLACE1009731,	PLACE1010089,	PLACE1010231,	PLACE1010321,
	PLACE1010622,	PLACE1010811,	PLACE1010917,	PLACE1010954,	PLACE1011090,	PLACE1011214,
	PLACE1011221,	PLACE1011399,	PLACE1011492,	PLACE1011646,	PLACE1011749,	PLACE2000034,
	PLACE2000111,	PLACE2000176,	PLACE2000187,	PLACE2000341,	PLACE2000379,	PLACE2000425,
	PLACE2000458,	PLACE3000020,	PLACE3000218,	PLACE3000226,	PLACE3000244,	PLACE3000413,
10	PLACE4000052,	PLACE4000129,	PLACE4000300,	PLACE4000387,	PLACE4000581,	PLACE4000593,
	PLACE4000650,	THYRO1000394,	THYRO1000395,	THYRO1000570,	THYRO1000748,	THYRO1000756,
	THYRO1001134,	THYRO1001271,	THYRO1001401,	THYRO1001534,	THYRO1001541,	THYRO1001809,
	Y79AA1000258,	Y79AA1000420,	Y79AA1000469,	Y79AA1000734,	Y79AA1000800,	Y79AA1000976,
	Y79AA1001023,	Y79AA1001177,	Y79AA1001394,	Y79AA1001603,	Y79AA1001647,	Y79AA1001846,
15	Y79AA1001874,	Y79AA1002139,	Y79AA1002351,	Y79AA1002399,	Y79AA1002416,	HEMBA1004055,
	HEMBA1001630,	HEMBA1001872,	HEMBA1002044,	HEMBA1002383,	MAMMA1000778,	MAMMA1000859,
	MAMMA1000897,	MAMMA1001073,	MAMMA1002009,	MAMMA1002844,	MAMMA1002947,	MAMMA1003089,
	NT2RM1000092,	NT2RM1000833,	NT2RP2002105,	NT2RP2003668,	NT2RP2006184,	NT2RP3001282,
	NT2RP3002810,	NT2RP3002985,	NT2RP3003059,	NT2RP3003576,	NT2RP3003665,	NT2RP3003799,
20	NT2RP3003828,	NT2RP3003992,	NT2RP3004051,	NT2RP3004155,	OVARC1000890,	OVARC1001117,
	OVARC1001329,	PLACE1001761,	PLACE1002437,	PLACE1004793,	PLACE1005611,	PLACE1005898,
	PLACE1009935,	PLACE1011896,	PLACE2000132,	PLACE2000335,	PLACE3000373,	PLACE3000406,
	PLACE4000250,	PLACE4000487,	PLACE4000494,	THYRO1001320,	THYRO1001537,	THYRO1001828,
	Y79AA1001384					

25 **[0256]** Names of clones whose deduced amino acid sequences were predicted to have functional domains by Pfam search, and names of the matched functional domains are shown below.

When multiple functional domains matched a clone, each domain name was indicated, separated by a double-slash mark, //.

30	HEMBA1000005//DnaJ, prokaryotic heat shock protein
	HEMBA1000020//Tubulin
	HEMBA1000129//Helicases conserved C-terminal domain
	HEMBA1000156//RNA recognition motif. (aka RRM, RBD, or RNP domain)
	HEMBA1000158//Fork head domain, eukaryotic transcription factors//Zinc finger, C2H2 type
35	HEMBA1000303//Src homology domain 3 //Zinc finger, C3HC4 type (RING finger)
	HEMBA1000411//Ank repeat
	HEMBA1000491//Ras family (contains ATP/GTP binding P-loop)
	HEMBA1000531//Heat shock hsp70 proteins
	HEMBA1000561//Zinc finger, C2H2 type
40	HEMBA1000608//Src homology domain 3
	HEMBA1000919//WD domain, G-beta repeats
	HEMBA1001043//Ank repeat
	HEMBA1001088//LIM domain containing proteins
	HEMBA1001137//Zinc finger, C2H2 type
45	HEMBA1001174//ADP-ribosylation factors (Arf family) (contains ATP/GTP binding P-loop)
	HEMBA1001247//WW/rsp5/WWP domain containing proteins
	HEMBA1001286//Sushi domain
	HEMBA1001510//Basic region plus leucine zipper transcription factors
	HEMBA1001515//Reverse transcriptase (RNA-dependent DNA polymerase)
50	HEMBA1001661//Cadherin
	HEMBA1001723//WD domain, G-beta repeats
	HEMBA1001744//Eukaryotic protein kinase domain
	HEMBA1001804//Zinc finger, C2H2 type
	HEMBA1001819//Zinc finger, C2H2 type
55	HEMBA1001847//Zinc finger, C2H2 type
	HEMBA1002035//Bromodomain
	HEMBA1002102//Ank repeat
	HEMBA1002161//Myosin head (motor domain) (contains ATP/GTP binding P-loop)

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HEMBA1002177//GATA family of transcription factors //Zinc finger, C2H2 type
 HEMBA1002212//Eukaryotic protein kinase domain
 HEMBA1002215//LIM domain containing proteins
 HEMBA1002419//RNA recognition motif. (aka RRM, RBD, or RNP domain)
 5 HEMBA1002547//Kazal-type serine protease inhibitor domain //Laminin EGF-like (Domains III and V)
 HEMBA1002768//Src homology domain 3
 HEMBA1002810//WW/rsp5/WWP domain containing proteins
 HEMBA1002818//EGF-like domain
 HEMBA1002935//Zinc finger, C2H2 type
 10 HEMBA1002939//Ank repeat
 HEMBA1002973//3'5'-cyclic nucleotide phosphodiesterases
 HEMBA1003077//Fibronectin type III domain
 HEMBA1003250//Eukaryotic protein kinase domain
 HEMBA1003257//Zinc finger, C2H2 type
 15 HEMBA1003281//IG superfamily
 HEMBA1003291//Eukaryotic protein kinase domain
 HEMBA1003433//Forkhead-associated (FHA) domain
 HEMBA1003545//Homeobox domain //LIM domain containing proteins
 HEMBA1003591//RNA recognition motif. (aka RRM, RBD, or RNP domain)
 20 HEMBA1003684//Zinc finger, C2H2 type
 HEMBA1003953//Zinc finger, C2H2 type
 HEMBA1004202//Ras family (contains ATP/GTP binding P-loop)
 HEMBA1004227//Protein phosphatase 2C
 HEMBA1004321//Zinc finger, C2H2 type
 25 HEMBA1004356//RNA recognition motif. (aka RRM, RBD, or RNP domain)
 HEMBA1004408//Peptidyl-prolyl cis-trans isomerases
 HEMBA1004596//RNA recognition motif. (aka RRM, RBD, or RNP domain)
 HEMBA1004734//Ubiquitin-conjugating enzymes
 HEMBA1004973//Fibronectin type III domain
 30 HEMBA1005009//Actins
 HEMBA1005101//RNA recognition motif. (aka RRM, RBD, or RNP domain)
 HEMBA1005581//EGF-like domain //Laminin G domain
 HEMBA1005732//Polyprenyl synthetases
 HEMBA1005737//EF hand
 35 HEMBA1006248//Zinc finger, C2H2 type
 HEMBA1006284//Ubiquitin family
 HEMBA1006293//IG superfamily
 HEMBA1006344//Band 4.1 family
 HEMBA1006445//Ras family (contains ATP/GTP binding P-loop)
 40 HEMBA1006492//Ank repeat
 HEMBA1006559//Zinc finger, C3HC4 type (RING finger)
 HEMBA1006708//WD domain, G-beta repeats
 HEMBA1006737//Ank repeat
 HEMBA1006758//Cadherin
 45 HEMBA1006941//Thioredoxins
 HEMBA1007243//Purine/pyrimidine phosphoribosyl transferases
 HEMBA1007300//3'5'-cyclic nucleotide phosphodiesterases
 HEMBB1000083//IG superfamily
 HEMBB1000317//EGF-like domain //Thrombospondin type 1 domain
 50 HEMBB1000556//Actinin-type actin-binding domain containing proteins //LIM domain containing proteins
 HEMBB1000725//Ras family (contains ATP/GTP binding P-loop)
 HEMBB1000781//Eukaryotic protein kinase domain
 HEMBB1000915//Thrombospondin type 1 domain
 HEMBB1000927//EF hand
 55 HEMBB1000947//Double-stranded RNA binding motif
 HEMBB1001112//eubacterial secY protein
 HEMBB1001175//Ank repeat
 HEMBB1001234//WW/rsp5/WWP domain containing proteins

HEMBB1001282//Ank repeat
 HEMBB1001294//Ras family (contains ATP/GTP binding P-loop)
 HEMBB1001339//Forkhead-associated (FHA) domain
 HEMBB1001673//Forkhead-associated (FHA) domain //Zinc finger, C3HC4 type (RING finger)
 5 HEMBB1001802//Intermediate filament proteins
 HEMBB1001839//Zinc finger, C2H2 type
 HEMBB1002217//Zinc finger, C2H2 type
 HEMBB1002342//Thioredoxins
 HEMBB1002600//4 transmembrane segments integral membrane proteins
 10 MAMMA1000173//Src homology domain 3
 MAMMA1000388//Zinc finger, C2H2 type
 MAMMA1000402//Reverse transcriptase (RNA-dependent DNA polymerase)
 MAMMA1000612//WD domain, G-beta repeats
 MAMMA1000672//Serine carboxypeptidases
 15 MAMMA1000731//SNF2 and others N-terminal domain
 MAMMA1001008//Eukaryotic aspartyl proteases
 MAMMA1001041//Actinin-type actin-binding domain containing proteins
 MAMMA1001059//DEAD and DEAH box helicases //Helicases conserved C-terminal domain
 MAMMA1001105//Zinc finger, C2H2 type
 20 MAMMA1001260//Zinc finger, C3HC4 type (RING finger)
 MAMMA1001576//Tubulin
 MAMMA1001735//Tubulin
 MAMMA1001768//ATPases associated with various cellular activities (AAA)
 MAMMA1001837//Zinc finger, C2H2 type
 25 MAMMA1002170//Ribosomal protein S5
 MAMMA1002385//RNA recognition motif. (aka RRM, RBD, or RNP domain)
 MAMMA1002619//Ubiquitin carboxyl-terminal hydrolases family 2
 MAMMA1002637//Kinesin light chain repeat
 MAMMA1002650//Zinc finger, C2H2 type
 30 MAMMA1002671//AMP-binding enzymes
 MAMMA1002869//LIM domain containing proteins
 MAMMA1002881//SCP-like extracellular Proteins
 MAMMA1002937//Zinc finger, C2H2 type
 MAMMA1002938//Multicopper oxidases
 35 MAMMA1003011//Core histones H2A, H2B, H3 and H4
 MAMMA1003057//WD domain, G-beta repeats
 MAMMA1003127//Myosin head (motor domain) (contains ATP/GTP binding P-loop)
 NT2RM1000086//Zinc finger, C3HC4 type (RING finger)
 NT2RM1000199//CUB domain //Sushi domain
 40 NT2RM1000256//Glutamine amidotransferases class-II
 NT2RM1000499//Ank repeat
 NT2RM1000555//'Cold-shock' DNA-binding domain containing proteins
 NT2RM1000666//'Cold-shock' DNA-binding domain containing proteins //Zinc finger, CCHC class
 NT2RM1000772//WD domain, G-beta repeats
 45 NT2RM1000826//'Cold-shock' DNA-binding domain containing proteins
 NT2RM1000850//Ank repeat //Eukaryotic protein kinase domain
 NT2RM1000852//DEAD and DEAH box helicases //Helicases conserved C-terminal domain
 NT2RM1000882//Heme-binding domain in cytochrome b5 and oxidoreductases
 NT2RM1000885//Zinc finger, C3HC4 type (RING finger)
 50 NT2RM1001059//RNA recognition motif. (aka RRM, RBD, or RNP domain)
 NT2RM1001072//C2 domain //Phosphatidylinositol-specific phospholipase C, X domain //Phosphatidylinositol-specific phospholipase C, Y domain
 NT2RM2000092//Ubiquitin carboxyl-terminal hydrolases family 2
 NT2RM2000101//Zinc finger, C3HC4 type (RING finger)
 55 NT2RM2000191//3'5'-cyclic nucleotide phosphodiesterases
 NT2RM2000422//Sodium:neurotransmitter symporter family
 NT2RM2000490//C2 domain
 NT2RM2000566//Integrins alpha chain

NT2RM2000577//tRNA synthetases class I
 NT2RM2000594//C-5 cytosine-specific DNA methylases
 NT2RM2000691//Actins
 NT2RM2000735//Zinc finger, C2H2 type
 5 NT2RM2000740//Helicases conserved C-terminal domain
 NT2RM2000951//FGGY family of carbohydrate kinases
 NT2RM2001324//LIM domain containing proteins
 NT2RM2001499//Amino acid permeases
 NT2RM2001547//DnaJ, prokaryotic heat shock protein //Thioredoxins
 10 NT2RM2001613//eubacterial secY protein
 NT2RM2001670//Zinc finger, C2H2 type
 NT2RM2001700//Acyl-CoA dehydrogenases
 NT2RM2001730//Ubiquitin carboxyl-terminal hydrolases family 2
 NT2RM2001813//WD domain, G-beta repeats
 15 NT2RM2001823//Helicases conserved C-terminal domain //SNF2 and others N-terminal domain
 NT2RM2001896//Cytochrome C oxidase subunit II
 NT2RM2001989//RNA recognition motif. (aka RRM, RBD, or RNP domain)
 NT2RM2001997//Thioredoxins
 NT2RM2002088//KH domain family of RNA binding proteins
 20 NT2RM2002100//DEAD and DEAH box helicases //Helicases conserved C-terminal domain
 NT2RM2002109//IG superfamily
 NT2RM4000046//Zinc finger, C3HC4 type (RING finger)
 NT2RM4000104//Zinc finger, C2H2 type
 NT2RM4000167//Kinesin motor domain
 25 NT2RM4000191//DEAD and DEAH box helicases //Helicases conserved C-terminal domain
 NT2RM4000202//Zinc finger, C2H2 type
 NT2RM4000229//PH (pleckstrin homology) domain
 NT2RM4000344//ATPases associated with various cellular activities (AAA)
 NT2RM4000356//Ras family (contains ATP/GTP binding P-loop)
 30 NT2RM4000471//Aminotransferases class-V
 NT2RM4000496//ATPases associated with various cellular activities (AAA)
 NT2RM4000611//WD domain, G-beta repeats
 NT2RM4000657//C2 domain //Phosphatidylinositol-specific phospholipase C, Y domain
 NT2RM4000712//Ubiquitin carboxyl-terminal hydrolases family 2 //Ubiquitin carboxyl-terminal hydrolases family 2
 35 NT2RM4000733//Forkhead-associated (FHA) domain
 NT2RM4000734//Zinc finger, C2H2 type
 NT2RM4000751//Zinc finger, C2H2 type
 NT2RM4000795//Carboxylesterases
 NT2RM4000996//Zinc finger, C2H2 type
 40 NT2RM4001054//eubacterial secY protein
 NT2RM4001140//Homeobox domain
 NT2RM4001178//DEAD and DEAH box helicases
 NT2RM4001200//Zinc finger, C2H2 type
 NT2RM4001313//Phosphatidylinositol 3- and 4-kinases
 45 NT2RM4001316//Acyl-CoA dehydrogenases
 NT2RM4001320//Src homology domain 3
 NT2RM4001411//PH (pleckstrin homology) domain //Src homology domain 2
 NT2RM4001454//PH (pleckstrin homology) domain
 NT2RM4001483//Zinc finger, C2H2 type
 50 NT2RM4001629//Src homology domain 3
 NT2RM4001758//Eukaryotic protein kinase domain
 NT2RM4001810//Zinc finger, C2H2 type
 NT2RM4001813//Lectin C-type domain short and long forms
 NT2RM4001823//Zinc finger, C2H2 type
 55 NT2RM4001828//Zinc finger, C2H2 type
 NT2RM4001979//Zinc finger, C2H2 type
 NT2RM4001987//IG superfamily
 NT2RM4002013//WD domain, G-beta repeats

NT2RM4002073//AMP-binding enzymes
 NT2RM4002093//RNA recognition motif. (aka RRM, RBD, or RNP domain)
 NT2RM4002145//IG superfamily
 NT2RM4002287//Fibronectin type III domain
 5 NT2RM4002527//WD domain, G-beta repeats
 NT2RM4002623//tRNA synthetases class II
 NT2RP1000101//Zinc finger, C2H2 type
 NT2RP1000202//Ank repeat
 NT2RP1000272//RNA recognition motif. (aka RRM, RBD, or RNP domain)
 10 NT2RP1000363//PH (pleckstrin homology) domain
 NT2RP1000376//Ank repeat
 NT2RP1000470//DEAD and DEAH box helicases
 NT2RP1000478//Tubulin
 NT2RP1000522//Ubiquitin carboxyl-terminal hydrolases family 2 //Ubiquitin carboxyl-terminal hydrolases family 2
 15 NT2RP1000677//Kazal-type serine protease inhibitor domain
 NT2RP1000701//WD domain, G-beta repeats
 NT2RP1000733//Elongation factor Tu family (contains ATP/GTP binding P-loop)
 NT2RP1000782//4 transmembrane segments integral membrane proteins
 NT2RP1000833//3'5'-cyclic nucleotide phosphodiesterases
 20 NT2RP1000856//4 transmembrane segments integral membrane proteins
 NT2RP1000947//Ubiquitin-conjugating enzymes
 NT2RP1000959//60s Acidic ribosomal protein
 NT2RP1000966//RNA recognition motif. (aka RRM, RBD, or RNP domain)
 NT2RP1001033//Tubulin
 25 NT2RP1001080//DEAD and DEAH box helicases //Helicases conserved C-terminal domain
 NT2RP1001177//Core histones H2A, H2B, H3 and H4
 NT2RP1001247//Transforming growth factor beta like domain
 NT2RP1001294//WD domain, G-beta repeats
 NT2RP1001302//WD domain, G-beta repeats
 30 NT2RP1001313//Heme-binding domain in cytochrome b5 and oxidoreductases
 NT2RP1001457//WD domain, G-beta repeats
 NT2RP1001546//4 transmembrane segments integral membrane proteins
 NT2RP2000008//Zinc finger, C2H2 type
 NT2RP2000040//C2 domain
 35 NT2RP2000045//DnaJ, prokaryotic heat shock protein
 NT2RP2000054//Zinc finger, C3HC4 type (RING finger)
 NT2RP2000070//Cadherin
 NT2RP2000126//Helicases conserved C-terminal domain//SNF2 and others N-terminal domain
 NT2RP2000153//RNA recognition motif. (aka RRM, RBD, or RNP domain)
 40 NT2RP2000224//PH (pleckstrin, homology) domain
 NT2RP2000257//Mitochondrial carrier proteins
 NT2RP2000329//Adenylate kinases
 NT2RP2000414//RNA recognition motif. (aka RRM, RBD, or RNP domain)
 NT2RP2000448//PH (pleckstrin homology) domain
 45 NT2RP2000660//ATPases associated with various cellular activities (AAA)
 NT2RP2000668//Eukaryotic protein kinase domain
 NT2RP2000710//tRNA synthetases class II
 NT2RP2000764//Aminotransferases class-V
 NT2RP2000842//7 transmembrane receptor (rhodopsin family)
 50 NT2RP2000880//Elongation factor Tu family (contains ATP/GTP binding P-loop)
 NT2RP2000931//RNA recognition motif. (aka RRM, RBD, or RNP domain)
 NT2RP2000932//Ank repeat
 NT2RP2001081//C2 domain
 NT2RP2001174//Zinc finger, C2H2 type
 55 NT2RP2001397//Cyclins
 NT2RP2001520//Mitochondrial carrier proteins
 NT2RP2001597//Zinc finger, C3HC4 type (RING finger)
 NT2RP2001740//Ubiquitin carboxyl-terminal hydrolases family 2

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NT2RP2001748//Polyprenyl synthetases
 NT2RP2001756//Zinc finger, C2H2 type
 NT2RP2001839//Eukaryotic protein kinase domain
 NT2RP2001900//Actins
 5 NT2RP2001991//Sodium:neurotransmitter symporter family
 NT2RP2002058//WD domain, G-beta repeats
 NT2RP2002124//Ubiquitin carboxyl-terminal hydrolases family 2 //Ubiquitin carboxyl-terminal hydrolases family 2
 NT2RP2002185//Ubiquitin family
 NT2RP2002208//Zinc finger, C3HC4 type (RING finger)
 10 NT2RP2002256//Cytochrome P450
 NT2RP2002479//ABC transporters
 NT2RP2002503//Zinc finger, C2H2 type
 NT2RP2002520//Ank repeat
 NT2RP2002591//Zinc finger, C2H2 type
 15 NT2RP2002741//Src homology domain 3
 NT2RP2002929//WD domain, G-beta repeats
 NT2RP2002939//Zinc finger, C2H2 type
 NT2RP2002959//Ubiquitin-conjugating enzymes
 NT2RP2002980//Ribosomal protein S10
 20 NT2RP2003137//Ubiquitin family
 NT2RP2003164//Eukaryotic protein kinase domain
 NT2RP2003228//MCM2/3/5 family
 NT2RP2003243//Fibronectin type III domain
 NT2RP2003272//Ubiquitin family
 25 NT2RP2003307//Kinesin light chain repeat
 NT2RP2003401//Ubiquitin carboxyl-terminal hydrolases family 2 //Ubiquitin carboxyl-terminal hydrolases, family 2
 NT2RP2003433//eubacterial secY protein
 NT2RP2003480//Zinc finger, C2H2 type
 NT2RP2003713//Ubiquitin carboxyl-terminal hydrolases family 2
 30 NT2RP2003737//Ubiquitin-conjugating enzymes
 NT2RP2003777//Zinc finger, C3HC4 type (RING finger)
 NT2RP2003840//Ubiquitin-conjugating enzymes
 NT2RP2003857//Ank repeat
 NT2RP2003981//Zinc finger, C3HC4 type (RING finger)
 35 NT2RP2004170//WD domain, G-beta repeats
 NT2RP2004187//Zinc finger, C2H2 type
 NT2RP2004232//Phorbol esters / diacylglycerol binding domain //PH (pleckstrin homology) domain //Eukaryotic
 protein kinase domain
 NT2RP2004389//Ribosomal protein S9
 40 NT2RP2004538//PH (pleckstrin homology) domain
 NT2RP2004568//DEAD and DEAH box helicases //Helicases conserved C-terminal domain
 NT2RP2004710//WW/rsp5/WWP domain containing proteins
 NT2RP2004768//Eukaryotic protein kinase domain
 NT2RP2004933//Eukaryotic protein kinase domain
 45 NT2RP2004961//Zinc finger, C2H2 type
 NT2RP2005003//Zinc finger, C3HC4 type (RING finger)
 NT2RP2005012//DnaJ, prokaryotic heat shock protein
 NT2RP2005126//DEAD and DEAH box helicases //Helicases conserved C-terminal domain
 NT2RP2005139//Ank repeat
 50 NT2RP2005140//PH (pleckstrin homology) domain
 NT2RP2005239//Aminotransferases class-V
 NT2RP2005288//Regulator of chromosome condensation (RCC1)
 NT2RP2005293//PH (pleckstrin homology) domain
 NT2RP2005325//Homeobox domain //LIM domain containing proteins
 55 NT2RP2005344//E1-E2 ATPases
 NT2RP2005465//Mitochondrial carrier proteins
 NT2RP2005525//Forkhead-associated (FHA) domain
 NT2RP2005531//Band 4.1 family

NT2RP2005557//Bacterial mutT protein
 NT2RP2005654//DnaJ, prokaryotic heat shock protein
 NT2RP2005701//Zinc finger, C3HC4 type (RING finger)
 NT2RP2005722//Zinc finger, C2H2 type
 5 NT2RP2005752//TNFR/NGFR cysteine-rich region
 NT2RP2005763//DEAD and DEAH box helicases //Helicases conserved C-terminal domain
 NT2RP2005767//HMG (high mobility group) box
 NT2RP2006312//HMG (high mobility group) box
 NT2RP2006464//HMG (high mobility group) box
 10 NT2RP2006571//Cytochrome P450
 NT2RP3000050//Zinc finger, C2H2 type
 NT2RP3000068//PH (pleckstrin homology) domain
 NT2RP3000085//Biotin-requiring enzymes //Carbamoyl-phosphate synthase (CPSase)
 NT2RP3000299//Src homology domain 3
 15 NT2RP3000359//Adenylate kinases
 NT2RP3000366//Ras family (contains ATP/GTP binding P-loop)
 NT2RP3000403//WW/rsp5/WWP domain containing proteins
 NT2RP3000487//WW/rsp5/WWP domain containing proteins
 NT2RP3000512//Homeobox domain
 20 NT2RP3000527//Zinc finger, C2H2 type
 NT2RP3000531//IG superfamily
 NT2RP3000590//Zinc finger, C3HC4 type (RING finger)
 NT2RP3000603//Helix-loop-helix DNA-binding domain
 NT2RP3000605//Zinc finger, C2H2 type
 25 NT2RP3000632//Zinc finger, C2H2 type
 NT2RP3000742//Phosphatidylinositol-specific phospholipase C, X domain //Phosphatidylinositol-specific phospholipase C, Y domain
 NT2RP3000759//ADP-ribosylation factors (Arf family) (contains ATP/GTP binding P-loop)
 NT2RP3000825//EGF-like domain
 30 NT2RP3000869//ATPases associated with various cellular activities (AAA)
 NT2RP3000994//Double-stranded RNA binding motif
 NT2RP3001057//Zinc finger, C2H2 type
 NT2RP3001084//PH (pleckstrin homology) domain
 NT2RP3001120//Zinc finger, C2H2 type
 35 NT2RP3001140//Thrombospondin type 1 domain
 NT2RP3001150//Forkhead-associated (FHA) domain
 NT2RP3001155//HMG (high mobility group) box
 NT2RP3001214//Zinc finger, C2H2 type
 NT2RP3001268//Zinc finger, C2H2 type
 40 NT2RP3001338//Zinc finger, C2H2 type
 NT2RP3001355//Mitochondrial carrier proteins
 NT2RP3001398//Zinc finger, C2H2 type
 NT2RP3001426//DnaJ, prokaryotic heat shock protein
 NT2RP3001453//ABC transporters
 45 NT2RP3001457//PH (pleckstrin homology) domain
 NT2RP3001472//HMG (high mobility group) box
 NT2RP3001495//Alcohol/other dehydrogenases, short chain type //WW/rsp5/WWP domain containing proteins
 NT2RP3001497//Zinc finger, C3HC4 type (RING finger)
 NT2RP3001724//Helicases conserved C-terminal domain
 50 NT2RP3001792//RNA recognition motif. (aka RRM, RBD, or RNP domain)
 NT2RP3001943//Zinc finger, C3HC4 type (RING finger)
 NT2RP3001944//Zinc finger, C3HC4 type (RING finger)
 NT2RP3002007//ATPases associated with various cellular activities (AAA)
 NT2RP3002054//Low-density lipoprotein receptor domain class A
 55 NT2RP3002151//Elongation factor Tu family (contains ATP/GTP binding P-loop)
 NT2RP3002399//MCM2/3/5 family
 NT2RP3002501//Serine/threonine dehydratases
 NT2RP3002602//Thioredoxins

NT2RP3002628//DnaJ, prokaryotic heat shock protein //Thioredoxins
 NT2RP3002663//PH (pleckstrin homology) domain
 NT2RP3002909//Ank repeat
 NT2RP3002953//Cadherin
 5 NT2RP3002969//AMP-binding enzymes
 NT2RP3003061//Ank repeat
 NT2RP3003145//Zinc carboxypeptidases
 NT2RP3003230//WD domain, G-beta repeats
 NT2RP3003251//Zinc finger, C3HC4 type (RING finger)
 10 NT2RP3003278//Ank repeat //Zinc finger, C2H2 type
 NT2RP3003282//PH (pleckstrin homology) domain
 NT2RP3003311//PH (pleckstrin homology) domain
 NT2RP3003385//Ank repeat //Chaperonins clpA/B
 NT2RP3003589//Ras family (contains ATP/GTP binding P-loop)
 15 NT2RP3003621//CUB domain //Krigle domain
 NT2RP3003701//Thrombospondin type 1 domain
 NT2RP3003716//Fibronectin type III domain
 NT2RP3003809//ATPases associated with various cellular activities (AAA)
 NT2RP3004016//Zinc finger, C3HC4 type (RING finger)
 20 NT2RP3004207//CUB domain //Sushi domain
 NT2RP3004209//Ubiquitin carboxyl-terminal hydrolases family 2 //Ubiquitin carboxyl-terminal hydrolases family 2
 NT2RP3004242//PH (pleckstrin homology) domain
 NT2RP3004262//DnaJ, prokaryotic heat shock protein
 NT2RP3004566//Zinc finger, C2H2 type
 25 NT2RP3004569//Ank repeat
 NT2RP3004594//HMG (high mobility group) box
 NT2RP3004617//Zinc finger, C3HC4 type (RING finger)
 NT2RP4000259//Glutathione peroxidases
 NT2RP4000370//Prokaryotic-type class I peptide chain release factors
 30 NT2RP4000376//WD domain, G-beta repeats
 NT2RP4000398//Zinc finger, C2H2 type
 NT2RP4000455//Forkhead-associated (FHA) domain //Zinc finger, C3HC4 type (RING finger)
 NT2RP4000457//Ubiquitin carboxyl-terminal hydrolases family 2
 NT2RP4000518//DEAD and DEAH box helicases //Helicases conserved C-terminal domain
 35 NT2RP4000588//Actinin-type actin-binding domain containing proteins
 NT2RP4000614//RNA recognition motif. (aka RRM, RBD, or RNP domain)
 NT2RP4000648//Forkhead-associated (FHA) domain //Zinc finger, C3HC4 type (RING finger)
 NT2RP4000837//Zinc finger, C2H2 type
 NT2RP4000839//WD domain, G-beta repeats
 40 NT2RP4000865//Zinc finger, C2H2 type
 NT2RP4000907//Fibronectin type III domain //IG superfamily
 NT2RP4000925//Fibronectin type III domain
 NT2RP4000927//Ubiquitin carboxyl-terminal hydrolases family 2 //Ubiquitin carboxyl-terminal hydrolases family 2
 NT2RP4000973//DnaJ, prokaryotic heat shock protein //Thioredoxins
 45 NT2RP4001079//E1-E2 ATPases
 NT2RP4001080//RNA recognition motif. (aka RRM, RBD, or RNP domain)
 NT2RP4001117//eubacterial secY protein
 NT2RP4001150//Fibronectin type III domain
 NT2RP4001213//Zinc finger, C2H2 type
 50 NT2RP4001219//Thioredoxins
 NT2RP4001235//Zinc finger, CCHC class
 NT2RP4001433//Zinc finger, C2H2 type
 NT2RP4001498//Ank repeat
 NT2RP4001568//Ank repeat
 55 NT2RP4001644//Eukaryotic protein kinase domain
 NT2RP4001725//WD domain, G-beta repeats
 NT2RP4001753//Zinc finger, C2H2 type
 NT2RP4001790//Zinc finger, C2H2 type

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NT2RP4001822//4 transmembrane segments integral membrane proteins
 NT2RP4001823//Fibrinogen beta and gamma chains, C-terminal globular domain
 NT2RP4001893//Ank repeat
 NT2RP4001896//WD domain, G-beta repeats
 5 NT2RP4001927//WD domain, G-beta repeats
 NT2RP4001938//Zinc finger, C2H2 type
 NT2RP4002047//Elongation factor Tu family (contains ATP/GTP binding P-loop)
 NT2RP4002078//Zinc finger, C2H2 type
 NT2RP4002408//Eukaryotic protein kinase domain
 10 NT2RP4002905//Cyclins
 NT2RP5003477//WD domain, G-beta repeats
 OVARC1000006//Core histones H2A, H2B, H3 and H4
 OVARC1000085//Proteasome A-type and B-type
 OVARC1000148//RNA recognition motif. (aka RRM, RBD, or RNP domain)
 15 OVARC1000556//Eukaryotic protein kinase domain
 OVARC1000649//PH (pleckstrin homology) domain //Src homology domain 2
 OVARC1000746//Double-stranded RNA binding motif
 OVARC1000885//Alcohol/other dehydrogenases, short chain type
 OVARC1000937//Cyclins
 20 OVARC1000999//Ank repeat
 OVARC1001154//Granulins
 OVARC1001180//Ubiquitin family
 OVARC1001306//Helix-loop-helix DNA-binding domain
 OVARC1001577//RNA recognition motif. (aka RRM, RBD, or RNP domain)
 25 OVARC1001731//Tropomyosins
 OVARC1001943//Zinc finger, C2H2 type
 OVARC1002050//Spectrin alpha chain, repeated domain
 OVARC1002112//Core histones H2A, H2B, H3 and H4
 OVARC1002138//ATPases associated with various cellular activities (AAA)
 30 OVARC1002182//WD domain, G-beta repeats
 PLACE1000014//Zinc finger, C3HC4 type (RING finger)
 PLACE1000040//Ras family (contains ATP/GTP binding P-loop)
 PLACE1000050//Zinc finger, C2H2 type
 PLACE1000081//PH (pleckstrin homology) domain
 35 PLACE1000142//Enoyl-CoA hydratase/isomerase
 PLACE1000401//IG superfamily
 PLACE1000406//RNA recognition motif. (aka RRM, RBD, or RNP domain)
 PLACE1000420//Bacterial mutT protein
 PLACE1000706//Bromodomain
 40 PLACE1000769//KH domain family of RNA binding proteins
 PLACE1000786//PH (pleckstrin homology) domain
 PLACE1000863//Ribosomal protein S4
 PLACE1000909//Ank repeat
 PLACE1000972//Src homology domain 3
 45 PLACE1000979//Zinc finger, C2H2 type
 PLACE1001304//Zinc finger, C2H2 type
 PLACE1001387//Src homology domain 3
 PLACE1001632//Zinc finger, C2H2 type
 PLACE1001672//Aminotransferases class-III pyridoxal-phosphate
 50 PLACE1001716//Zinc finger, CCHC class
 PLACE1001739//DEAD and DEAH box helicases //Helicases conserved C-terminal domain
 PLACE1001781//Phosphoglucosyltransferase and phosphomannosyltransferase phosphoserine
 PLACE1001869//FGGY family of carbohydrate kinases
 PLACE1002438//Zinc finger, C2H2 type
 55 PLACE1002450//Zinc finger, C2H2 type
 PLACE1002474//EGF-like domain //von Willebrand factor type A domain
 PLACE1002499//Zinc finger, C3HC4 type (RING finger)
 PLACE1002532//Homeobox domain

PLACE1002571//Actins
 PLACE1002685//Src homology domain 2
 PLACE1002722//7 transmembrane receptor (rhodopsin family)
 PLACE1002775//Bromodomain
 5 PLACE1002834//Zinc finger, C2H2 type
 PLACE1003100//Alcohol dehydrogenases, short chain type
 PLACE1003174//Ubiquitin-conjugating enzymes
 PLACE1003238//7 transmembrane receptor (rhodopsin family)
 PLACE1003302//Zinc finger, C2H2 type
 10 PLACE1003334//RNA recognition motif. (aka RRM, RBD, or RNP domain)
 PLACE1003366//C2 domain
 PLACE1003394//Ras family (contains ATP/GTP binding P-loop)
 PLACE1003420//Mitochondrial carrier proteins
 PLACE1003493//C1q domain
 15 PLACE1003519//KH domain family of RNA binding-proteins
 PLACE1003723//Src homology domain 2
 PLACE1003738//Zinc finger, C2H2 type
 PLACE1003888//C2 domain //Phosphatidylinositol-specific phospholipase C, X domain //Phosphatidylinositol-specific phospholipase C, Y domain
 20 PLACE1004128//WD domain, G-beta repeats
 PLACE1004358//PH (pleckstrin homology) domain
 PLACE1004428//Acyl-CoA dehydrogenases
 PLACE1004437//Isocitrate and isopropylmalate dehydrogenases
 PLACE1004506//LIM domain containing proteins
 25 PLACE1004674//EF hand
 PLACE1004918//L-lactate dehydrogenases
 PLACE1005243//Eukaryotic protein kinase domain
 PLACE1005305//Adenylate kinases
 PLACE1005327//Src homology domain 3
 30 PLACE1005530//Zinc finger, C3HC4 type (RING finger)
 PLACE1005646//Helicases conserved C-terminal domain
 PLACE1005656//Ribonucleotide reductases
 PLACE1005966//WD domain, G-beta repeats
 PLACE1006157//Sushi domain
 35 PLACE1006196//DEAH and DEAR box helicases //Helicases conserved C-terminal domain
 PLACE1006438//Zinc finger, C2H2 type
 PLACE1006626//Double-stranded RNA binding motif
 PLACE1006754//IG superfamily
 PLACE1006829//Ubiquitin carboxyl-terminal hydrolases family 2 //Ubiquitin carboxyl-terminal hydrolases family 2
 40 PLACE1006917//RNA recognition motif. (aka RRM, RBD, or RNP domain)
 PLACE1006956//ABC transporters
 PLACE1006958//Heat shock hsp70 proteins
 PLACE1007375//C2 domain
 PLACE1007488//PH (pleckstrin homology) domain
 45 PLACE1007511//Intermediate filament proteins
 PLACE1007537//Ank repeat
 PLACE1007544//Zinc finger, C2H2 type
 PLACE1007547//Zinc finger, C3HC4 type (RING finger)
 PLACE1007598//Zinc finger, C2H2 type
 50 PLACE1007697//ABC transporters
 PLACE1007958//3'5'-cyclic nucleotide phosphodiesterases
 PLACE1007969//RNA recognition motif. (aka RRM, RBD, or RNP domain)
 PLACE1008201//Zinc finger, C2H2 type
 PLACE1008429//Ank repeat
 55 PLACE1008465//Zinc finger, C2H2 type
 PLACE1008650//WD domain, G-beta repeats
 PLACE1009020//Aminotransferases class-V
 PLACE1009094//von Willebrand factor type C domain

PLACE1009099//Zinc finger, C2H2 type
 PLACE1009246//LIM domain containing proteins
 PLACE1009468//WD domain, G-beta repeats
 PLACE1009476//DEAD and DEAH box helicases //Helicases conserved C-terminal domain
 5 PLACE1009524//PH (pleckstrin homology) domain
 PLACE1009596//WD domain, G-beta repeats
 PLACE1009622//Double-stranded RNA binding motif
 PLACE1009861//Cysteine proteases
 PLACE1009925//Helicases conserved C-terminal domain
 10 PLACE1009992//CUB domain //EGF-like domain //Sushi domain //Trypsin
 PLACE1010053//Double-stranded RNA binding motif
 PLACE1010089//Ubiquitin carboxyl-terminal hydrolases family 2
 PLACE1010702//Zinc finger, C2H2 type
 PLACE1010833//EF hand
 15 PLACE1010926//Src homology domain 3
 PLACE1010960//Actins
 PLACE1011041//Src homology domain 3
 PLACE1011046//C2 domain //Phosphatidylinositol-specific phospholipase C, X domain //Phosphatidylinositol-spe-
 cific phospholipase C, Y domain
 20 PLACE1011114//Helicases conserved C-terminal domain :
 PLACE1011160//Zinc finger, C3HC4 type (RING finger)
 PLACE1011263//Ank repeat
 PLACE1011433//Zinc finger, C2H2 type
 PLACE1011576//Zinc finger, C2H2 type
 25 PLACE1011923//Eukaryotic protein kinase domain
 PLACE2000034//Fibronectin type III domain //IG superfamily
 PLACE2000072//Zinc finger, C2H2 type
 PLACE2000111//IG superfamily
 PLACE2000164//WD domain, G-beta repeats
 30 PLACE2000216//PH (pleckstrin homology) domain
 PLACE2000341//Sodium:solute symporter family
 PLACE2000371//Src homology domain 2
 PLACE2000373//Thrombospondin type 1 domain
 PLACE2000398//IG superfamily
 35 PLACE2000427//Helicases conserved C-terminal domain
 PLACE2000458//Cadherin
 PLACE3000020//Guanylate cyclases
 PLACE3000169//Zinc finger, C2H2 type
 PLACE4000014//Helicases conserved C-terminal domain
 40 PLACE4000052//ABC transporters
 PLACE4000192//Zinc finger, C2H2 type
 PLACE4000211//Bromodomain
 PLACE4000431//Helicases conserved C-terminal domain
 PLACE4000522//Ank repeat
 45 PLACE4000581//EGF-like domain //Sushi domain
 PLACE4000654//Ubiquitin-conjugating enzymes
 THYRO1000072//IG superfamily
 THYRO1000242//Zinc finger, C2H2 type
 THYRO1000288//Zinc-binding metalloprotease domain
 50 THYRO1000488//Zinc finger, C3HC4 type (RING finger)
 THYRO1000501//Zinc finger, C3HC4 type (RING finger)
 THYRO1000666//Kinesin motor domain
 THYRO1000748//Src homology domain 3
 THYRO1000926//3' 5'-cyclic nucleotide phosphodiesterases
 55 THYRO1001661//RNA recognition motif. (aka RRM, RBD, or RNP domain)
 THYRO1001671//Ubiquitin family
 Y79AA1000037//Zinc finger, C3HC4 type (RING finger)
 Y79AA1000214//Core histones H2A, H2B, H3 and H4

Y79AA1000342//Zinc finger, C2H2 type
 Y79AA1000349//Double-stranded RNA binding motif
 Y79AA1000627//Zinc finger, C2H2 type
 Y79AA1000705//Helicases conserved C-terminal domain
 5 Y79AA1000752//KH domain family of RNA binding proteins
 Y79AA1000833//Tubulin
 Y79AA1001048//Acyl-CoA dehydrogenases
 Y79AA1001391//Homeobox domain
 Y79AA1001394//ATPases associated with various cellular activities (AAA)
 10 Y79AA1001493//Ubiquitin-conjugating enzymes
 Y79AA1001613//Zinc finger, C2H2 type
 Y79AA1001874//TNFR/NGFR cysteine-rich region
 Y79AA1002027//Ubiquitin-conjugating enzymes
 Y79AA1002139//DnaJ, prokaryotic heat shock protein
 15 Y79AA1002208//Ank repeat
 Y79AA1002246//C2 domain
 Y79AA1002307//Fibronectin type III domain
 Y79AA1002472//Zinc finger, C2H2 type
 HEMBA1003538//CUB domain HEMBA1003645//WD domain, G-beta repeats //Src homology domain 3
 20 HEMBA1005206//Glutathione S-transferases.
 HEMBA1006521//Alcohol/other dehydrogenases, short chain type
 HEMBB1001482//Zinc finger, C2H2 type HEMBB1001915//Ubiquitin carboxyl-terminal hydrolases family 2 //Ubiquitin carboxyl-terminal hydrolases family 2 HEMBB1002044//Cadherin MAMMA1000183//Zinc finger, C2H2 type
 MAMMA1000897//von Willebrand factor type A domain MAMMA1001080//IG superfamily MAMMA1002498//IG
 25 superfamily MAMMA1002573//KH domain family of RNA binding proteins MAMMA1002617//Zinc finger, C2H2 type
 NT2RM1000833//eubacterial secY protein NT2RM2001797//Zinc finger, C2H2 type
 NT2RP1001013//Zinc finger, C2H2 type NT2RP2001233//Zinc finger, C2H2 type
 NT2RP2001440//14-3-3 proteins NT2RP2002105//7 transmembrane receptor (rhodopsin family)
 NT2RP3001723//Laminin G domain NT2RP3001938//Eukaryotic protein kinase domain NT2RP3002330//Elongation factor Tu family (contains ATP/GTP binding P-loop) NT2RP3003133//Zinc finger, C2H2 type
 30 NT2RP3003500//Eukaryotic protein kinase domain NT2RP3003799//C2 domain
 NT2RP3003800//Eukaryotic protein kinase domain NT2RP3004013//Double-stranded RNA binding motif
 NT2RP3004125//Zinc finger, C2H2 type
 OVARC1001244//Bromodomain OVARC1001496//D-isomer specific 2-hydroxyacid dehydrogenases
 35 PLACE1000007//Ubiquitin carboxyl-terminal hydrolases family 2 //Ubiquitin carboxyl-terminal hydrolases family 2
 PLACE1001118//Zinc finger, C2H2 type PLACE1010310//Zinc finger, C2H2 type PLACE1011896//wnt family of developmental signaling proteins PLACE3000124//Src homology domain 2
 PLACE4000100//D-isomer specific 2-hydroxyacid dehydrogenases
 PLACE4000259//Helicases conserved C-terminal domain PLACE4000261//Bromodomain SKNMC1000013//ABC
 40 transporters SKNMC1000091//Basic region plus leucine zipper transcription factors THYRO1000343//Src homology domain 3 THYRO1000569//Zinc finger, C2H2 type THYRO1001189//Zinc finger, C2H2 type Y79AA1002103//Zinc finger, C2H2 type PLACE3000350//Eukaryotic protein kinase domain
 PLACE4000156//Zinc finger, C2H2 type

45 EXAMPLE 18

Classification of cDNA clones into functional categories based on the full-length nucleotide sequences

[0257] Prediction of functions of proteins encoded by the clones and the categorization thereof were performed based
 50 on the results of homology search (see Homology search results 6, 12, 13 and 14) of the databases, GenBank, Swiss-Prot and UniGene, for the full-length nucleotide sequences of 4997 clones and based on the results of domain search (see Example 17) of the deduced amino acid sequences encoded by the full-length nucleotide sequences. The target 4997 clones are listed below:

55 HEMBA1000005, HEMBA1000012, HEMBA1000020, HEMBA1000030, HEMBA1000042, HEMBA1000046,
 HEMBA1000050, HEMBA1000076, HEMBA1000129, HEMBA1000141, HEMBA1000150, HEMBA1000156,
 HEMBA1000158, HEMBA1000168, HEMBA1000185, HEMBA1000193, HEMBA1000201, HEMBA1000213,
 HEMBA1000216, HEMBA1000227, HEMBA1000231, HEMBA1000243, HEMBA1000244, HEMBA1000251,
 HEMBA1000264, HEMBA1000280, HEMBA1000282, HEMBA1000288, HEMBA1000290, HEMBA1000302,

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	HEMBA1000303,	HEMBA1000304,	HEMBA1000307,	HEMBA1000327,	HEMBA1000333,	HEMBA1000338,
	HEMBA1000351,	HEMBA1000356,	HEMBA1000357,	HEMBA1000369,	HEMBA1000376,	HEMBA1000387,
	HEMBA1000392,	HEMBA1000396,	HEMBA1000411,	HEMBA1000428,	HEMBA1000442,	HEMBA1000456,
	HEMBA1000459,	HEMBA1000460,	HEMBA1000469,	HEMBA1000488,	HEMBA1000491,	HEMBA1000497,
5	HEMBA1000501,	HEMBA1000504,	HEMBA1000505,	HEMBA1000508,	HEMBA1000518,	HEMBA1000519,
	HEMBA1000520,	HEMBA1000523,	HEMBA1000531,	HEMBA1000534,	HEMBA1000542,	HEMBA1000545,
	HEMBA1000555,	HEMBA1000557,	HEMBA1000561,	HEMBA1000568,	HEMBA1000569,	HEMBA1000575,
	HEMBA1000588,	HEMBA1000591,	HEMBA1000592,	HEMBA1000594,	HEMBA1000604,	HEMBA1000608,
	HEMBA1000622,	HEMBA1000636,	HEMBA1000637,	HEMBA1000655,	HEMBA1000657,	HEMBA1000673,
10	HEMBA1000682,	HEMBA1000686,	HEMBA1000702,	HEMBA1000719,	HEMBA1000722,	HEMBA1000726,
	HEMBA1000727,	HEMBA1000749,	HEMBA1000752,	HEMBA1000769,	HEMBA1000773,	HEMBA1000774,
	HEMBA1000817,	HEMBA1000822,	HEMBA1000843,	HEMBA1000851,	HEMBA1000852,	HEMBA1000867,
	HEMBA1000869,	HEMBA1000870,	HEMBA1000872,	HEMBA1000876,	HEMBA1000908,	HEMBA1000910,
	HEMBA1000918,	HEMBA1000919,	HEMBA1000934,	HEMBA1000942,	HEMBA1000943,	HEMBA1000946,
15	HEMBA1000960,	HEMBA1000968,	HEMBA1000971,	HEMBA1000972,	HEMBA1000975,	HEMBA1000985,
	HEMBA1000986,	HEMBA1000991,	HEMBA1001008,	HEMBA1001009,	HEMBA1001019,	HEMBA1001020,
	HEMBA1001022,	HEMBA1001024,	HEMBA1001026,	HEMBA1001043,	HEMBA1001051,	HEMBA1001052,
	HEMBA1001059,	HEMBA1001060,	HEMBA1001071,	HEMBA1001077,	HEMBA1001080,	HEMBA1001085,
	HEMBA1001088,	HEMBA1001094,	HEMBA1001099,	HEMBA1001109,	HEMBA1001121,	HEMBA1001122,
20	HEMBA1001123,	HEMBA1001133,	HEMBA1001137,	HEMBA1001140,	HEMBA1001174,	HEMBA1001197,
	HEMBA1001208,	HEMBA1001213,	HEMBA1001226,	HEMBA1001235,	HEMBA1001247,	HEMBA1001257,
	HEMBA1001281,	HEMBA1001286,	HEMBA1001299,	HEMBA1001302,	HEMBA1001303,	HEMBA1001310,
	HEMBA1001319,	HEMBA1001323,	HEMBA1001326,	HEMBA1001327,	HEMBA1001330,	HEMBA1001351,
	HEMBA1001361,	HEMBA1001375,	HEMBA1001377,	HEMBA1001383,	HEMBA1001387,	HEMBA1001388,
25	HEMBA1001391,	HEMBA1001398,	HEMBA1001405,	HEMBA1001407,	HEMBA1001411,	HEMBA1001413,
	HEMBA1001415,	HEMBA1001432,	HEMBA1001433,	HEMBA1001435,	HEMBA1001442,	HEMBA1001446,
	HEMBA1001450,	HEMBA1001455,	HEMBA1001463,	HEMBA1001497,	HEMBA1001510,	HEMBA1001515,
	HEMBA1001522,	HEMBA1001526,	HEMBA1001533,	HEMBA1001557,	HEMBA1001566,	HEMBA1001569,
	HEMBA1001570,	HEMBA1001579,	HEMBA1001581,	HEMBA1001589,	HEMBA1001595,	HEMBA1001608,
30	HEMBA1001620,	HEMBA1001635,	HEMBA1001636,	HEMBA1001640,	HEMBA1001647,	HEMBA1001651,
	HEMBA1001655,	HEMBA1001658,	HEMBA1001661,	HEMBA1001672,	HEMBA1001675,	HEMBA1001702,
	HEMBA1001711,	HEMBA1001712,	HEMBA1001714,	HEMBA1001723,	HEMBA1001731,	HEMBA1001734,
	HEMBA1001744,	HEMBA1001745,	HEMBA1001746,	HEMBA1001750,	HEMBA1001781,	HEMBA1001784,
	HEMBA1001791,	HEMBA1001803,	HEMBA1001804,	HEMBA1001809,	HEMBA1001815,	HEMBA1001819,
35	HEMBA1001820,	HEMBA1001822,	HEMBA1001824,	HEMBA1001835,	HEMBA1001847,	HEMBA1001864,
	HEMBA1001866,	HEMBA1001869,	HEMBA1001888,	HEMBA1001896,	HEMBA1001910,	HEMBA1001912,
	HEMBA1001913,	HEMBA1001915,	HEMBA1001918,	HEMBA1001921,	HEMBA1001939,	HEMBA1001940,
	HEMBA1001942,	HEMBA1001950,	HEMBA1001964,	HEMBA1001967,	HEMBA1001987,	HEMBA1002018,
	HEMBA1002022,	HEMBA1002035,	HEMBA1002039,	HEMBA1002049,	HEMBA1002084,	HEMBA1002092,
40	HEMBA1002100,	HEMBA1002102,	HEMBA1002113,	HEMBA1002119,	HEMBA1002125,	HEMBA1002139,
	HEMBA1002150,	HEMBA1002151,	HEMBA1002160,	HEMBA1002161,	HEMBA1002162,	HEMBA1002166,
	HEMBA1002177,	HEMBA1002185,	HEMBA1002189,	HEMBA1002191,	HEMBA1002199,	HEMBA1002204,
	HEMBA1002212,	HEMBA1002215,	HEMBA1002229,	HEMBA1002237,	HEMBA1002241,	HEMBA1002265,
	HEMBA1002267,	HEMBA1002328,	HEMBA1002337,	HEMBA1002341,	HEMBA1002348,	HEMBA1002349,
45	HEMBA1002363,	HEMBA1002381,	HEMBA1002417,	HEMBA1002419,	HEMBA1002430,	HEMBA1002439,
	HEMBA1002458,	HEMBA1002460,	HEMBA1002462,	HEMBA1002469,	HEMBA1002475,	HEMBA1002477,
	HEMBA1002486,	HEMBA1002495,	HEMBA1002498,	HEMBA1002503,	HEMBA1002508,	HEMBA1002513,
	HEMBA1002515,	HEMBA1002538,	HEMBA1002542,	HEMBA1002547,	HEMBA1002552,	HEMBA1002555,
	HEMBA1002558,	HEMBA1002569,	HEMBA1002583,	HEMBA1002609,	HEMBA1002621,	HEMBA1002624,
50	HEMBA1002629,	HEMBA1002645,	HEMBA1002659,	HEMBA1002661,	HEMBA1002666,	HEMBA1002678,
	HEMBA1002679,	HEMBA1002688,	HEMBA1002696,	HEMBA1002703,	HEMBA1002712,	HEMBA1002716,
	HEMBA1002742,	HEMBA1002746,	HEMBA1002748,	HEMBA1002750,	HEMBA1002768,	HEMBA1002770,
	HEMBA1002777,	HEMBA1002779,	HEMBA1002780,	HEMBA1002794,	HEMBA1002801,	HEMBA1002810,
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	THYRO1000558,	THYRO1000569,	THYRO1000570,	THYRO1000585,	THYRO1000596,	THYRO1000605,
	THYRO1000625,	THYRO1000637,	THYRO1000662,	THYRO1000666,	THYRO1000676,	THYRO1000684,
	THYRO1000712,	THYRO1000715,	THYRO1000734,	THYRO1000748,	THYRO1000756,	THYRO1000777,
40	THYRO1000783,	THYRO1000787,	THYRO1000793,	THYRO1000796,	THYRO1000805,	THYRO1000815,
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	THYRO1000926,	THYRO1000934,	THYRO1000951,	THYRO1000952,	THYRO1000983,	THYRO1000988,
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	THYRO1001133,	THYRO1001134,	THYRO1001142,	THYRO1001173,	THYRO1001189,	THYRO1001204,
45	THYRO1001213,	THYRO1001262,	THYRO1001271,	THYRO1001287,	THYRO1001313,	THYRO1001320,
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	THYRO1001541,	THYRO1001559,	THYRO1001570,	THYRO1001584,	THYRO1001595,	THYRO1001602,
50	THYRO1001605,	THYRO1001617,	THYRO1001637,	THYRO1001656,	THYRO1001661,	THYRO1001671,
	THYRO1001673,	THYRO1001703,	THYRO1001706,	THYRO1001721,	THYRO1001738,	THYRO1001745,
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55	Y79AA1000230,	Y79AA1000231,	Y79AA1000258,	Y79AA1000268,	Y79AA1000313,	Y79AA1000328,
	Y79AA1000342,	Y79AA1000346,	Y79AA1000349,	Y79AA1000355,	Y79AA1000368,	Y79AA1000410,
	Y79AA1000420,	Y79AA1000469,	Y79AA1000480,	Y79AA1000539,	Y79AA1000540,	Y79AA1000560,
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 15 Y79AA1002246, Y79AA1002258, Y79AA1002298, Y79AA1002307, Y79AA1002311, Y79AA1002351,
 Y79AA1002361, Y79AA1002399, Y79AA1002407, Y79AA1002416, Y79AA1002431, Y79AA1002433,
 Y79AA1002472, Y79AA1002482, Y79AA1002487,

[0258] Among the 4997 clones, there are 2189 clones that presumably encode proteins belonging to any of the categories of secretory or membrane proteins, glycoprotein-associated proteins, signal transduction-associated proteins, transcription-associated proteins, disease-associated proteins, enzymes and/or metabolism-associated proteins, ATP- and/or GTP-binding proteins, nuclear proteins, DNA- and/or RNA-binding proteins, RNA synthesis-associated proteins, protein synthesis- and/or protein transport-associated proteins, cytoskeleton-associated proteins, cell division- and/or cell proliferation-associated proteins, embryogenesis- and/or development-associated proteins, or cellular defense-associated proteins.

[0259] The clones that presumably encode proteins belonging to the category of secretory or membrane proteins are those which matched the full-length sequences of Swiss-Prot database with the keywords "growth factor", "cytokine", "hormone", "signal", "transmembrane", "membrane", "extracellular matrix", "receptor", "G-protein coupled receptor", "ionic channel", "voltage-gated channel", "calcium channel", "cell adhesion", "collagen", or "connective tissue"; those which matched the data, suggesting that the proteins are secretory or membrane proteins; or those which matched the full-length sequences of GenBank or UniGene database with similar description; and, further, those predicted to have an N-terminal signal sequence or a transmembrane region as a result of domain search for the amino acid sequences deduced from the full-length nucleotide sequences.

[0260] The clones that presumably encode proteins belonging to the category of glycoprotein-associated proteins are those which matched the full-length sequences of Swiss-Prot database with the keywords "glycoprotein"; those which matched the data, suggesting that the proteins are glycoprotein; or those which matched the full-length sequences of GenBank or UniGene database with similar description.

[0261] The clones that presumably encode proteins belonging to the category of signal transduction-associated proteins are those which matched the full-length sequences of Swiss-Prot database with the keywords "serine/threonine-protein kinase", "tyrosine-protein kinase", or "SH3 domain"; those which matched the data, suggesting that the proteins are signal transduction-associated proteins (for example, "ADP-ribosylation factor"); or those which matched the full-length sequences of GenBank or UniGene database with similar description.

[0262] The clones that presumably encode proteins belonging to the category of transcription-associated proteins are those which matched the full-length sequences of Swiss-Prot database with the keywords "transcription regulation", "zinc finger", or "homeobox"; those which matched the data, suggesting that the proteins are transcription-associated proteins; or those which matched the full-length sequences of GenBank or UniGene database with similar description.

[0263] The clones that presumably encode proteins belonging to the category of disease-associated proteins are those which matched the full-length sequences of Swiss-Prot database with the keywords "disease mutation" or "syndrome"; those which matched the data, suggesting that the proteins are disease-associated proteins; or those which matched the full-length sequences of Swiss-Prot database and GenBank or UniGene database where the matched sequences of genes or proteins which had been registered in the database of Online Mendelian Inheritance in Man (OMIM) (<http://www.ncbi.nlm.nih.gov/Omim/>), which is a database of human genes and diseases.

[0264] The clones that presumably encode proteins belonging to the category of enzymes and/or metabolism-associated proteins are those which showed the terms "metabolism", "oxidoreductase", or "E.C. No. (Enzyme commission number)" in the matching data.

[0265] The clones that presumably encode proteins belonging to the category of ATP- and/or GTP-binding proteins are those which matched the data with the terms "ATP-binding" or "GTP-binding".

[0266] The clones that presumably encode proteins belonging to the category of nuclear proteins are those which matched the data with the terms "nuclear protein".

[0267] The clones that presumably encode proteins belonging to the category of DNA- and/or RNA-binding proteins are those which matched the data with the terms "DNA-binding" or "RNA-binding".

[0268] The clones that presumably encode proteins belonging to the category of RNA synthesis-associated proteins are those which matched the data with the terms "RNA splicing", "RNA processing", "RNA helicase", or "polyadenylation".

[0269] The clones that presumably encode proteins belonging to the category of protein synthesis- and/or protein transport-associated proteins are those which matched the data with the terms "translation regulation", "protein biosynthesis", "amino-acid biosynthesis", "ribosomal protein", "protein transport", or "signal recognition particle".

[0270] The clones that presumably encode proteins belonging to the category of cytoskeleton-associated proteins are those which matched the data with the terms "structural protein", "cytoskeleton", "actin-binding", or "microtubules".

[0271] The clones that presumably encode proteins belonging to the category of cell division- and/or cell proliferation-associated proteins are those which matched the data with the terms "cell division", "cell cycle", "mitosis", "chromosomal protein", "cell growth", or "apoptosis".

[0272] The clones that presumably encode proteins belonging to the category of embryogenesis- and/or development-associated proteins are those which matched the data with the terms "developmental protein".

[0273] The clones that presumably encode proteins belonging to the category of cellular defense-associated proteins are those which matched the data with the terms "heat shock", "DNA repair", or "DNA damage".

[0274] When a clone belonged to the above-mentioned multiple functional categories, the clone was classified into the multiple categories. However, the functions of the protein encoded by the clone are not limited to the functions of the categories into which the clone was classified, and therefore, additional functions can be found for the protein by further analyses.

[0275] The following 796 clones are categorized into secretory or membrane proteins.

HEMBA1000356,	HEMBA1000518,	HEMBA1000531,	HEMBA1000637,	HEMBA1000719,	HEMBA1000817,
HEMBA1000822,	HEMBA1000852,	HEMBA1000870,	HEMBA1000991,	HEMBA1001052,	HEMBA1001071,
HEMBA1001085,	HEMBA1001286,	HEMBA1001351,	HEMBA1001407,	HEMBA1001446,	HEMBA1001515,
HEMBA1001557,	HEMBA1001569,	HEMBA1001661,	HEMBA1001734,	HEMBA1001746,	HEMBA1001866,
HEMBA1002125,	HEMBA1002150,	HEMBA1002166,	HEMBA1002417,	HEMBA1002462,	HEMBA1002475,
HEMBA1002477,	HEMBA1002486,	HEMBA1002609,	HEMBA1002659,	HEMBA1002661,	HEMBA1002780,
HEMBA1002818,	HEMBA1002876,	HEMBA1002921,	HEMBA1003071,	HEMBA1003077,	HEMBA1003079,
HEMBA1003086,	HEMBA1003096,	HEMBA1003281,	HEMBA1003286,	HEMBA1003538,	HEMBA1003711,
HEMBA1003742,	HEMBA1003803,	HEMBA1004055,	HEMBA1004143,	HEMBA1004146,	HEMBA1004207,
HEMBA1004341,	HEMBA1004461,	HEMBA1004577,	HEMBA1004637,	HEMBA1004752,	HEMBA1004756,
HEMBA1004850,	HEMBA1004889,	HEMBA1004923,	HEMBA1004930,	HEMBA1005029,	HEMBA1005035,
HEMBA1005050,	HEMBA1005552,	HEMBA1005576,	HEMBA1005581,	HEMBA1005588,	HEMBA1005616,
HEMBA1005699,	HEMBA1005991,	HEMBA1006036,	HEMBA1006038,	HEMBA1006067,	HEMBA1006173,
HEMBA1006198,	HEMBA1006293,	HEMBA1006310,	HEMBA1006492,	HEMBA1006502,	HEMBA1006583,
HEMBA1006659,	HEMBA1006758,	HEMBA1006789,	HEMBA1006921,	HEMBA1006926,	HEMBA1006976,
HEMBA1007203,	HEMBA1007301,	HEMBA1000037,	HEMBA1000050,	HEMBA1000054,	HEMBA1000175,
HEMBA1000317,	HEMBA1000556,	HEMBA1000593,	HEMBA1000631,	HEMBA1000763,	HEMBA1000827,
HEMBA1000915,	HEMBA1000975,	HEMBA1001112,	HEMBA1001151,	HEMBA1001177,	HEMBA1001302,
HEMBA1001348,	HEMBA1001564,	HEMBA1001630,	HEMBA1001871,	HEMBA1001872,	HEMBA1001925,
HEMBA1001962,	HEMBA1002042,	HEMBA1002044,	HEMBA1002142,	HEMBA1002190,	HEMBA1002193,
HEMBA1002247,	HEMBA1002383,	HEMBA1002387,	HEMBA1002550,	HEMBA1002600,	HEMBA1002692,
MAMMA1000045,	MAMMA1000129,	MAMMA1000133,	MAMMA1000277,	MAMMA1000278,	MAMMA1000410,
MAMMA1000416,	MAMMA1000472,	MAMMA1000672,	MAMMA1000684,	MAMMA1000714,	MAMMA1000734,
MAMMA1000778,	MAMMA1000798,	MAMMA1000842,	MAMMA1000859,	MAMMA1000897,	MAMMA1000956,
MAMMA1001008,	MAMMA1001030,	MAMMA1001041,	MAMMA1001073,	MAMMA1001080,	MAMMA1001139,
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MAMMA1001754,	MAMMA1001771,	MAMMA1002009,	MAMMA1002427,	MAMMA1002428,	MAMMA1002461,
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MAMMA1003089,	MAMMA1003146,	MAMMA1003150,	NT2RM1000035,	NT2RM1000037,	NT2RM1000062,
NT2RM1000080,	NT2RM1000092,	NT2RM1000131,	NT2RM1000199,	NT2RM1000257,	NT2RM1000260,
NT2RM1000355,	NT2RM1000430,	NT2RM1000563,	NT2RM1000648,	NT2RM1000742,	NT2RM1000770,
NT2RM1000800,	NT2RM1000811,	NT2RM1000833,	NT2RM1000857,	NT2RM1000867,	NT2RM1000882,
NT2RM1000905,	NT2RM1001008,				
NT2RM1001115,	NT2RM1001139,	NT2RM2000259,	NT2RM2000260,	NT2RM2000287,	NT2RM2000395,
NT2RM2000402,	NT2RM2000407,	NT2RM2000422,	NT2RM2000490,	NT2RM2000522,	NT2RM2000566,

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	NT2RM2001547,	NT2RM2001613,	NT2RM2001648,	NT2RM2001659,	NT2RM2001671,	NT2RM2001688,
	NT2RM2001698,	NT2RM2001718,	NT2RM2001753,	NT2RM2001760,	NT2RM2001785,	NT2RM2001930,
	NT2RM2001950,	NT2RM2001997,	NT2RM2001998,	NT2RM2002049,	NT2RM2002145,	NT2RM4000233,
5	NT2RM4000433,	NT2RM4000457,	NT2RM4000486,	NT2RM4000496,	NT2RM4000520,	NT2RM4000634,
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	NT2RM4000857,	NT2RM4001032,	NT2RM4001054,	NT2RM4001116,	NT2RM4001455,	NT2RM4001666,
	NT2RM4001810,	NT2RM4001813,	NT2RM4001930,	NT2RM4001987,	NT2RM4002054,	NT2RM4002073,
	NT2RM4002145,	NT2RM4002146,	NT2RM4002189,	NT2RM4002194,	NT2RM4002251,	NT2RM4002339,
10	NT2RM4002438,	NT2RM4002446,	NT2RM4002452,	NT2RM4002460,	NT2RM4002493,	NT2RM4002558,
	NT2RM4002565,	NT2RM4002571,	NT2RM4002594,	NT2RP1000130,	NT2RP1000191,	NT2RP1000326,
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	NT2RP1000767,	NT2RP1000782,	NT2RP1000856,	NT2RP1001113,	NT2RP1001247,	NT2RP1001286,
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15	NT2RP1001569,	NT2RP2000032,	NT2RP2000040,	NT2RP2000056,	NT2RP2000070,	NT2RP2000091,
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	NT2RP2000660,	NT2RP2000842,	NT2RP2000892,	NT2RP2001081,	NT2RP2001268,	NT2RP2001295,
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25	NT2RP2004270,	NT2RP2004300,	NT2RP2004392,	NT2RP2004655,	NT2RP2004681,	NT2RP2004775,
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	NT2RP3000441,	NT2RP3000531,	NT2RP3000685,	NT2RP3000825,	NT2RP3000826,	NT2RP3000852,
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	NT2RP3001497,	NT2RP3001538,	NT2RP3001589,	NT2RP3001642,	NT2RP3001708,	NT2RP3001716,
35	NT2RP3001727,	NT2RP3001739,	NT2RP3001799,	NT2RP3001943,	NT2RP3001944,	NT2RP3002002,
	NT2RP3002007,	NT2RP3002014,	NT2RP3002054,	NT2RP3002108,	NT2RP3002163,	NT2RP3002351,
	NT2RP3002455,	NT2RP3002549,	NT2RP3002602,	NT2RP3002628,	NT2RP3002650,	NT2RP3002687,
	NT2RP3002701,	NT2RP3002810,	NT2RP3002869,	NT2RP3002969,	NT2RP3002985,	NT2RP3003008,
	NT2RP3003059,	NT2RP3003071,	NT2RP3003101,	NT2RP3003145,	NT2RP3003197,	NT2RP3003203,
40	NT2RP3003242,	NT2RP3003302,	NT2RP3003353,	NT2RP3003409,	NT2RP3003576,	NT2RP3003621,
	NT2RP3003665,	NT2RP3003672,	NT2RP3003701,	NT2RP3003716,	NT2RP3003799,	NT2RP3003828,
	NT2RP3003914,	NT2RP3003918,	NT2RP3003992,	NT2RP3004051,	NT2RP3004148,	NT2RP3004155,
	NT2RP3004207,	NT2RP3004282,	NT2RP3004454,	NT2RP3004480,	NT2RP3004503,	NT2RP4000008,
	NT2RP4000051,	NT2RP4000151,	NT2RP4000212,	NT2RP4000243,	NT2RP4000259,	NT2RP4000323,
45	NT2RP4000417,	NT2RP4000500,	NT2RP4000524,	NT2RP4000556,	NT2RP4000560,	NT2RP4000588,
	NT2RP4000713,	NT2RP4000724,	NT2RP4000817,	NT2RP4000833,	NT2RP4000878,	NT2RP4000907,
	NT2RP4000925,	NT2RP4000928,	NT2RP4000973,	NT2RP4000989,	NT2RP4001057,	NT2RP4001064,
	NT2RP4001079,	NT2RP4001117,	NT2RP4001138,	NT2RP4001149,	NT2RP4001150,	NT2RP4001174,
	NT2RP4001219,	NT2RP4001274,	NT2RP4001313,	NT2RP4001345,	NT2RP4001372,	NT2RP4001373,
50	NT2RP4001379,	NT2RP4001498,	NT2RP4001547,	NT2RP4001571,	NT2RP4001574,	NT2RP4001644,
	NT2RP4001656,	NT2RP4001677,	NT2RP4001730,	NT2RP4001739,	NT2RP4001803,	NT2RP4001822,
	NT2RP4001823,	NT2RP4001950,	NT2RP4001975,	NT2RP4002052,	NT2RP4002075,	NT2RP5003500,
	NT2RP5003506,	NT2RP5003522,	NT2RP5003534,	OVARC1000060,	OVARC1000335,	OVARC1000682,
	OVARC1000689,	OVARC1000700,	OVARC1000722,	OVARC1000751,	OVARC1000850,	OVARC1000890,
55	OVARC1000924,	OVARC1000936,	OVARC1000959,	OVARC1000984,	OVARC1000999,	OVARC1001034,
	OVARC1001055,	OVARC1001117,	OVARC1001129,	OVARC1001154,	OVARC1001329,	OVARC1001381,
	OVARC1001391,	OVARC1001453,	OVARC1001476,	OVARC1001506,	OVARC1001610,	OVARC1001702,
	OVARC1001703,	OVARC1001713,	OVARC1001745,	OVARC1001767,	OVARC1002127,	OVARC1002138,

	OVARC1002158,	OVARC1002165,	PLACE1000014,	PLACE1000213,	PLACE1000401,	PLACE1000562,
	PLACE1000611,	PLACE1000656,	PLACE1000712,	PLACE1000793,	PLACE1000909,	PLACE1000948,
	PLACE1000977,	PLACE1001241,	PLACE1001257,	PLACE1001377,	PLACE1001517,	PLACE1001610,
	PLACE1001761,	PLACE1001771,	PLACE1001817,	PLACE1001983,	PLACE1002046,	PLACE1002140,
5	PLACE1002213,	PLACE1002395,	PLACE1002437,	PLACE1002500,	PLACE1002583,	PLACE1002714,
	PLACE1002722,	PLACE1002782,	PLACE1002794,	PLACE1002851,	PLACE1002908,	PLACE1003030,
	PLACE1003044,	PLACE1003045,	PLACE1003238,	PLACE1003296,	PLACE1003369,	PLACE1003420,
	PLACE1003493,	PLACE1003537,	PLACE1003553,	PLACE1003596,	PLACE1003760,	PLACE1003768,
	PLACE1003771,	PLACE1003903,	PLACE1004149,	PLACE1004197,	PLACE1004203,	PLACE1004258,
10	PLACE1004270,	PLACE1004277,	PLACE1004289,	PLACE1004473,	PLACE1004629,	PLACE1004646,
	PLACE1004743,	PLACE1004751,	PLACE1004793,	PLACE1004840,	PLACE1004969,	PLACE1005086,
	PLACE1005162,	PLACE1005206,	PLACE1005313,	PLACE1005467,	PLACE1005530,	PLACE1005595,
	PLACE1005611,	PLACE1005623,	PLACE1005763,	PLACE1005884,	PLACE1005890,	PLACE1005898,
	PLACE1005934,	PLACE1005953,	PLACE1006157,	PLACE1006225,	PLACE1006239,	PLACE1006288,
15	PLACE1006492,	PLACE1006534,	PLACE1006678,	PLACE1006754,	PLACE1006901,	PLACE1006935,
	PLACE1006956,	PLACE1007111,	PLACE1007243,	PLACE1007274,	PLACE1007282,	PLACE1007317,
	PLACE1007375,	PLACE1007386,	PLACE1007409,	PLACE1007416,	PLACE1007484,	PLACE1007583,
	PLACE1007632,	PLACE1007645,	PLACE1007649,	PLACE1007852,	PLACE1007877,	PLACE1007954,
	PLACE1008273,	PLACE1008309,	PLACE1008331,	PLACE1008402,	PLACE1008424,	PLACE1008429,
20	PLACE1008531,	PLACE1008532,	PLACE1008533,	PLACE1008568,	PLACE1008643,	PLACE1008693,
	PLACE1008715,	PLACE1009045,	PLACE1009094,	PLACE1009298,	PLACE1009319,	PLACE1009338,
	PLACE1009368,	PLACE1009493,	PLACE1009639,	PLACE1009659,	PLACE1009708,	PLACE1009731,
	PLACE1009845,	PLACE1009861,	PLACE1009935,	PLACE1009992,	PLACE1010089,	PLACE1010231,
	PLACE1010321,	PLACE1010362,	PLACE1010599,	PLACE1010622,	PLACE1010662,	PLACE1010811,
25	PLACE1010917,	PLACE1010942,	PLACE1010954,	PLACE1011090,	PLACE1011214,	PLACE1011221,
	PLACE1011371,	PLACE1011399,	PLACE1011492,	PLACE1011646,	PLACE1011749,	PLACE1011896,
	PLACE2000034,	PLACE2000062,	PLACE2000111,	PLACE2000132,	PLACE2000176,	PLACE2000187,
	PLACE2000216,	PLACE2000335,	PLACE2000341,	PLACE2000373,	PLACE2000379,	PLACE2000398,
	PLACE2000399,	PLACE2000425,	PLACE2000438,	PLACE2000458,	PLACE2000477,	PLACE3000020,
30	PLACE3000218,	PLACE3000226,	PLACE3000242,	PLACE3000244,	PLACE3000339,	PLACE3000373,
	PLACE3000399,	PLACE3000406,	PLACE3000413,	PLACE3000455,	PLACE4000052,	PLACE4000063,
	PLACE4000129,	PLACE4000247,	PLACE4000250,	PLACE4000259,	PLACE4000300,	PLACE4000387,
	PLACE4000431,	PLACE4000487,	PLACE4000494,	PLACE4000522,	PLACE4000548,	PLACE4000581,
	PLACE4000593,	PLACE4000650,	THYRO1000156,	THYRO1000327,	THYRO1000394,	THYRO1000395,
35	THYRO1000570,	THYRO1000748,	THYRO1000756,	THYRO1000783,	THYRO1001134,	THYRO1001271,
	THYRO1001287,	THYRO1001320,	THYRO1001401,	THYRO1001534,	THYRO1001537,	THYRO1001541,
	THYRO1001828,	Y79AA1000258,	Y79AA1000420,	Y79AA1000469,	Y79AA1000734,	Y79AA1000800,
	Y79AA1000976,	Y79AA1001023,	Y79AA1001177,	Y79AA1001384,	Y79AA1001394,	Y79AA1001603,
	Y79AA1001647,	Y79AA1001846,	Y79AA1001874,	Y79AA1002139,	Y79AA1002246,	Y79AA1002351,
40	Y79AA1002399,	Y79AA1002416,				

[0276] The following 141 clones are categorized into glycoproteins-associated proteins.

	HEMBA1000156,	HEMBA1000518,	HEMBA1000852,	HEMBA1001071,	HEMBA1001286,	HEMBA1001661,
	HEMBA1001734,	HEMBA1001866,	HEMBA1003071,	HEMBA1003077,	HEMBA1003281,	HEMBA1003538,
	HEMBA1003679,	HEMBA1003866,	HEMBA1005576,	HEMBA1005581,	HEMBA1005699,	HEMBA1006038,
45	HEMBA1006976,	HEMBA1007301,	HEMBA1000317,	HEMBA1000915,	HEMBA1001871,	HEMBA1001872,
	HEMBA1002193,	MAMMA1000672,	MAMMA1000897,	MAMMA1001030,	MAMMA1001388,	MAMMA1002329,
	MAMMA1002428,	MAMMA1002573,	MAMMA1003150,	NT2RM1000648,	NT2RM1001115,	NT2RM2000260,
	NT2RM2000407,	NT2RM2000422,	NT2RM2000490,	NT2RM2001499,	NT2RM2001659,	NT2RM2001930,
	NT2RM4000820,	NT2RM4000857,	NT2RM4001810,	NT2RM4001813,	NT2RM4001987,	NT2RM4002145,
50	NT2RM4002189,	NT2RM4002251,	NT2RM4002460,	NT2RM4002558,	NT2RP1000677,	NT2RP1000782,
	NT2RP1000856,	NT2RP1001546,	NT2RP2000056,	NT2RP2000070,	NT2RP2001295,	NT2RP2001378,
	NT2RP2001597,	NT2RP2001991,	NT2RP2002025,	NT2RP2002078,	NT2RP2002385,	NT2RP2004587,
	NT2RP2004732,	NT2RP2005531,	NT2RP3000207,	NT2RP3000531,	NT2RP3000825,	NT2RP3001140,
	NT2RP3002810,	NT2RP3003672,	NT2RP3003701,	NT2RP3003716,	NT2RP3003914,	NT2RP3004148,
55	NT2RP4000212,	NT2RP4000417,	NT2RP4000724,	NT2RP4000817,	NT2RP4000925,	NT2RP4001150,
	NT2RP4001372,	NT2RP4001730,	NT2RP4001822,	NT2RP4001823,	NT2RP5003522,	OVARC1000091,
	OVARC1000288,	OVARC1000682,	OVARC1001055,	OVARC1001506,	OVARC1001713,	OVARC1002127,
	PLACE1000213,	PLACE1000401,	PLACE1002437,	PLACE1002583,		

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	PLACE1002722,	PLACE1003045,	PLACE1003238,	PLACE1003258,	PLACE1003493,	PLACE1004197,
	PLACE1004793,	PLACE1005953,	PLACE1005955,	PLACE1006157,	PLACE1006239,	PLACE1006368,
	PLACE1006534,	PLACE1006754,	PLACE1006956,	PLACE1007416,	PLACE1007632,	PLACE1007649,
	PLACE1008643,	PLACE1009094,	PLACE1009992,	PLACE1010231,	PLACE1010662,	PLACE1011371,
5	PLACE2000034,	PLACE2000373,	PLACE2000398,	PLACE2000399,	PLACE2000438,	PLACE2000458,
	PLACE3000339,	PLACE4000063,	PLACE4000230,	PLACE4000522,	PLACE4000548,	PLACE4000581,
	THYRO1000327, THYRO1000756, THYRO1001287, Y79AA1001603, Y79AA1001874					
	[0277] The following 129 clones are categorized into signal transduction-associated proteins.					
	HEMBA1000303,	HEMBA1000369,	HEMBA1000608,	HEMBA1000657,	HEMBA1000919,	HEMBA1001019,
10	HEMBA1001174,	HEMBA1001822,	HEMBA1001921,	HEMBA1002139,	HEMBA1002212,	HEMBA1002341,
	HEMBA1002417,	HEMBA1002768,	HEMBA1003250,	HEMBA1003291,	HEMBA1003645,	HEMBA1004286,
	HEMBA1005737,	HEMBA1006130,	HEMBA1006708,	HEMBA1000083,	HEMBA1000266,	HEMBA1000632,
	HEMBA1000781,	HEMBA1000831,	HEMBA1002193,	MAMMA1000173,	MAMMA1001038,	MAMMA1001198,
	MAMMA1002842,	MAMMA1003057,	NT2RM1000702,	NT2RM1000772,	NT2RM1001072,	NT2RM2000030,
15	NT2RM2000469,	NT2RM2000612,	NT2RM2001221,	NT2RM2001345,	NT2RM2002128,	NT2RM4000229,
	NT2RM4000354,	NT2RM4000611,	NT2RM4000798,	NT2RM4001411,	NT2RM4001412,	NT2RM4001629,
	NT2RM4001758,	NT2RM4002013,	NT2RM4002527,	NT2RP1000018,	NT2RP1000701,	NT2RP1001294,
	NT2RP1001302,	NT2RP2000668,	NT2RP2001440,	NT2RP2001560,	NT2RP2002058,	NT2RP2002193,
	NT2RP2002408,	NT2RP2002710,	NT2RP2002929,	NT2RP2003164,	NT2RP2003912,	NT2RP2004232,
20	NT2RP2004768,	NT2RP2006071,	NT2RP2006534,	NT2RP3000759,	NT2RP3000845,	NT2RP3001646,
	NT2RP3001857,	NT2RP3001938,	NT2RP3002004,	NT2RP3002785,	NT2RP3002909,	NT2RP3002988,
	NT2RP3003800,	NT2RP3004189,	NT2RP3004544,	NT2RP4000147,	NT2RP4000839,	NT2RP4001122,
	NT2RP4001148,	NT2RP4001336,	NT2RP4001375,	NT2RP4001644,	NT2RP4001725,	NT2RP4001849,
	NT2RP4001896,	NT2RP4001927,	NT2RP4002408,	NT2RP5003477,	OVARC1000013,	OVARC1000437,
25	OVARC1000556,	OVARC1000649,	OVARC1000945,	OVARC1001200,	OVARC1002182,	PLACE1000977,
	PLACE1001387,	PLACE1002493,	PLACE1002591,	PLACE1003190,	PLACE1003353,	PLACE1004128,
	PLACE1004302,	PLACE1004937,	PLACE1005243,	PLACE1008000,	PLACE1008244,	PLACE1008650,
	PLACE1009468,	PLACE1009596,	PLACE1009708,	PLACE1009845,	PLACE1010926,	PLACE1011041,
	PLACE2000164,	PLACE2000371,	PLACE3000145,	PLACE3000350,	THYRO1000072,	THYRO1000748,
30	THYRO1001120, Y79AA1000328, Y79AA1002431					
	[0278] The following 309 clones are categorized into transcription-associated proteins.					
	HEMBA1000158,	HEMBA1000201,	HEMBA1000216,	HEMBA1000555,	HEMBA1000561,	HEMBA1000851,
	HEMBA1001077,	HEMBA1001137,	HEMBA1001405,	HEMBA1001510,	HEMBA1001635,	HEMBA1001804,
	HEMBA1001809,	HEMBA1001819,	HEMBA1001847,	HEMBA1001869,	HEMBA1002035,	HEMBA1002092,
35	HEMBA1002177,	HEMBA1002770,	HEMBA1002935,	HEMBA1003408,	HEMBA1003545,	HEMBA1003568,
	HEMBA1003662,	HEMBA1003684,	HEMBA1003760,	HEMBA1003953,	HEMBA1004097,	HEMBA1004321,
	HEMBA1004353,	HEMBA1004389,	HEMBA1004479,	HEMBA1004758,	HEMBA1004973,	HEMBA1005219,
	HEMBA1005359,	HEMBA1005513,	HEMBA1005528,	HEMBA1005548,	HEMBA1005558,	HEMBA1005931,
	HEMBA1006158,	HEMBA1006248,	HEMBA1006278,	HEMBA1006283,	HEMBA1006347,	HEMBA1006359,
40	HEMBA1006559,	HEMBA1006941,	HEMBA1000789,	HEMBA1001011,	HEMBA1001314,	HEMBA1001482,
	HEMBA1001673,	HEMBA1001749,	HEMBA1001839,	HEMBA1001908,	HEMBA1002134,	HEMBA1002217,
	HEMBA1002342,	HEMBA1002607,	MAMMA1000183,	MAMMA1000388,	MAMMA1001105,	MAMMA1001222,
	MAMMA1001260,	MAMMA1001627,	MAMMA1001633,	MAMMA1001743,	MAMMA1001820,	MAMMA1001837,
	MAMMA1002617,	MAMMA1002650,	MAMMA1002937,	NT2RM1000055,	NT2RM1000086,	NT2RM1000746,
45	NT2RM1000885,	NT2RM1000894,	NT2RM1001092,	NT2RM2000013,	NT2RM2000452,	NT2RM2000735,
	NT2RM2000740,	NT2RM2001035,	NT2RM2001105,	NT2RM2001575,	NT2RM2001670,	NT2RM2001716,
	NT2RM2001771,	NT2RM2002091,	NT2RM4000024,	NT2RM4000046,	NT2RM4000104,	NT2RM4000202,
	NT2RM4000531, NT2RM4000595, NT2RM4000733, NT2RM4000734,					
	NT2RM4000741,	NT2RM4000751,	NT2RM4000996,	NT2RM4001092,	NT2RM4001140,	NT2RM4001200,
50	NT2RM4001483,	NT2RM4001592,	NT2RM4001783,	NT2RM4001823,	NT2RM4001828,	NT2RM4001858,
	NT2RM4001979,	NT2RM4002066,	NT2RP1000086,	NT2RP1000111,	NT2RP1000574,	NT2RP1000902,
	NT2RP1001013,	NT2RP2000008,	NT2RP2000126,	NT2RP2000297,	NT2RP2000420,	NT2RP2001174,
	NT2RP2001233,	NT2RP2001756,	NT2RP2001869,	NT2RP2002046,	NT2RP2002252,	NT2RP2002270,
	NT2RP2002464,	NT2RP2002503,	NT2RP2002520,	NT2RP2002591,	NT2RP2002880,	NT2RP2002939,
55	NT2RP2002993,	NT2RP2003243,	NT2RP2003329,	NT2RP2003347,	NT2RP2003480,	NT2RP2003522,
	NT2RP2003564,	NT2RP2003714,	NT2RP2004013,	NT2RP2004066,	NT2RP2004187,	NT2RP2004920,
	NT2RP2004961,	NT2RP2005003,	NT2RP2005139,	NT2RP2005325,	NT2RP2005496,	NT2RP2005701,
	NT2RP2005722,	NT2RP2005776,	NT2RP2005942,	NT2RP2006238,	NT2RP2006436,	NT2RP3000050,

	NT2RP3000320,	NT2RP3000512,	NT2RP3000527,	NT2RP3000590,	NT2RP3000603,	NT2RP3000605,
	NT2RP3000632,	NT2RP3001057,	NT2RP3001107,	NT2RP3001111,	NT2RP3001120,	NT2RP3001150,
	NT2RP3001268,	NT2RP3001338,	NT2RP3001398,	NT2RP3001527,	NT2RP3001688,	NT2RP3001855,
	NT2RP3002165,	NT2RP3002399,	NT2RP3002876,	NT2RP3003133,	NT2RP3003193,	NT2RP3003251,
5	NT2RP3003313,	NT2RP3003327,	NT2RP3003555,	NT2RP3004016,	NT2RP3004125,	NT2RP3004242,
	NT2RP3004428,	NT2RP3004498,	NT2RP3004566,	NT2RP3004617,	NT2RP4000210,	NT2RP4000398,
	NT2RP4000455,	NT2RP4000648,	NT2RP4000837,	NT2RP4000865,	NT2RP4000997,	NT2RP4001029,
	NT2RP4001080,	NT2RP4001213,	NT2RP4001433,	NT2RP4001529,	NT2RP4001551,	NT2RP4001568,
	NT2RP4001638,	NT2RP4001753,	NT2RP4001760,	NT2RP4001790,	NT2RP4001838,	NT2RP4001938,
10	NT2RP4002078,	NT2RP4002081,	NT2RP5003461,	OVARC1000151,	OVARC1000241,	OVARC1000479,
	OVARC1001271,	OVARC1001417,	OVARC1001436,	PLACE1000133,	PLACE1000583,	PLACE1000706,
	PLACE1000786,	PLACE1000979,	PLACE1001118,	PLACE1001238,	PLACE1001294,	PLACE1001304,
	PLACE1001383,	PLACE1001602,	PLACE1001632,	PLACE1002171,	PLACE1002438,	PLACE1002450,
	PLACE1002532,	PLACE1002775,	PLACE1002834,	PLACE1003302,	PLACE1003605,	PLACE1003738,
15	PLACE1003885,	PLACE1004471,	PLACE1005584,	PLACE1005803,	PLACE1005966,	PLACE1006167,
	PLACE1006318,	PLACE1006438,	PLACE1006482,	PLACE1007239,	PLACE1007346,	PLACE1007488,
	PLACE1007547,	PLACE1007598,	PLACE1007955,	PLACE1008132,	PLACE1008201,	PLACE1009099,
	PLACE1009246,	PLACE1009308,	PLACE1009398,	PLACE1009798,	PLACE1010134,	PLACE1010702,
	PLACE1010771,	PLACE1010870,	PLACE1011160,	PLACE1011433,	PLACE1011576,	PLACE3000009,
20	PLACE3000169,	PLACE3000254,	PLACE4000128,	PLACE4000156,	PLACE4000192,	PLACE4000211,
	PLACE4000261,	PLACE4000450,	PLACE4000489,	THYRO1000085,	THYRO1000121,	THYRO1000242,
	THYRO1000488,	THYRO1000501,	THYRO1000569,	THYRO1001100,	THYRO1001189,	THYRO1001809,
	Y79AA1000013,	Y79AA1000033,	Y79AA1000037,	Y79AA1000342,	Y79AA1000627,	Y79AA1000705,
	Y79AA1001299,	Y79AA1001312,	Y79AA1001391,	Y79AA1001533,	Y79AA1001613,	Y79AA1001866,
25	Y79AA1002103,	Y79AA1002229,	Y79AA1002433,	Y79AA1002472,	Y79AA1002482,	
	[0279] The following 392 clones are categorized into disease-associated proteins.					
	HEMBA1000020,	HEMBA1000216,	HEMBA1000304,	HEMBA1000561,	HEMBA1000569,	HEMBA1000910,
	HEMBA1001043,	HEMBA1001059,	HEMBA1001071,	HEMBA1001088,	HEMBA1001569,	HEMBA1001661,
	HEMBA1001672,	HEMBA1001819,	HEMBA1001921,	HEMBA1002267,	HEMBA1002419,	HEMBA1002469,
30	HEMBA1002547,	HEMBA1002555,	HEMBA1002810,	HEMBA1002939,	HEMBA1002997,	HEMBA1003148,
	HEMBA1003369,	HEMBA1003417,	HEMBA1003418,	HEMBA1003433,	HEMBA1003538,	HEMBA1003555,
	HEMBA1003568,	HEMBA1003569,	HEMBA1003581,	HEMBA1004168,	HEMBA1004202,	HEMBA1004248,
	HEMBA1004275,	HEMBA1004321,	HEMBA1004353,	HEMBA1004356,	HEMBA1004479,	HEMBA1004509,
	HEMBA1004669,	HEMBA1005009,	HEMBA1005338,	HEMBA1005367,	HEMBA1005423,	HEMBA1005528,
35	HEMBA1005581,	HEMBA1005621,	HEMBA1005699,	HEMBA1006507,	HEMBA1006650,	HEMBA1006652,
	HEMBA1006737,	HEMBA1006807,	HEMBA1006877,	HEMBA1007121,	HEMBA1007243,	HEMBA1007243,
	HEMBA100693,	HEMBA1000927,	HEMBA1000985,	HEMBA1001068,	HEMBA1001282,	HEMBA1001339,
	HEMBA1001482,	HEMBA1001564,	HEMBA1001802,	HEMBA1001905,	HEMBA1001908,	HEMBA1002217,
	HEMBA1002477,	MAMMA1000388,	MAMMA1000731,	MAMMA1001305,	MAMMA1001633,	MAMMA1001868,
40	MAMMA1002170,	MAMMA1002198,	MAMMA1002268,	MAMMA1002485,	MAMMA1002530,	MAMMA1002858,
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45	NT2RM2001575,	NT2RM2001652,	NT2RM2001664,	NT2RM2001668,	NT2RM2001698,	NT2RM2001803,
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	NT2RP2003164,	NT2RP2003228,	NT2RP2003295,	NT2RP2003517,	NT2RP2003564,	NT2RP2003604,
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	NT2RP3003327,	NT2RP3003409,	NT2RP3003672,	NT2RP3003831,	NT2RP3004016,	NT2RP3004078,
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	NT2RP4002078,	NT2RP4002791,	OVARC1000014,	OVARC1000139,	OVARC1000520,	OVARC1000722,
15	OVARC1000771,	OVARC1000834,	OVARC1001051,	OVARC1001113,	OVARC1001244,	OVARC1001372,
	OVARC1001417,	OVARC1001496,	OVARC1001506,	OVARC1001577,	OVARC1001726,	OVARC1001766,
	OVARC1001809,	OVARC1002165,	PLACE1000133,	PLACE1000383,	PLACE1000420,	PLACE1000583,
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	PLACE1002437,	PLACE1002474,	PLACE1002685,	PLACE1002782,	PLACE1002834,	PLACE1002908,
20	PLACE1003045,	PLACE1003302,	PLACE1003353,	PLACE1003366,	PLACE1003493,	PLACE1003669,
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	PLACE1004316,	PLACE1004358,	PLACE1004471,	PLACE1004506,	PLACE1004510,	PLACE1004674,
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25	PLACE1008177,	PLACE1008356,	PLACE1008402,	PLACE1008696,	PLACE1009027,	PLACE1009113,
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	PLACE4000156,	PLACE4000369,	SKNMC1000046,	SKNMC1000050,	THYRO1000034,	THYRO1000327,
30	THYRO1000343,	THYRO1000358,	THYRO1000501,	THYRO1000662,	THYRO1000684,	THYRO1000748,
	THYRO1000934,	THYRO1001120,	THYRO1001189,	THYRO1001204,	THYRO1001458,	THYRO1001617,
	THYRO1001671,	Y79AA1000346,	Y79AA1000469,	Y79AA1000560,	Y79AA1000734,	Y79AA1000782,
	Y79AA1001391,	Y79AA1001548,	Y79AA1001594,	Y79AA1001711,	Y79AA1001874,	Y79AA1002204,
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35	[0280] Among them, Swiss-Prot database search and GenBank or UniGene database search revealed that the following 380 clones matched the data of genes or proteins which had been registered in the database of Online Mendelian Inheritance in Man (OMIM) (http://www.ncbi.nlm.nih.gov/Omim/), which is a database of human genes and diseases. (The corresponding OMIM numbers are parenthetically indicated following the clone names.)					
	HEMBB1000985(147485),	HEMBB1001068(603142),	HEMBB1001282(182900),	HEMBB1001339(300080),		
40	HEMBB1001482(603971),	HEMBB1001564(603931),	HEMBB1001802(125660),	HEMBB1001905(190370),		
	HEMBB1001908(601408),	HEMBB1002217(603971),	HEMBB1002477(604439),	MAMMA1000388(604865),		
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35	PLACE1000420(600312),	PLACE1000583(194558),	PLACE1000588(600411),	PLACE1001171(310400),
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45	PLACE1007239(604784),	PLACE1007257(300108),	PLACE1007511(148020),	PLACE1007598(602277),
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50	PLACE2000072(603430),	PLACE2000216(182790),	PLACE2000399(313470),	PLACE2000438(602273),
	PLACE2000458(600976),	PLACE3000242(300132),	PLACE4000009(160776),	PLACE4000014(300032),
	PLACE4000156(603971),	PLACE4000369(603808),	SKNMC1000046(603144),	SKNMC1000050(114230),
	THYRO1000034(190370),	THYRO1000327(603243),	THYRO1000343(125370),	THYRO1000358(604188),
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55	THYRO1000934(179035),	THYRO1001120(602582),	THYRO1001189(603971),	THYRO1001204(603169),
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	Y79AA1000469(602434),	Y79AA1000560(601026),	Y79AA1000734(603867),	Y79AA1000782(600417),
	Y79AA1001391(142959),	Y79AA1001548(600286),	Y79AA1001594(600936),	Y79AA1001711(600063),

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Y79AA1002482(603971),

[0281] The following 425 clones presumably belong to enzymes and/or metabolism-associated proteins.

	HEMBA1000012,	HEMBA1000129,	HEMBA1000141,	HEMBA1000150,	HEMBA1000542,	HEMBA1000852,
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	HEMBA1002212,	HEMBA1002513,	HEMBA1002746,	HEMBA1002973,	HEMBA1003046,	HEMBA1003136,
	HEMBA1003179,	HEMBA1003250,	HEMBA1003291,	HEMBA1003408,	HEMBA1003538,	HEMBA1003679,
	HEMBA1003680,	HEMBA1004199,	HEMBA1004227,	HEMBA1004408,	HEMBA1004509,	HEMBA1004734,
	HEMBA1004768,	HEMBA1005394,	HEMBA1005513,	HEMBA1005737,	HEMBA1005815,	HEMBA1006031,
10	HEMBA1006272,	HEMBA1006278,	HEMBA1006291,	HEMBA1006309,	HEMBA1006347,	HEMBA1006485,
	HEMBA1006521,	HEMBA1006624,	HEMBA1006885,	HEMBA1006976,	HEMBA1007121,	HEMBA1007224,
	HEMBA1007243,	HEMBA1007300,	HEMBA1000083,	HEMBA1000217,	HEMBA1000915,	HEMBA1000947,
	HEMBA1001137,	HEMBA1001346,	HEMBA1001429,	HEMBA1001443,	HEMBA1001915,	HEMBA1001950,
	HEMBA1002042,	MAMMA1000020,	MAMMA1000085,	MAMMA1000672,	MAMMA1000713,	MAMMA1000841,
15	MAMMA1000897,	MAMMA1001008,	MAMMA1001038,	MAMMA1001059,	MAMMA1001476,	MAMMA1001501,
	MAMMA1002268,	MAMMA1002470,	MAMMA1002530,	MAMMA1002573,	MAMMA1002619,	MAMMA1002655,
	MAMMA1002671,	MAMMA1003013,	MAMMA1003035,	NT2RM1000039,	NT2RM1000132,	NT2RM1000153,
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	NT2RM1000894,	NT2RM1001072,	NT2RM1001115,	NT2RM2000013,	NT2RM2000092,	NT2RM2000322,
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	NT2RM4002532,	NT2RM4002623,	NT2RP1000376,	NT2RP1000443,	NT2RP1000522,	NT2RP1000834,
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	NT2RP3000742,	NT2RP3000845,	NT2RP3000875,	NT2RP3000917,	NT2RP3001055,	NT2RP3001221,
	NT2RP3001495,	NT2RP3001898,	NT2RP3001938,	NT2RP3002303,	NT2RP3002351,	NT2RP3002501,
	NT2RP3002602,	NT2RP3002628,	NT2RP3002663,	NT2RP3003301,	NT2RP3003385,	NT2RP3003490,
	NT2RP3003659,	NT2RP3003825,	NT2RP3003831,	NT2RP3003846,	NT2RP3003914,	NT2RP3004148,
45	NT2RP3004209,	NT2RP3004378,	NT2RP3004669,	NT2RP3004670,	NT2RP4000259,	NT2RP4000312,
	NT2RP4000367,	NT2RP4000417,	NT2RP4000457,	NT2RP4000657,	NT2RP4000817,	NT2RP4000855,
	NT2RP4000879,	NT2RP4000927,	NT2RP4000973,	NT2RP4000997,	NT2RP4001041,	NT2RP4001079,
	NT2RP4001095,	NT2RP4001143,	NT2RP4001219,	NT2RP4001375,	NT2RP4001389,	NT2RP4001483,
	NT2RP4001555,	NT2RP4001592,	NT2RP4001644,	NT2RP4001730,	NT2RP4001946,	NT2RP4002408,
50	NT2RP5003500,	NT2RP5003522,	OVARC1000013,	OVARC1000060,	OVARC1000139,	OVARC1000288,
	OVARC1000309,	OVARC1000473,	OVARC1000556,	OVARC1000682,	OVARC1000722,	OVARC1000751,
	OVARC1000885,	OVARC1000915,	OVARC1001107,	OVARC1001713,	OVARC1001762,	OVARC1001809,
	OVARC1001942,	OVARC1002156,	OVARC1002165,	PLACE1000007,	PLACE1000142,	PLACE1000185,
	PLACE1000213,	PLACE1000383,	PLACE1000420,	PLACE1000547,	PLACE1000653,	PLACE1000755,
55	PLACE1001054,	PLACE1001062,	PLACE1001672,	PLACE1001692,	PLACE1001748,	PLACE1001781,
	PLACE1001817,	PLACE1001869,	PLACE1001989,	PLACE1002073,	PLACE1002598,	PLACE1002908,
	PLACE1002991,	PLACE1003174,	PLACE1003176,	PLACE1003709,	PLACE1003885,	PLACE1003888,
	PLACE1003903,	PLACE1003915,	PLACE1004270,	PLACE1004428,	PLACE1004437,	PLACE1004751,

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	PLACE1004804,	PLACE1004918,	PLACE1005243,	PLACE1005305,	PLACE1005373,	PLACE1005656,
	PLACE1005763,	PLACE1005804,	PLACE1005953,	PLACE1005955,	PLACE1006011,	PLACE1006469,
	PLACE1006534,	PLACE1006626,	PLACE1006731,	PLACE1006819,	PLACE1006829,	PLACE1006878,
	PLACE1007226,	PLACE1007416,	PLACE1007649,	PLACE1007706,	PLACE1007729,	PLACE1007954,
5	PLACE1007958,	PLACE1008111,	PLACE1008275,	PLACE1008330,	PLACE1008643,	PLACE1009094,
	PLACE1009130,	PLACE1009444,	PLACE1009763,	PLACE1009861,	PLACE1009992,	PLACE1009997,
	PLACE1010096,	PLACE1010362,	PLACE1010481,	PLACE1010662,	PLACE1011046,	PLACE1011219,
	PLACE1011229,	PLACE1011332,	PLACE1011635,	PLACE1011923,	PLACE2000021,	PLACE2000034,
	PLACE2000398,	PLACE2000404,	PLACE2000438,	PLACE3000009,	PLACE3000020,	PLACE3000059,
10	PLACE3000147,	PLACE3000339,	PLACE3000350,	PLACE4000063,	PLACE4000100,	PLACE4000401,
	PLACE4000548,	PLACE4000654,	SKNMC1000050,	THYRO1000072,	THYRO1000197,	THYRO1000288,
	THYRO1000605,	THYRO1000662,	THYRO1000756,	THYRO1000852,	THYRO1000926,	THYRO1000934,
	THYRO1000951,	THYRO1000983,	THYRO1001003,	THYRO1001287,	THYRO1001374,	THYRO1001406,
	THYRO1001617,	THYRO1001671,	THYRO1001738,	Y79AA1000782,	Y79AA1001048,	Y79AA1001233,
15	Y79AA1001394,	Y79AA1001493,	Y79AA1001548,	Y79AA1001581,	Y79AA1001603,	Y79AA1001827,
	Y79AA1002027,	Y79AA1002209,	Y79AA1002211,	Y79AA1002361,	Y79AA1002416,	

[0282] The following 217 clones presumably belong to a group of cDNAs encoding ATP- and/or GTP-binding proteins.

	HEMBA1000012,	HEMBA1000129,	HEMBA1000185,	HEMBA1000491,	HEMBA1000531,	HEMBA1001019,
	HEMBA1001174,	HEMBA1001387,	HEMBA1001595,	HEMBA1001723,	HEMBA1001913,	HEMBA1002161,
20	HEMBA1002212,	HEMBA1002876,	HEMBA1002997,	HEMBA1003250,	HEMBA1003291,	HEMBA1003369,
	HEMBA1003555,	HEMBA1003560,	HEMBA1004131,	HEMBA1004199,	HEMBA1004202,	HEMBA1004354,
	HEMBA1004697,	HEMBA1005047,	HEMBA1005595,	HEMBA1007018,	HEMBA1007151,	HEMBA1000083,
	HEMBA1000226,	HEMBA1000264,	HEMBA1000632,	HEMBA1000725,	HEMBA1001294,	HEMBA1002193,
	MAMMA1000085,	MAMMA1000612,	MAMMA1000731,	MAMMA1000738,	MAMMA1001038,	MAMMA1001735,
25	MAMMA1001768,	MAMMA1003127,	NT2RM1000187,	NT2RM1000388,	NT2RM1000702,	NT2RM1000772,
	NT2RM1000924,	NT2RM2000469,	NT2RM2000577,	NT2RM2000740,	NT2RM2001100,	NT2RM2001201,
	NT2RM2001345,	NT2RM2001823,	NT2RM2002128,	NT2RM4000155,	NT2RM4000191,	NT2RM4000356,
	NT2RM4000496,	NT2RM4000611,	NT2RM4000733,	NT2RM4000820,	NT2RM4001084,	NT2RM4001178,
	NT2RM4001344,	NT2RM4001444,	NT2RM4001592,	NT2RM4001714,	NT2RM4001758,	NT2RM4001880,
30	NT2RM4002062,	NT2RM4002174,	NT2RM4002205,	NT2RM4002527,	NT2RM4002594,	NT2RM4002623,
	NT2RP1000470,	NT2RP1000478,	NT2RP1000915,	NT2RP1000958,	NT2RP1001080,	NT2RP1001410,
	NT2RP1001569,	NT2RP2000126,	NT2RP2000258,	NT2RP2000329,	NT2RP2000660,	NT2RP2000668,
	NT2RP2000710,	NT2RP2000812,	NT2RP2000880,	NT2RP2001245,	NT2RP2001392,	NT2RP2002606,
	NT2RP2003277,	NT2RP2003912,	NT2RP2004538,	NT2RP2004568,		
35	NT2RP2004689,	NT2RP2004768,	NT2RP2004791,	NT2RP2004920,	NT2RP2005344,	NT2RP2005393,
	NT2RP2005763,	NT2RP2006534,	NT2RP3000046,	NT2RP3000252,	NT2RP3000350,	NT2RP3000359,
	NT2RP3000366,	NT2RP3000397,	NT2RP3000759,	NT2RP3000845,	NT2RP3000875,	NT2RP3001150,
	NT2RP3001427,	NT2RP3001453,	NT2RP3001529,	NT2RP3001730,	NT2RP3001799,	NT2RP3001857,
	NT2RP3001938,	NT2RP3002007,	NT2RP3002151,	NT2RP3002330,	NT2RP3002399,	NT2RP3002671,
40	NT2RP3003301,	NT2RP3003353,	NT2RP3003589,	NT2RP3003809,	NT2RP3003876,	NT2RP3004189,
	NT2RP3004428,	NT2RP3004578,	NT2RP4000290,	NT2RP4000481,	NT2RP4000518,	NT2RP4000781,
	NT2RP4000839,	NT2RP4000929,	NT2RP4001041,	NT2RP4001079,	NT2RP4001375,	NT2RP4001414,
	NT2RP4001592,	NT2RP4001634,	NT2RP4001644,	NT2RP4001656,	NT2RP4001896,	NT2RP4002047,
	NT2RP4002058,	NT2RP4002408,	NT2RP5003477,	OVARC1000013,	OVARC1000304,	OVARC1000556,
45	OVARC1000771,	OVARC1000800,	OVARC1001068,	OVARC1002138,	PLACE1000040,	PLACE1000588,
	PLACE1001104,	PLACE1001739,	PLACE1002433,	PLACE1002437,	PLACE1002714,	PLACE1003394,
	PLACE1003521,	PLACE1003915,	PLACE1004902,	PLACE1005243,	PLACE1005305,	PLACE1005549,
	PLACE1005739,	PLACE1005921,	PLACE1006119,	PLACE1006196,	PLACE1006552,	PLACE1006956,
	PLACE1007409,	PLACE1007697,	PLACE1007946,	PLACE1008244,	PLACE1009404,	PLACE1009476,
50	PLACE1009596,	PLACE1009908,	PLACE1010134,	PLACE1010720,	PLACE1010896,	PLACE1011109,
	PLACE1011114,	PLACE1011310,	PLACE1011922,	PLACE2000014,	PLACE2000039,	PLACE2000274,
	PLACE2000404,	PLACE2000427,	PLACE3000350,	PLACE4000009,	PLACE4000014,	PLACE4000326,
	SKNMC1000013,	THYRO1000072,	THYRO1001458,	Y79AA1000833,	Y79AA1000962,	Y79AA1001394,
	Y79AA1001875,	Y79AA1001963,	Y79AA1002209,			

[0283] The following 320 clones presumably belong to nuclear proteins.

	HEMBA1000005,	HEMBA1000158,	HEMBA1000216,	HEMBA1000561,	HEMBA1000591,	HEMBA1001088,
	HEMBA1001137,	HEMBA1001405,	HEMBA1001510,	HEMBA1001579,	HEMBA1001809,	HEMBA1001819,
	HEMBA1001824,	HEMBA1001847,	HEMBA1001869,	HEMBA1002177,	HEMBA1002241,	HEMBA1002495,

	HEMBA1002569,	HEMBA1002935,	HEMBA1002951,	HEMBA1002999,	HEMBA1003408,	HEMBA1003545,
	HEMBA1003662,	HEMBA1003684,	HEMBA1003690,	HEMBA1003760,	HEMBA1004203,	HEMBA1004321,
	HEMBA1004353,	HEMBA1004479,	HEMBA1004973,	HEMBA1005219,	HEMBA1005359,	HEMBA1005558,
	HEMBA1005931,	HEMBA1006278,	HEMBA1006283,	HEMBA1006359,	HEMBA1006485,	HEMBA1007087,
5	HEMBB1000226,	HEMBB1000789,	HEMBB1001011,	HEMBB1001056,	HEMBB1001242,	HEMBB1001482,
	HEMBB1001915,	HEMBB1002134,	HEMBB1002217,	MAMMA1000183,	MAMMA1000731,	MAMMA1001105,
	MAMMA1001222,	MAMMA1001260,	MAMMA1001633,	MAMMA1001743,	MAMMA1001837,	MAMMA1002617,
	MAMMA1002869,	MAMMA1002937,	MAMMA1003011,	NT2RM1000086,	NT2RM1000187,	NT2RM1000666,
	NT2RM1000885,	NT2RM1000894,	NT2RM1001059,	NT2RM1001092,	NT2RM2000013,	NT2RM2000588,
10	NT2RM2000624,	NT2RM2000735,	NT2RM2000740,	NT2RM2001105,	NT2RM2001635,	NT2RM2001670,
	NT2RM2001771,	NT2RM2001823,	NT2RM2001936,	NT2RM2001989,	NT2RM2002004,	NT2RM2002088,
	NT2RM2002091,	NT2RM4000024,	NT2RM4000046,	NT2RM4000104,	NT2RM4000202,	NT2RM4000215,
	NT2RM4000290,	NT2RM4000531,	NT2RM4000751,	NT2RM4000996,	NT2RM4001092,	NT2RM4001140,
	NT2RM4001200,	NT2RM4001483,	NT2RM4001566,	NT2RM4001592,		
15	NT2RM4001597,	NT2RM4001783,	NT2RM4001823,	NT2RM4001828,	NT2RM4001858,	NT2RM4001979,
	NT2RP1000035,	NT2RP1000111,	NT2RP1000493,	NT2RP1000574,	NT2RP1000630,	NT2RP1000902,
	NT2RP1000915,	NT2RP1000958,	NT2RP1000966,	NT2RP1001013,	NT2RP1001177,	NT2RP2000008,
	NT2RP2000076,	NT2RP2000126,	NT2RP2000153,	NT2RP2000161,	NT2RP2000248,	NT2RP2000258,
	NT2RP2000297,	NT2RP2000420,	NT2RP2000931,	NT2RP2001233,	NT2RP2001420,	NT2RP2001756,
20	NT2RP2001869,	NT2RP2002079,	NT2RP2002270,	NT2RP2002503,	NT2RP2002591,	NT2RP2002880,
	NT2RP2002939,	NT2RP2002993,	NT2RP2003137,	NT2RP2003157,	NT2RP2003277,	NT2RP2003286,
	NT2RP2003308,	NT2RP2003347,	NT2RP2003714,	NT2RP2003912,	NT2RP2004013,	NT2RP2004187,
	NT2RP2004689,	NT2RP2004920,	NT2RP2005393,	NT2RP2005436,	NT2RP2005496,	NT2RP2005539,
	NT2RP2005701,	NT2RP2005767,	NT2RP2005776,	NT2RP2005933,	NT2RP2005942,	NT2RP2006043,
25	NT2RP2006436,	NT2RP3000031,	NT2RP3000050,	NT2RP3000397,	NT2RP3000512,	NT2RP3000527,
	NT2RP3000590,	NT2RP3000603,	NT2RP3000632,	NT2RP3000917,	NT2RP3001057,	NT2RP3001107,
	NT2RP3001120,	NT2RP3001253,	NT2RP3001338,	NT2RP3001384,	NT2RP3001398,	NT2RP3001427,
	NT2RP3001428,	NT2RP3001472,	NT2RP3001646,	NT2RP3001671,	NT2RP3001792,	NT2RP3001855,
	NT2RP3002056,	NT2RP3002165,	NT2RP3002399,	NT2RP3002876,	NT2RP3003193,	NT2RP3003212,
30	NT2RP3003555,	NT2RP3004016,	NT2RP3004206,	NT2RP3004424,	NT2RP3004428,	NT2RP3004566,
	NT2RP3004617,	NT2RP4000078,	NT2RP4000111,	NT2RP4000210,	NT2RP4000398,	NT2RP4000481,
	NT2RP4000518,	NT2RP4000997,	NT2RP4001148,	NT2RP4001206,	NT2RP4001213,	NT2RP4001433,
	NT2RP4001568,	NT2RP4001638,	NT2RP4001696,	NT2RP4001753,	NT2RP4001938,	NT2RP4002058,
	NT2RP4002078,	NT2RP4002081,	NT2RP4002791,	OVARC1000006,	OVARC1000087,	OVARC1000091,
35	OVARC1000241,	OVARC1000326,	OVARC1000556,	OVARC1000846,	OVARC1001038,	OVARC1001180,
	OVARC1001232,	OVARC1001271,	OVARC1001306,	OVARC1001436,	OVARC1002112,	PLACE1000133,
	PLACE1000184,	PLACE1000406,	PLACE1000583,	PLACE1000596,	PLACE1000979,	PLACE1001118,
	PLACE1001383,	PLACE1001632,	PLACE1002171,	PLACE1002433,	PLACE1002438,	PLACE1002532,
	PLACE1002775,	PLACE1002816,	PLACE1002834,	PLACE1003100,	PLACE1003190,	PLACE1003302,
40	PLACE1003519,	PLACE1003521,	PLACE1003605,	PLACE1003704,	PLACE1003738,	PLACE1003885,
	PLACE1003923,	PLACE1004302,	PLACE1004471,	PLACE1004564,	PLACE1004814,	PLACE1004902,
	PLACE1005287,	PLACE1005876,	PLACE1005966,	PLACE1006167,	PLACE1006438,	PLACE1006482,
	PLACE1006829,	PLACE1006878,	PLACE1006917,	PLACE1007014,	PLACE1007547,	PLACE1007598,
	PLACE1007688,	PLACE1007969,	PLACE1008044,	PLACE1008132,	PLACE1008603,	PLACE1009099,
45	PLACE1009130,	PLACE1009308,	PLACE1009398,	PLACE1010134,	PLACE1010194,	PLACE1010702,
	PLACE1010720,	PLACE1010870,	PLACE1011056,	PLACE1011433,	PLACE1011664,	PLACE2000014,
	PLACE2000427,	PLACE3000009,	PLACE3000169,	PLACE4000014,	PLACE4000156,	PLACE4000192,
	PLACE4000261,	PLACE4000326,	PLACE4000489,	SKNMC1000011,	THYRO1000085,	THYRO1000242,
	THYRO1000585,	THYRO1001100,	THYRO1001189,	THYRO1001809,	Y79AA1000037,	Y79AA1000214,
50	Y79AA1000231,	Y79AA1000589,	Y79AA1000752,	Y79AA1001391,	Y79AA1001613,	Y79AA1001705,
	Y79AA1001963,	Y79AA1002431,	Y79AA1002472,	Y79AA1002482,		
[0284] The following 292 clones presumably belong to DNA- and/or RNA-binding proteins.						
	HEMBA1000158,	HEMBA1000216,	HEMBA1000561,	HEMBA1000591,	HEMBA1000851,	HEMBA1001088,
	HEMBA1001137,	HEMBA1001405,	HEMBA1001510,	HEMBA1001804,	HEMBA1001809,	HEMBA1001819,
55	HEMBA1001847,	HEMBA1001869,	HEMBA1002177,	HEMBA1002935,	HEMBA1003408,	HEMBA1003545,
	HEMBA1003568,	HEMBA1003591,	HEMBA1003662,	HEMBA1003684,	HEMBA1003760,	HEMBA1003783,
	HEMBA1003805,	HEMBA1003953,	HEMBA1004321,	HEMBA1004354,	HEMBA1004389,	HEMBA1004479,
	HEMBA1004669,	HEMBA1004847,	HEMBA1004973,	HEMBA1005202,	HEMBA1005359,	HEMBA1005931,

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	HEMBA1006248,	HEMBA1006278,	HEMBA1006283,	HEMBA1006359,	HEMBA1006652,	HEMBA1007087,
	HEMBA1007194,	HEMBA1000264,	HEMBA1000789,	HEMBA1001011,	HEMBA1001482,	HEMBA1001736,
	HEMBA1001749,	HEMBA1001839,	HEMBA1002217,	MAMMA1000183,	MAMMA1000284,	MAMMA1000731,
	MAMMA1001105,	MAMMA1001222,	MAMMA1001260,	MAMMA1001743,	MAMMA1001837,	MAMMA1002385,
5	MAMMA1002617,	MAMMA1002869,	MAMMA1002937,	MAMMA1003011,	NT2RM1000086,	NT2RM1000539,
	NT2RM1000555,	NT2RM1000666,	NT2RM1000691,	NT2RM1000826,	NT2RM1000885,	NT2RM1001059,
	NT2RM1001092,	NT2RM2000371,	NT2RM2000624,	NT2RM2000735,	NT2RM2001105,	NT2RM2001424,
	NT2RM2001575,	NT2RM2001605,	NT2RM2001670,	NT2RM2001771,	NT2RM2001823,	NT2RM2001989,
	NT2RM2002004,	NT2RM2002014,	NT2RM2002088,	NT2RM2002091,	NT2RM4000046,	NT2RM4000104,
10	NT2RM4000167,	NT2RM4000191,	NT2RM4000202,	NT2RM4000531,	NT2RM4000595,	NT2RM4000733,
	NT2RM4000751,	NT2RM4000996,	NT2RM4001092,	NT2RM4001140,		
	NT2RM4001178,	NT2RM4001200,	NT2RM4001483,	NT2RM4001592,	NT2RM4001783,	NT2RM4001823,
	NT2RM4001828,	NT2RM4001858,	NT2RM4001880,	NT2RM4001979,	NT2RM4002093,	NT2RM4002109,
	NT2RP1000470,	NT2RP1000493,	NT2RP1000574,	NT2RP1000902,	NT2RP1000966,	NT2RP1001013,
15	NT2RP1001073,	NT2RP1001080,	NT2RP2000008,	NT2RP2000153,	NT2RP2000258,	NT2RP2000297,
	NT2RP2001127,	NT2RP2001174,	NT2RP2001233,	NT2RP2001511,	NT2RP2001756,	NT2RP2001869,
	NT2RP2002079,	NT2RP2002099,	NT2RP2002503,	NT2RP2002591,	NT2RP2002939,	NT2RP2003157,
	NT2RP2003329,	NT2RP2003347,	NT2RP2003480,	NT2RP2003522,	NT2RP2003564,	NT2RP2003714,
	NT2RP2004187,	NT2RP2004568,	NT2RP2004920,	NT2RP2005003,	NT2RP2005139,	NT2RP2005168,
20	NT2RP2005436,	NT2RP2005496,	NT2RP2005701,	NT2RP2005763,	NT2RP2005776,	NT2RP2005942,
	NT2RP2006043,	NT2RP2006436,	NT2RP2006464,	NT2RP3000050,	NT2RP3000512,	NT2RP3000527,
	NT2RP3000562,	NT2RP3000590,	NT2RP3000603,	NT2RP3000624,	NT2RP3000632,	NT2RP3000994,
	NT2RP3001057,	NT2RP3001107,	NT2RP3001120,	NT2RP3001150,	NT2RP3001155,	NT2RP3001338,
	NT2RP3001398,	NT2RP3001472,	NT2RP3001672,	NT2RP3001688,	NT2RP3001724,	NT2RP3001792,
25	NT2RP3001855,	NT2RP3002165,	NT2RP3002399,	NT2RP3002876,	NT2RP3003138,	NT2RP3003193,
	NT2RP3003251,	NT2RP3003327,	NT2RP3003555,	NT2RP3004013,	NT2RP3004078,	NT2RP3004428,
	NT2RP3004490,	NT2RP3004566,	NT2RP3004594,	NT2RP3004617,	NT2RP3004618,	NT2RP4000111,
	NT2RP4000398,	NT2RP4000455,	NT2RP4000518,	NT2RP4000648,	NT2RP4000865,	NT2RP4000929,
	NT2RP4001080,	NT2RP4001095,	NT2RP4001213,	NT2RP4001433,	NT2RP4001568,	NT2RP4001696,
30	NT2RP4001753,	NT2RP4001838,	NT2RP4001938,	NT2RP4002078,	OVARC1000006,	OVARC1000087,
	OVARC1000241,	OVARC1000746,	OVARC1000846,	OVARC1001232,	OVARC1001271,	OVARC1001306,
	OVARC1001987,	OVARC1002112,	PLACE1000406,	PLACE1000583,	PLACE1000979,	PLACE1001118,
	PLACE1001632,	PLACE1001739,	PLACE1002438,	PLACE1002532,	PLACE1002775,	PLACE1002834,
	PLACE1003302,	PLACE1003519,	PLACE1003605,	PLACE1003704,	PLACE1003738,	PLACE1003885,
35	PLACE1004471,	PLACE1004564,	PLACE1004814,	PLACE1005584,	PLACE1005876,	PLACE1005951,
	PLACE1006196,	PLACE1006482,	PLACE1006488,	PLACE1006531,	PLACE1006917,	PLACE1007346,
	PLACE1007547,	PLACE1007598,	PLACE1007688,	PLACE1007969,	PLACE1008132,	PLACE1009099,
	PLACE1009246,	PLACE1009398,	PLACE1009476,	PLACE1009622,	PLACE1010053,	PLACE1010194,
	PLACE1010702,	PLACE1010870,	PLACE1011056,	PLACE1011114,	PLACE1011433,	PLACE2000427,
40	PLACE3000009,	PLACE3000169,	PLACE4000014,	PLACE4000156,	PLACE4000192,	PLACE4000261,
	PLACE4000489,	SKNMC1000091,	THYRO1000085,	THYRO1000242,	THYRO1000501,	THYRO1001100,
	THYRO1001189,	THYRO1001809,	Y79AA1000037,	Y79AA1000349,	Y79AA1000752,	Y79AA1001211,
	Y79AA1001312,	Y79AA1001391,	Y79AA1001613,	Y79AA1002103,	Y79AA1002472,	Y79AA1002482,
	[0285] The following 66 clones presumably belong to the category of RNA synthesis-associated proteins.					
45	HEMBA1000591,	HEMBA1001579,	HEMBA1003179,	HEMBA1003591,	HEMBA1006278,	HEMBA1000226,
	NT2RM1000187,	NT2RM1000852,	NT2RM2000624,	NT2RM2001989,	NT2RM2002100,	NT2RM4000191,
	NT2RM4001178,	NT2RM4002093,	NT2RP1000035,	NT2RP1000272,	NT2RP1000470,	NT2RP1001080,
	NT2RP2000153,	NT2RP2002928,	NT2RP2003157,	NT2RP2004568,	NT2RP2005126,	NT2RP2005436,
	NT2RP2005539,	NT2RP2005605,	NT2RP2005776,	NT2RP2005942,	NT2RP2006043,	NT2RP2006238,
50	NT2RP3000361,	NT2RP3000397,	NT2RP3001671,	NT2RP3004504,	NT2RP4000078,	NT2RP4000111,
	NT2RP4000481,	NT2RP4000518,	NT2RP4000614,	NT2RP4000929,	NT2RP4001696,	NT2RP4002058,
	OVARC1001232,	OVARC1001577,	PLACE1000406,	PLACE1000596,	PLACE1000755,	PLACE1001739,
	PLACE1003704,	PLACE1003885,	PLACE1004564,	PLACE1004814,	PLACE1004902,	PLACE1005373,
	PLACE1005646,	PLACE1005876,	PLACE1006196,	PLACE1006626,	PLACE1006878,	PLACE1006917,
55	PLACE1009476,	PLACE1009925,	PLACE1010194,	PLACE1011114,	THYRO1000121,	Y79AA1001963,
	[0286] The following 183 clones presumably belong to protein-synthesis-associated and/or protein transport-associated proteins.					
	HEMBA1000012,	HEMBA1000141,	HEMBA1000592,	HEMBA1003617,	HEMBA1003773,	HEMBA1004202,

	HEMBA1004276,	HEMBA1004734,	HEMBA1004847,	HEMBA1004929,	HEMBA1004930,	HEMBA1005047,
	HEMBA1005202,	HEMBA1006031,	HEMBA1006272,	HEMBA1006474,	HEMBA1006652,	HEMBA1006914,
	HEMBA1006973,	HEMBA1007224,	HEMBA1000915,	HEMBA1001112,	HEMBA1001137,	HEMBA1001736,
	HEMBA1001831,	HEMBA1001915,	MAMMA1000085,	MAMMA1000734,	MAMMA1001008,	MAMMA1002170,
5	MAMMA1002219,	MAMMA1002236,	MAMMA1002619,	NT2RM1000661,	NT2RM1000833,	NT2RM2000092,
	NT2RM2000504,	NT2RM2000577,	NT2RM2000821,	NT2RM2001201,	NT2RM2001592,	NT2RM2001613,
	NT2RM2001648,	NT2RM2001730,	NT2RM2001760,	NT2RM2002055,	NT2RM4000155,	NT2RM4000169,
	NT2RM4000344,	NT2RM4000356,	NT2RM4000421,	NT2RM4000712,	NT2RM4001054,	NT2RM4001203,
	NT2RM4001382,	NT2RM4001444,	NT2RM4002062,	NT2RM4002205,	NT2RM4002623,	NT2RP1000326,
10	NT2RP1000522,	NT2RP1000547,	NT2RP1000746,	NT2RP1000947,	NT2RP1001569,	NT2RP2000147,
	NT2RP2000710,	NT2RP2000880,	NT2RP2000943,	NT2RP2001290,	NT2RP2001392,	NT2RP2001601,
	NT2RP2001613,	NT2RP2001660,	NT2RP2001740,	NT2RP2002124,	NT2RP2002606,	NT2RP2002862,
	NT2RP2002959,	NT2RP2002980,	NT2RP2003137,	NT2RP2003158,	NT2RP2003391,	NT2RP2003394,
	NT2RP2003401,	NT2RP2003433,	NT2RP2003704,	NT2RP2003713,	NT2RP2003737,	NT2RP2003760,
15	NT2RP2003981,	NT2RP2004366,	NT2RP2004389,	NT2RP2004791,	NT2RP2005012,	NT2RP2005116,
	NT2RP2005360,	NT2RP2005763,	NT2RP2005784,	NT2RP3000366,		
	NT2RP3000759,	NT2RP3000968,	NT2RP3001113,	NT2RP3001690,	NT2RP3002045,	NT2RP3002151,
	NT2RP3002529,	NT2RP3002671,	NT2RP3003301,	NT2RP3003846,	NT2RP3003876,	NT2RP3004209,
	NT2RP4000370,	NT2RP4000457,	NT2RP4000879,	NT2RP4000927,	NT2RP4001041,	NT2RP4001117,
20	NT2RP4001313,	NT2RP4001315,	NT2RP4001574,	NT2RP4001592,	OVARC1000013,	OVARC1000071,
	OVARC1000085,	OVARC1000465,	OVARC1000564,	OVARC1000771,	OVARC1000862,	OVARC1001171,
	OVARC1001180,	OVARC1001342,	PLACE1000007,	PLACE1000061,	PLACE1000081,	PLACE1000492,
	PLACE1000863,	PLACE1001092,	PLACE1001748,	PLACE1002090,	PLACE1003174,	PLACE1003915,
	PLACE1004104,	PLACE1004270,	PLACE1004743,	PLACE1005557,	PLACE1005813,	PLACE1006170,
25	PLACE1006488,	PLACE1006829,	PLACE1007706,	PLACE1007729,	PLACE1008273,	PLACE1008402,
	PLACE1008790,	PLACE1008813,	PLACE1009094,	PLACE1009130,	PLACE1009477,	PLACE1009721,
	PLACE1009845,	PLACE1010074,	PLACE1010547,	PLACE1011109,	PLACE1011229,	PLACE1011477,
	PLACE1012031,	PLACE2000404,	PLACE3000059,	PLACE3000121,	PLACE4000269,	PLACE4000654,
	SKNMC1000011,	THYRO1000983,	THYRO1001003,	THYRQ1001313,	Y79AA1000560,	Y79AA1000784,
30	Y79AA1000968,	Y79AA1001493,	Y79AA1001875,	Y79AA1002027,	Y79AA1002209,	
	[0287] The following 130 clones presumably belong to cytoskeletal-associated proteins.					
	HEMBA1000156,	HEMBA1000168,	HEMBA1000411,	HEMBA1000588,	HEMBA1001043,	HEMBA1001651,
	HEMBA1001661,	HEMBA1002102,	HEMBA1002161,	HEMBA1002939,	HEMBA1003235,	HEMBA1003581,
	HEMBA1004499,	HEMBA1004534,	HEMBA1004697,	HEMBA1004929,	HEMBA1004972,	HEMBA1005582,
35	HEMBA1005595,	HEMBA1006344,	HEMBA1006737,	HEMBA1001175,	HEMBA1001282,	HEMBA1001562,
	HEMBA1001802,	MAMMA1000824,	MAMMA1001041,	MAMMA1001576,	MAMMA1001679,	MAMMA1001735,
	MAMMA1002297,	MAMMA1002351,	MAMMA1002622,	MAMMA1002637,	MAMMA1003127,	NT2RM1000850,
	NT2RM1000898,	NT2RM2000030,	NT2RM2000260,	NT2RM2000691,	NT2RM2001324,	NT2RM4000169,
	NT2RM4000229,	NT2RM4000515,	NT2RM4001217,	NT2RP1000202,	NT2RP1000348,	NT2RP1000460,
40	NT2RP1000478,	NT2RP1001033,	NT2RP1001294,	NT2RP1001302,	NT2RP2000070,	NT2RP2000812,
	NT2RP2000814,	NT2RP2001168,	NT2RP2001245,	NT2RP2001634,	NT2RP2001900,	NT2RP2003307,
	NT2RP2003394,	NT2RP2004041,	NT2RP2004242,	NT2RP2004538,	NT2RP2004587,	NT2RP2004681,
	NT2RP2004732,	NT2RP2004978,	NT2RP2005491,	NT2RP2005531,	NT2RP2005712,	NT2RP2006275,
	NT2RP3000753,	NT2RP3001113,	NT2RP3001216,	NT2RP3001239,	NT2RP3001272,	NT2RP3001554,
45	NT2RP3001690,	NT2RP3001799,	NT2RP3002688,	NT2RP3003061,	NT2RP3003185,	NT2RP3003230,
	NT2RP3004569,	NT2RP3004578,	NT2RP4001004,	NT2RP4001086,	NT2RP4001256,	NT2RP4001567,
	NT2RP4001927,	OVARC1000001,	OVARC1000106,	OVARC1000437,	OVARC1000520,	OVARC1000679,
	OVARC1001731,	OVARC1002050,	PLACE1001104,	PLACE1002571,		
	PLACE1002591,	PLACE1002655,	PLACE1002714,	PLACE1003625,	PLACE1005287,	PLACE1006552,
50	PLACE1007946,	PLACE1008426,	PLACE1010148,	PLACE1010547,	PLACE1010743,	PLACE1010896,
	PLACE1010960,	PLACE1011310,	PLACE1011922,	PLACE2000216,	PLACE2000274,	PLACE2000371,
	PLACE2000458,	PLACE3000145,	PLACE3000416,	PLACE4000009,	THYRO1000132,	THYRO1001405,
	THYRO1001458,	Y79AA1000368,	Y79AA1000794,	Y79AA1000833,	Y79AA1000962,	Y79AA1002208,
	[0288] The following 54 clones presumably belong to cell division-associated and/or cell proliferation-associated proteins.					
55	HEMBA1001019,	HEMBA1001595,	HEMBA1002363,	HEMBA1002997,	HEMBA1003136,	HEMBA1003369,
	HEMBA1004131,	HEMBA1004354,	HEMBA1005621,	HEMBA1000037,	HEMBA1000264,	MAMMA1001768,
	MAMMA1002769,	NT2RM1000354,	NT2RM1000430,	NT2RM1000874,	NT2RM2001256,	NT2RM2001743,

NT2RM2001896, NT2RM2002145, NT2RM4000215, NT2RM4001714, NT2RP1000163, NT2RP1000333,
 NT2RP1000439, NT2RP2000346, NT2RP2001397, NT2RP2002595, NT2RP2003177, NT2RP2003596,
 NT2RP2003912, NT2RP2004396, NT2RP2005037, NT2RP2005520, NT2RP2005669, NT2RP2005835,
 NT2RP3001730, NT2RP3002081, NT2RP4000210, NT2RP4000415, NT2RP4001414, NT2RP4001634,
 5 OVARC1000013, OVARC1000937, PLACE1001383, PLACE1002433, PLACE1004316, PLACE1005287,
 PLACE1008808, PLACE1010720, PLACE1010833, Y79AA1000748, Y79AA1001236, Y79AA1001394,

[0289] The following 36 clones presumably belong to the category of embryogenesis- and/or development-associated proteins.

HEMBA1000518, HEMBA1001847, HEMBA1001869, HEMBA1003545, HEMBA1004973, HEMBA1002442,
 10 MAMMA1001837, NT2RM2001670, NT2RM4000046, NT2RM4000531, NT2RM4001140, NT2RM4001858,
 NT2RP2002078, NT2RP2004187, NT2RP2006436, NT2RP3000603, NT2RP3000994, NT2RP3001580,
 NT2RP3001708, NT2RP3003071, NT2RP3004472, NT2RP3004617, NT2RP4000246, NT2RP4001567,
 OVARC1000304, OVARC1000746, PLACE1000793, PLACE1002532, PLACE1003258, PLACE1003625,
 PLACE1004460, PLACE1009622, PLACE4000558, THYRO1000085, Y79AA1001391, Y79AA1001692,

15 [0290] The following 30 clones presumably belong to cellular defense-associated proteins.

HEMBA1000005, HEMBA1000531, HEMBA1003417, HEMBA1006253, NT2RM4000354, NT2RM4001880,
 NT2RP1000333, NT2RP1000493, NT2RP2000006, NT2RP2000045, NT2RP2000809, NT2RP2001536,
 NT2RP2002464, NT2RP2004920, NT2RP2005037, NT2RP3000590, NT2RP3001426, NT2RP3002062,
 NT2RP3002785, NT2RP3004262, NT2RP4001555, NT2RP4001638, PLACE1006958, PLACE1008275,
 20 PLACE1009113, PLACE1011858, PLACE4000014, THYRO1000684, Y79AA1002139, Y79AA1002229,

[0291] Although it is unclear whether or not 261 clones out of clones other than the above-mentioned clones belong to any of the above-described categories, these clones are predicted to have some functions, based on the homology search using the full-length sequences thereof. The clone names and the gene definitions found in the result of homology search are shown below, separated with a double-slash mark.///

25 HEMBA1000030//Homo sapiens ARF GTPase-activating protein GIT1 mRNA, complete cds.

HEMBA1000307//CARNITINE DEFICIENCY-ASSOCIATED PROTEIN EXPRESSED IN VENTRICLE 1

30 HEMBA1000333//Homo sapiens F-box protein Fbx21 (FBX21) mRNA, complete cds.

HEMBA1000488//RING CANAL PROTEIN (KELCH PROTEIN)

HEMBA1000523//TESTIS-SPECIFIC PROTEIN PBS13.

HEMBA1001197//Homo sapiens rap2 interacting protein x mRNA, complete cds.

HEMBA1001302//Homo sapiens calcium binding protein precursor mRNA, complete cds.

35 HEMBA1001455//Mus musculus transposon-derived Buster2 transposase-like protein gene, partial cds.

HEMBA1001675//VACUOLAR PROTEIN SORTING-ASSOCIATED PROTEIN VPS9.

HEMBA1001714//Homo sapiens mRNA for ATPase inhibitor precursor, complete cds.

HEMBA1001744//SCY1 PROTEIN.

HEMBA1001967//Homo sapiens NY-REN-57 antigen mRNA, partial cds.

40 HEMBA1002151//Rattus norvegicus p34 mRNA, complete cds.

HEMBA1002215//TESTIN 2 (TES2) [CONTAINS: TESTIN 1 (TES1)].

HEMBA1002458//OVARIAN GRANULOSA CELL 13.0 KD PROTEIN HGR74.

HEMBA1002777//Fugu rubripes BAW (BAW) mRNA, complete cds.

HEMBA1003098//Homo sapiens NY-REN-6 antigen mRNA, partial cds.

45 HEMBA1003199//Homo sapiens chromosome 5 F-box protein Fbx4 (FBX4) mRNA, complete cds.

HEMBA1003615//Homo sapiens ART-4 mRNA, complete cds.

HEMBA1003836//MOB1 PROTEIN (MPS1 BINDER 1).

HEMBA1004295//Homo sapiens NY-REN-25 antigen mRNA, partial cds.

HEMBA1004573//Homo sapiens mRNA for HELG protein.

50 HEMBA1004604//Homo sapiens COP9 complex subunit 7a mRNA, complete cds.

HEMBA1004795//CDC4-LIKE PROTEIN (FRAGMENT).

HEMBA1005101//Homo sapiens SYT interacting protein SIP mRNA, complete cds.

HEMBA1005201//Homo sapiens CGI-07 protein mRNA, complete cds.

HEMBA1005206//Drosophila simulans anon73B1 gene and Su(P) gene.

55 HEMBA1005530//Homo sapiens anaphase-promoting complex subunit 7 (APC7) mRNA, complete cds.

HEMBA1005666//Homo sapiens mRNA for DIPB protein.

HEMBA1005990//Homo sapiens I-1 receptor candidate protein mRNA, complete cds.

HEMBA1006268//Homo sapiens HQO024c mRNA, complete cds.

- HEMBA1006398//Human L1 element L1.6 putative p150 gene, complete cds.
HEMBA1006445//Homo sapiens putative tumor suppressor NOEY2 mRNA, complete cds.
HEMBA1007174//Homo sapiens epsin 2b mRNA, complete cds.
5 HEMBA1007251//Homo sapiens F-box protein FBX29 (FBX29) mRNA, partial cds. HEMBB1000036//Homo sapiens CGI-51 protein mRNA, complete cds.
HEMBB1000144//GUANYLATE CYCLASE ACTIVATING PROTEIN 2 (GCAP 2) (RETINAL GUANYLYL CYCLASE ACTIVATOR PROTEIN P24).
HEMBB1000973//Mus musculus schlafen3 (Slfn3) mRNA, complete cds.
HEMBB1001058//Homo sapiens neuronal thread protein AD7c-NTP mRNA, complete cds
10 HEMBB1001234//65 KD YES-ASSOCIATED PROTEIN (YAP65).
HEMBB1001288//COPPER HOMEOSTASIS PROTEIN CUTC.
HEMBB1001331//Mus musculus mRNA for hepatoma-derived growth factor, complete cds, strain:BALB/c.
HEMBB1001384//Homo sapiens COP9 complex subunit 4 mRNA, complete cds.
HEMBB1002266//NEURONAL PROTEIN.
15 HEMBB1002510//GYP7 PROTEIN.
HEMBB1002705//Homo sapiens CGI-27 protein mRNA, complete cds.
MAMMA1000055//TESTIN 2 (TES2) [CONTAINS: TESTIN 1 (TEST)].
MAMMA1000625//GYP7 PROTEIN.
MAMMA1001075//Homo sapiens CGI-72 protein mRNA, complete cds.
20 MAMMA1001181//ABC1 PROTEIN HOMOLOG PRECURSOR.
MAMMA1001259//Mus musculus F-box protein FBX18 mRNA, partial cds.
MAMMA1001730//Homo sapiens brain and nasopharyngeal carcinoma susceptibility protein NSG-x mRNA, partial cds.
MAMMA1002143//Homo sapiens Cdc42 effector protein 4 mRNA, complete cds.
25 MAMMA1002699//Rattus norvegicus EH domain binding protein Epsin mRNA, complete cds.
MAMMA1002972//VACUOLAR PROTEIN SORTING-ASSOCIATED PROTEIN VPS27.
MAMMA1003113//Mus musculus COP9 complex subunit 7a (COPS7a) mRNA, complete cds.
NT2RM1000118//CALCINEURIN B SUBUNIT (PROTEIN PHOSPHATASE 2B REGULATORY SUBUNIT) (CALCINEURIN REGULATORY SUBUNIT).
30 NT2RM1000186//CALCINEURIN B SUBUNIT (PROTEIN PHOSPHATASE 2B REGULATORY SUBUNIT) (CALCINEURIN REGULATORY SUBUNIT).
NT2RM1000244//Homo sapiens TRAF4 associated factor 1 mRNA, partial cds.
NT2RM1000421//RIBONUCLEASE INHIBITOR.
NT2RM1000499//Caenorhabditis elegans mRNA for centaurin gamma 1A.
35 NT2RM1000623//RIBONUCLEASE INHIBITOR.
NT2RM1000883//Homo sapiens I-1 receptor candidate protein mRNA, complete cds.
NT2RM2000502//Rattus norvegicus W3O7 mRNA, complete cds.
NT2RM2000599//Homo sapiens F-box protein Lilina (LILINA) mRNA, complete cds.
NT2RM2000718//Homo sapiens endocrine regulator mRNA, complete cds.
40 NT2RM2001065//Homo sapiens COP9 complex subunit 4 mRNA, complete cds.
NT2RM2001196//PROLINE-RICH PROTEIN MP-3 (FRAGMENT).
NT2RM2001983//Homo sapiens RGS-GAIP interacting protein GIPC mRNA, complete cds.
NT2RM2002109//Homo sapiens glioma amplified on chromosome 1 protein (GAC1) mRNA, complete cds.
NT2RM2002142//GASTRULATION SPECIFIC PROTEIN G12.
45 NT2RM4000030//LAS1 PROTEIN.
NT2RM4000139//R.norvegicus trg mRNA.
NT2RM4000156//H. sapiens HPBRII-7 gene.
NT2RM4000386//Mus musculus ODZ3 (Odz3) mRNA, partial cds.
NT2RM4000590//RING CANAL PROTEIN (KELCH PROTEIN).
50 NT2RM4001047//MO25 PROTEIN.
NT2RM4001155//ADRENAL MEDULLA 50 KD PROTEIN.
NT2RM4001256//Xenopus laevis putative Zic3 binding protein mRNA, complete cds.
NT2RM4001320//Homo sapiens mRNA for Neuroblastoma, complete cds.
NT2RM4001340//UTR4 PROTEIN (UNKNOWN TRANSCRIPT 4 PROTEIN).
55 NT2RM4001347//Homo sapiens NY-REN-25 antigen mRNA, partial cds.
NT2RM4001371//Homo sapiens IDN3 mRNA, partial cds.
NT2RM4001582//Mus musculus COP9 complex subunit 7b (COPS7b) mRNA, complete cds.
NT2RM4001611//SIS2 PROTEIN (HALOTOLERANCE PROTEIN HAL3).

- NT2RM4001731//Homo sapiens F-box protein Lilina (LILINA) mRNA, complete cds.
 NT2RM4001969//R.norvegicus mRNA for IP63 protein.
 NT2RM4002034//Homo sapiens hiwi mRNA, partial cds.
 NT2RM4002075//RING CANAL PROTEIN (KELCH PROTEIN).
 5 NT2RM4002226//GTPASE ACTIVATING PROTEIN ROTUND.
 NT2RP1000040//Mus musculus donson protein (Donson) mRNA, partial cds.
 NT2RP1000363//R.norvegicus LL5 mRNA.
 NT2RP1000481//Homo sapiens antigen NY-CO-3 (NY-CO-3) mRNA, partial cds.
 NT2RP1000513//Human NifU-like protein (hNifU) mRNA, partial cds.
 10 NT2RP1000733//Human mRNA for GSPT1-TK protein, complete cds.
 NT2RP1000860//Homo sapiens KLO4P mRNA, complete cds.
 NT2RP1000954//RING CANAL PROTEIN (KELCH PROTEIN).
 NT2RP1001011//Drosophila melanogaster putative 43 kDa protein (TH1) mRNA, complete cds.
 NT2RP1001395//Homo sapiens COP9 complex subunit 7a mRNA, complete cds.
 15 NT2RP1001457//Homo sapiens partial mRNA for beta-transducin family protein (putative).
 NT2RP1001494//MALE STERILITY PROTEIN 2.
 NT2RP2000054//Homo sapiens putative ring zinc finger protein NY-REN-43 antigen mRNA, complete cds.
 NT2RP2000067//Mus musculus ODZ3 (Odz3) mRNA, partial cds.
 NT2RP2000133//Homo sapiens Leman coiled-coil protein (LCCP) mRNA, complete cds.
 20 NT2RP2000157//MLO2 PROTEIN.
 NT2RP2000764//NIFS PROTEIN.
 NT2RP2000965//Homo sapiens mRNA for fls353, complete cds.
 NT2RP2001839//SCY1 PROTEIN.
 NT2RP2001883//Homo sapiens CGI-01 protein mRNA, complete cds.
 25 NT2RP2001976//Mus musculus calmodulin-binding protein SHA1 (Sha1) mRNA, complete cds.
 NT2RP2001985//Homo sapiens high-risk human papilloma viruses E6 oncoproteins targeted protein E6TP1 alpha mRNA, complete cds.
 NT2RP2002185//Homo sapiens ubiquilin mRNA, complete cds.
 NT2RP2002442//HESA PROTEIN.
 30 NT2RP2002727//Rattus norvegicus tulip 2 mRNA, complete cds.
 NT2RP2002741//Homo sapiens mRNA for Neuroblastoma, complete cds.
 NT2RP2002986//Homo sapiens mRNA for Kelch motif containing protein, complete cds.
 NT2RP2003121//Mus musculus enhancer of polycomb (Epc1) mRNA, complete cds.
 NT2RP2003265//Homo sapiens CGI-53 protein mRNA, complete cds.
 35 NT2RP2003272//Homo sapiens ubiquilin mRNA, complete cds.
 NT2RP2003857//MYOTROPHIN (V-1 PROTEIN) (GRANULE CELL DIFFERENTIATION PROTEIN).
 NT2RP2003871//Homo sapiens transposon-derived Buster1. transposase-like protein gene, complete cds.
 NT2RP2004425//Mus musculus axotrophin mRNA, complete cds.
 NT2RP2004476//Homo sapiens cyclin L ania-6a mRNA, complete cds.
 40 NT2RP2004710//Mus musculus formin binding protein 30 mRNA, complete cds.
 NT2RP2004816//H58 PROTEIN.
 NT2RP2005441//Homo sapiens hypothalamus protein HT002 mRNA, complete cds.
 NT2RP2005490//Mus musculus D3Mm3e (D3Mm3e) mRNA, complete cds.
 NT2RP2005620//Homo sapiens epsin 2a mRNA, complete cds.
 45 NT2RP2005654//CYSTEINE STRING PROTEIN (CCCS1).
 NT2RP2005675//Homo sapiens growth suppressor related (DOC-1R) mRNA, complete cds.
 NT2RP2005753//Homo sapiens I-1 receptor candidate protein mRNA, complete cds.
 NT2RP2005841//Homo sapiens mRNA for ALEX3, complete cds.
 NT2RP2006598//Homo sapiens retinoid x receptor interacting protein mRNA, complete cds.
 50 NT2RP3000047//NPL4 PROTEIN.
 NT2RP3000233//RING CANAL PROTEIN (KELCH PROTEIN).
 NT2RP3000868//Human ovarian cancer downregulated myosin heavy chain homolog (Doc1) mRNA, complete cds.
 NT2RP3000869//Drosophila melanogaster AAA family protein Bor (bor) mRNA, complete cds.
 55 NT2RP3001399//SSU72 PROTEIN.
 NT2RP3001407//SCY1 PROTEIN.
 NT2RP3001457//Drosophila melanogaster Melted (melt) mRNA, partial cds.
 NT2RP3001587//Human anthracycline-associated resistance ARX mRNA, complete cds.

NT2RP3001712//Homo sapiens HP1-BP74 protein mRNA, complete cds.
 NT2RP3001819//RING CANAL PROTEIN (KELCH PROTEIN).
 NT2RP3001854//Homo sapiens novel retinal pigment epithelial cell protein (NORPEG) mRNA, complete cds.
 NT2RP3001931//Rattus norvegicus clone C48 CDK5 activator-binding protein mRNA, complete cds.
 5 NT2RP3002273//SCD6 PROTEIN.
 NT2RP3002631//Homo sapiens Ran binding protein 11 mRNA, complete cds.
 NT2RP3002682//Homo sapiens CGI-145 protein mRNA, complete cds.
 NT2RP3002770//MYELOID DIFFERENTIATION PRIMARY RESPONSE PROTEIN MYD116.
 NT2RP3002818//INSERTION ELEMENT IS2A HYPOTHETICAL 48.2 KD PROTEIN.
 10 NT2RP3002948//RING CANAL PROTEIN (KELCH PROTEIN).
 NT2RP3002972//Halocynthia roretzi mRNA for HrPET-1, complete cds.
 NT2RP3003032//Homo sapiens okadaic acid-inducible and cAMP-regulated phosphoprotein 19 (ARPP-19) mRNA, complete cds.
 NT2RP3003290//Mus musculus mRNA for Ndr1 related protein Ndr3, complete cds.
 15 NT2RP3003411//Mus musculus COP9 complex subunit 7b (COPS7b) mRNA, complete cds.
 NT2RP3003491//Drosophila melanogaster Pelle associated protein Pellino (Pli) mRNA, complete cds.
 NT2RP3003500//SCY1 PROTEIN.
 NT2RP3003726//Homo sapiens spermatogenesis associated PD1 mRNA, complete cds.
 NT2RP3004348//R. norvegicus mRNA for cytosolic resiniferatoxin-binding protein.
 20 NT2RP3004507//MOB1 PROTEIN (MPS1 BINDER 1).
 NT2RP4000129//Xenopus laevis F-box protein 28 (Fbx28) mRNA, partial cds.
 NT2RP4000498//MOB1 PROTEIN (MPS1 BINDER 1).
 NT2RP4000528//NPL4 PROTEIN.
 NT2RP4000737//Mus musculus F-box protein FBL10 mRNA, partial cds.
 25 NT2RP4000979//Homo sapiens putative HIV-1 infection related protein mRNA, partial cds.
 NT2RP4001010//Rattus norvegicus PSD-95/SAP90-associated protein-4 mRNA, complete cds.
 NT2RP4001207//Homo sapiens Ran binding protein 11 mRNA, complete cds.
 NT2RP4001228//RING CANAL PROTEIN (KELCH PROTEIN).
 NT2RP4001260//Homo sapiens F-box protein Fbx21 (FBX21) mRNA, complete cds.
 30 NT2RP4001339//Homo sapiens mRNA for AMMERC1 protein.
 NT2RP4001351//Human ovarian cancer downregulated myosin heavy chain homolog (Doc1) mRNA, complete cds.
 NT2RP4001474//Xenopus laevis putative Zic3 binding protein mRNA, complete cds.
 NT2RP4001966//Mus musculus ODZ3 (Odz3) mRNA, partial cds.
 35 NT2RP4002018//RING CANAL PROTEIN (KELCH PROTEIN).
 OVARC1000209//Oryza sativa submergence induced protein 2A mRNA, complete cds.
 OVARC1000876//MOB1 PROTEIN (MPS1 BINDER 1).
 OVARC1001065//Homo sapiens CGI-12 protein mRNA, complete cds.
 OVARC1001092//Homo sapiens mRNA for JM5 protein, complete CDS (clone IMAGE 53337, LLNLc110F185707
 40 (RZPD Berlin) and LLNLc110G0913Q7 (RZPD Berlin)).
 OVARC1001419//Homo sapiens GOK (STIM1) mRNA, complete cds.
 OVARC1001555//NGG1-INTERACTING FACTOR 3.
 OVARC1001711//CORNIFIN B (SMALL PROLINE-RICH PROTEIN 1B) (SPR1B) (SPR1 B).
 OVARG1001943//Mus musculus DEBT-91 mRNA, complete cds.
 45 PLACE1000004//Homo sapiens IDN3-B mRNA, complete cds.
 PLACE1000066//SSU72 PROTEIN.
 PLACE1000610//MSN5 PROTEIN.
 PLACE1000636//MALE STERILITY PROTEIN 2.
 PLACE1000769//Homo sapiens CGI-18 protein mRNA, complete cds.
 50 PLACE1000987//Rattus norvegicus late gestation lung 2 protein (Lgl2) mRNA, complete cds.
 PLACE1001036//Homo sapiens mRNA for alpha integrin binding protein 63, partial.
 PLACE1001845//Mus musculus cyclin ania-6a mRNA, complete cds.
 PLACE1001920//Homo sapiens MDC-3.13 isoform 2 mRNA, complete cds.
 PLACE1002665//Mus musculus enhancer of polycomb (Epc1) mRNA, complete cds.
 55 PLACE1003602//Homo sapiens mRNA expressed in placenta.
 PLACE1003611//Homo sapiens anaphase-promoting complex subunit 4 (APC4) mRNA, complete cds.
 PLACE1004256//Mus musculus short coiled coil protein SCOCO (Scoc) mRNA, complete cds.
 PLACE1004550//Homo sapiens CGI-20 protein mRNA, complete cds.

- PLACE1004868//MALE STERILITY PROTEIN 2.
 PLACE1004930//Homo sapiens MDC-3.13 isoform 2 mRNA, complete cds.
 PLACE1005052//Homo sapiens CGI-16 protein mRNA, complete cds.
 PLACE1005102//RING CANAL PROTEIN (KELCH PROTEIN).
 5 PLACE1005176//Homo sapiens hypothalamus protein HT001 mRNA, complete cds.
 PLACE1005187//APAG PROTEIN.
 PLACE1005331//Homo sapiens 7h3 protein mRNA, partial cds.
 PLACE1005727//Homo sapiens STRIN protein (STRIN) mRNA, complete cds.
 PLACE1006003//Homo sapiens CGI-94 protein mRNA, complete cds.
 10 PLACE1006335//Homo sapiens NY-REN-50 antigen mRNA, partial cds.
 PLACE1006385//Homo sapiens epsin 2a mRNA, complete cds.
 PLACE1006506//Homo sapiens anaphase-promoting complex subunit 4 (APC4) mRNA, complete cds.
 PLACE1007105//Homo sapiens muskelin (MKLN1) mRNA, complete cds.
 PLACE1007537//Homo sapiens ankyrin repeat-containing protein ASB-2 mRNA, complete cds.
 15 PLACE1007705//Mus musculus mRNA for Ndr1 related protein Ndr3, complete cds.
 PLACE1007791//Homo sapiens IDN3-B mRNA, complete cds.
 PLACE1007897//Homo sapiens FLASH mRNA, complete cds.
 PLACE1008080//Homo sapiens mRNA for HEXIM1 protein, complete cds.
 PLACE1008368//RING CANAL PROTEIN (KELCH PROTEIN).
 20 PLACE1008398//GENE 33 POLYPEPTIDE.
 PLACE1008465//Homo sapiens mRNA for rapa-1 (rapa gene).
 PLACE1008627//Homo sapiens mRNA for cysteine-rich protein.
 PLACE1009020//NIFS PROTEIN.
 PLACE1009060//BRO1 PROTEIN.
 25 PLACE1009186//Homo sapiens small zinc finger-like protein (TIM9b) mRNA, complete cds.
 PLACE1009443//Mus musculus F-box protein FBL8 mRNA, complete cds.
 PLACE1009571//Homo sapiens PTD002 mRNA, complete cds.
 PLACE1009670//Homo sapiens genethonin 1 mRNA, complete cds.
 PLACE1010105//RING CANAL PROTEIN (KELCH PROTEIN).
 30 PLACE1010261//SEGREGATION DISTORTER PROTEIN.
 PLACE1010310//SPIDROIN 2 (DRAGLINE SILK FIBROIN 2) (FRAGMENT).
 PLACE1010522//Homo sapiens mRNA for DEPP (decidual protein induced by progesterone), complete cds.
 PLACE1010579//Homo sapiens CED-6 protein (CED-6) mRNA, complete cds.
 PLACE1010628//Homo sapiens S164 gene, partial cds; PS1 and hypothetical protein genes, complete cds; and
 35 S171 gene, partial cds.
 PLACE1010661//TESTIS-SPECIFIC PROTEIN PBS13.
 PLACE1010761//Homo sapiens mRNA for cisplatin resistance-associated overexpressed protein, complete cds.
 PLACE1011185//INSERTION ELEMENT IS1 PROTEIN INSB.
 PLACE1011340//Homo sapiens IDN3-B mRNA, complete cds.
 40 PLACE1011586//Rattus norvegicus clone C53 CDK5 activator-binding protein mRNA, complete cds.
 PLACE2000246//RING CANAL PROTEIN (KELCH PROTEIN).
 PLACE2000411//Homo sapiens epsin 2b mRNA, complete cds.
 PLACE3000477//Homo sapiens phosphoprotein pp75 mRNA, partial cds.
 THYRO1000173//Homo sapiens AP-mu chain family member mu1B (HSMU1B) mRNA, complete cds.
 45 THYRO1000401//Human TcD37 homolog (HTcD37) mRNA, partial cds.
 THYRO1000666//Mus musculus mRNA for kinesin like protein 9.
 THYRO1001033//TRANSFORMATION-SENSITIVE PROTEIN IEF SSP.3521.
 THYRO1001347//Homo sapiens RAN binding protein 16 mRNA, complete cds.
 THYRO1001656//Homo sapiens Leman coiled-coil protein (LCCP) mRNA, complete cds.
 50 THYRO1001703//NIFR3-LIKE PROTEIN.
 THYRO1001721//RING CANAL PROTEIN (KELCH PROTEIN).
 Y79AA1000059//Homo sapiens aryl-hydrocarbon interacting protein-like 1 (AIP1) gene, complete cds.
 Y79AA1000181//Homo sapiens CGI-01 protein mRNA, complete cds.
 Y79AA1000268//Mus musculus Nip2l mRNA, complete cds.
 55 Y79AA1000313//CALPHOTIN.
 Y79AA1000540//CELL POLARITY PROTEIN TEA1.
 Y79AA1000966//Homo sapiens COP9 complex subunit 4 mRNA, complete cds.
 Y79AA1000985//Human centrosomal protein kendrin mRNA, complete cds.

Y79AA1001323//Mus musculus mRNA for GSG1, complete cds.

Y79AA1001402//Homo sapiens paraneoplastic cancer-testis-brain antigen (MA4) mRNA, partial cds.

Y79AA1001679//Homo sapiens lambda-crystallin mRNA, complete cds.

5 Y79AA1001923//Homo sapiens F-box protein Fbx22 (FBX22) gene, partial cds. Y79AA1002083//H. sapiens mRNA for MUF1 protein.

Y79AA1002307//Homo sapiens astrotactin2 (ASTN2) mRNA, complete cds.

Y79AA1002311//R. norvegicus mRNA for cytosolic resiniferatoxin-binding protein.

Y79AA1002487//Homo sapiens chromosome 5 F-box protein Fbx4 (FBX4) mRNA, complete cds.

10 **[0292]** Among the clones other than the above-mentioned, there were 36 clones that were similarly classified into the functional categories based on the results of functional domain search using the Pfam program. These clones were categorized as follows.

[0293] Clones presumably belonging to the category of secretory or membrane proteins are two clones, MAMMA1002498 and NT2RM4002287; a clone presumably belonging to the category of glycoproteins-associated proteins is a clone MAMMA1002498; clones presumably belonging to the category of signal transduction-associated proteins are 11 clones, HEMBA1001247, NT2RM2001813, NT2RM4001454, NT2RP2005140, NT2RP2005293, NT2RP3000487, NT2RP3003311, PLACE1000972, PLACE1003723, PLACE1005327, and PLACE3000124; clones presumably belonging to the category of transcription-associated proteins are 12 clones, HEMBA1003257, NT2RM2000101, NT2RM2001797, NT2RP1000101, NT2RP2002208, NT2RP3001214, NT2RP3003278, NT2RP4001235, PLACE1000050, PLACE1001716, PLACE1002499, and PLACE1007544; clones presumably belonging to the category of enzymes and/or metabolism-associated proteins are 2 clones, HEMBA1005732 and MAMMA1000402; clones presumably belonging to the category of DNA- and/or RNA-binding proteins are 4 clones, HEMBA1004596, OVARC1000148, PLACE1003334, and THYRO1001661; a clone presumably belonging to the category of protein synthesis- and/or protein transport-associated proteins is a clone, HEMBA1006284.

25 **[0294]** So far, useful information for presuming the functions is unavailable for the remaining 2511 clones. Their functions will possibly be revealed by further analyses. Names of the clones are listed below.

[0295] So far, useful information for presuming the functions are unavailable for the remaining 2511 clones. Their functions will possibly be revealed by further analyses. Names of the clones are listed below.

30 HEMBA1000042, HEMBA1000046, HEMBA1000050, HEMBA1000076, HEMBA1000193, HEMBA1000213, HEMBA1000227, HEMBA1000231, HEMBA1000243, HEMBA1000244, HEMBA1000251, HEMBA1000264, HEMBA1000280, HEMBA1000282, HEMBA1000288, HEMBA1000290, HEMBA1000302, HEMBA1000327, HEMBA1000338, HEMBA1000351, HEMBA1000357, HEMBA1000376, HEMBA1000387, HEMBA1000392, HEMBA1000396, HEMBA1000428, HEMBA1000442, HEMBA1000456, HEMBA1000459, HEMBA1000460, HEMBA1000469, HEMBA1000497, HEMBA1000501, HEMBA1000504, HEMBA1000505, HEMBA1000508, 35 HEMBA1000519, HEMBA1000520, HEMBA1000534, HEMBA1000545, HEMBA1000557, HEMBA1000568, HEMBA1000575, HEMBA1000594, HEMBA1000604, HEMBA1000622, HEMBA1000636, HEMBA1000655, HEMBA1000673, HEMBA1000682, HEMBA1000686, HEMBA1000702, HEMBA1000722, HEMBA1000726, HEMBA1000727, HEMBA1000749, HEMBA1000752, HEMBA1000769, HEMBA1000773, HEMBA1000774, HEMBA1000843, HEMBA1000867, HEMBA1000869, HEMBA1000872, HEMBA1000876, HEMBA1000908, 40 HEMBA1000918, HEMBA1000934, HEMBA1000942, HEMBA1000943, HEMBA1000946, HEMBA1000960, HEMBA1000968, HEMBA1000971, HEMBA1000972, HEMBA1000975, HEMBA1000985, HEMBA1000986, HEMBA1001008, HEMBA1001009, HEMBA1001020, HEMBA1001022, HEMBA1001024, HEMBA1001026, HEMBA1001051, HEMBA1001060, HEMBA1001080, HEMBA1001094, HEMBA1001099, HEMBA1001109, HEMBA1001121, HEMBA1001122, HEMBA1001123, HEMBA1001133, HEMBA1001140, HEMBA1001208, 45 HEMBA1001213, HEMBA1001226, HEMBA1001235, HEMBA1001281, HEMBA1001299, HEMBA1001303, HEMBA1001310, HEMBA1001319, HEMBA1001323, HEMBA1001326, HEMBA1001327, HEMBA1001330, HEMBA1001361, HEMBA1001375, HEMBA1001377, HEMBA1001383, HEMBA1001388, HEMBA1001391, HEMBA1001398, HEMBA1001411, HEMBA1001413, HEMBA1001415, HEMBA1001432, HEMBA1001433, HEMBA1001435, HEMBA1001442, HEMBA1001450, HEMBA1001463, HEMBA1001497, HEMBA1001522, 50 HEMBA1001533, HEMBA1001566, HEMBA1001570, HEMBA1001581, HEMBA1001589, HEMBA1001608, HEMBA1001636, HEMBA1001640, HEMBA1001647, HEMBA1001655, HEMBA1001658, HEMBA1001702, HEMBA1001711, HEMBA1001712, HEMBA1001731, HEMBA1001745, HEMBA1001750, HEMBA1001781, HEMBA1001784, HEMBA1001791, HEMBA1001803, HEMBA1001815, HEMBA1001820, HEMBA1001835, HEMBA1001864, HEMBA1001888, HEMBA1001910, HEMBA1001912, HEMBA1001915, HEMBA1001918, 55 HEMBA1001939, HEMBA1001940, HEMBA1001942, HEMBA1001950, HEMBA1001964, HEMBA1001987, HEMBA1002018, HEMBA1002022, HEMBA1002039, HEMBA1002049, HEMBA1002084, HEMBA1002100, HEMBA1002113, HEMBA1002119, HEMBA1002160, HEMBA1002162, HEMBA1002185, HEMBA1002189, HEMBA1002191, HEMBA1002199, HEMBA1002204, HEMBA1002229, HEMBA1002237, HEMBA1002265,

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45 Homology Search Result Data 1.

[0296] The result of the homology search of the SwissProt using the 5'-end sequence.

[0297] Data include

50 the name of clone,
definition of the top hit data,
the P-value: the length of the compared sequence: identity (%), and
the organism and the Accession No. of the top hit data, as in the order separated by //.

55 [0298] Data are not shown for the clones in which the P-value was higher than 1.

[0299] The P-value is a score obtained statistically by taking into account the possible similarity between two sequences. In general, the smaller P-value reflects the higher similarity. (Altschul, S.F., Gish, W., Miller, W., Myers, E.W. & Lipman, D.J. (1990) "Basic local alignment search tool" J. Mol. Biol. 215:403-410; Gish, W. &

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States, D.J. (1993) "Identification of protein coding regions by database similarity search." Nature Genet. 3:266-272).

5 F-HEMBA1000005//DNAJ PROTEIN HOMOLOG MTJ1 //1.8e-85:244:75//MUS MUSCULUS (MOUSE) //Q61712
 F-HEMBA1000012//PROBABLE LEUCYL-TRNA SYNTHETASE (EC 6.1.1.4) (LEUCINETRNASYLASE)
 (LEURS) //7.6e-57:231:53//CAENORHABDITIS ELEGANS //Q09996
 F-HEMBA1000020//TUBULIN BETA CHAIN //1.0e-92:143:80//AJELLOMYCES CAPSULATA (HISTOPLASMA
 CAPSULATUM) //P41742
 10 F-HEMBA1000030//CIRCUMSPOROZOITE PROTEIN PRECURSOR (CS) //0.021:136:33//PLASMODIUM
 KNOWLESII (STRAIN NURI) //P04922
 F-HEMBA1000042//METALLOTHIONEIN 10-II (MT-10-II) //0.71:64:32//MYTILUS EDULIS (BLUE MUSSEL) //P80247
 F-HEMBA1000046//PROTEIN Q300 //0.92:40:37//MUS MUSCULUS (MOUSE) //Q02722
 F-HEMBA1000050//COMPETENCE PROTEIN S //0.50:28:35//BACILLUS SUBTILIS //P80355
 15 F-HEMBA1000076//ATP SYNTHASE E CHAIN, MITOCHONDRIAL (EC 3.6.1.34) //0.86:41:41//HOMO SAPIENS
 (HUMAN) //P56385
 F-HEMBA1000111
 F-HEMBA1000129//UVSW PROTEIN (DAR PROTEIN) //0.023:68:33//BACTERIOPHAGE T4 //P20703
 F-HEMBA1000141//YSY6 PROTEIN //0.90:29:37//SACCHAROMYCES CEREVISIAE (BAKER'S YEAST) //P38374
 20 F-HEMBA1000150//ALU SUBFAMILY SP WARNING ENTRY !!! //8.4e-16:47:70//HOMO SAPIENS (HUMAN) //P39193
 F-HEMBA1000156//IMMEDIATE-EARLY PROTEIN //8.1e-07:143:28//HERPESVIRUS SAIMIRI (STRAIN 11) //Q01042
 25 F-HEMBA1000158//HYPOTHETICAL PROTEIN KIAA0192 (FRAGMENT) //7.9e-11:129:40//HOMO SAPIENS
 (HUMAN) //Q93074
 F-HEMBA1000168//INSULIN RECEPTOR SUBSTRATE-2 (IRS-2) (4PS) //0.00055:86:36//MUS MUSCULUS
 (MOUSE) //P81122
 F-HEMBA1000180//VPU PROTEIN (U ORF PROTEIN) //0.22:73:28//CHIMPANZEE IMMUNODEFICIENCY VI-
 30 RUS (SIV(CPZ)) (CIV) //P17286
 F-HEMBA1000185//RAS-1 PROTEIN //5.1e-10:121:29//NEUROSPORA CRASSA //P22126
 F-HEMBA1000193//PROLINE-RICH PEPTIDE P-B //0.00078:56:41//HOMO SAPIENS (HUMAN) //P02814
 F-HEMBA1000201//PROLINE-RICH PROTEIN MP-2 PRECURSOR //0.00061:49:42//MUS MUSCULUS
 (MOUSE) //P05142
 35 F-HEMBA1000213
 F-HEMBA1000216//HYPOXIA-INDUCIBLE FACTOR 1 ALPHA (HIF-1 ALPHA) (ARNT INTERACTING PRO-
 TEIN) //1.6e-59:115:53//MUS MUSCULUS (MOUSE) //Q61221
 F-HEMBA1000227//SUPPRESSOR PROTEIN SRP40 //0.00059:135:22//SACCHAROMYCES CEREVISIAE
 (BAKER'S YEAST) //P32583
 40 F-HEMBA1000231//HYPOTHETICAL 60.7 KD PROTEIN, Q56F8.17C IN CHROMOSOME I //0.024:60:38//
 SCHIZOSACCHAROMYCES POMBE (FISSION YEAST) //Q10264
 F-HEMBA1000243//LINE-1 REVERSE TRANSCRIPTASE HOMOLOG //0.0038:125:34//HOMO SAPIENS (HU-
 MAN) //P08547
 F-HEMBA1000244//HYPOTHETICAL 123.6 KD PROTEIN IN POR2-COX5B INTERGENIC REGION //3.1e-17:
 45 149:36//SACCHAROMYCES CEREVISIAE (BAKER'S YEAST) //P40480
 F-HEMBA1000251
 F-HEMBA1000264//PROBABLE E5 PROTEIN //1.0:49:36//HUMAN PAPILLOMAVIRUS TYPE 58 //P26552
 F-HEMBA1000280//SHORT NEUROTOXIN 1 (TOXIN C-6) //0.98:58:31//NAJA NAJA KAOUTHIA (MONOCLED
 COBRA) (NAJA NAJA SIAMENSIS) //P14613
 50 F-HEMBA1000282//ALU SUBFAMILY J WARNING ENTRY !!! //0.14:26:65//HOMO SAPIENS (HUMAN) //P39188
 F-HEMBA1000288
 F-HEMBA1000290//HYPOTHETICAL 14 KD PROTEIN IN TVRI-6 REPETITIVE REGION //3.8e-06:98:39//HOMO
 SAPIENS (HUMAN) //P10516
 55 F-HEMBA1000302
 F-HEMBA1000303//HYPOTHETICAL 104.4 KD PROTEIN, F54G8.4 IN CHROMOSOME III //1.3e-05:69:42//
 CAENORHABDITIS ELEGANS //Q03601
 F-HEMBA1000304//ALU SUBFAMILY SQ WARNING ENTRY !!! //0.021:18:83//HOMO SAPIENS (HUMAN) //

P39194
 F-HEMBA1000307//MYOSIN HEAVY CHAIN, CLONE 203 (FRAGMENT)//7.1e-06:235:25//HYDRA ATTENUATA (HYDRA) (HYDRA VULGARIS)//P39922
 F-HEMBA1000327
 5 F-HEMBA1000333//SRP1 PROTEIN//1.0:159:30//SCHIZOSACCHAROMYCES POMBE (FISSION YEAST)//Q10193
 F-HEMBA1000338//!!!! ALU SUBFAMILY SP WARNING ENTRY !!!!!/8.8e-26:36:83//HOMO SAPIENS (HUMAN)//P39193
 F-HEMBA1000351
 10 F-HEMBA1000355//BASIC PROLINE-RICH PEPTIDE P-E (IB-9)//0.99:22:50//HOMO SAPIENS (HUMAN)//P02811
 F-HEMBA1000356//IMMEDIATE-EARLY PROTEIN IE180//0.11:82:36//PSEUDORABIES VIRUS (STRAIN INDIANA-FUNKHAUSER / BECKER) (PRV)//P11675
 F-HEMBA1000357//!!!! ALU SUBFAMILY SC WARNING ENTRY !!!!!/2.1e-35:105:74//HOMO SAPIENS (HUMAN)//P39192
 15 F-HEMBA1000366//HYPOTHETICAL TRANSCRIPTIONAL REGULATOR AF1627//1.0:28:42//ARCHAEOGLOBUS FULGIDUS//O28646
 F-HEMBA1000369//PRESYNAPTIC DENSITY PROTEIN 95 (PSD-95)//0.013:140:26//HOMO SAPIENS (HUMAN)//P78352
 20 F-HEMBA1000376//RETROVIRUS-RELATED POL POLYPROTEIN [CONTAINS: REVERSE TRANSCRIPTASE (EC 2.7.7.49); ENDONUCLEASE]//6.8e-08:66:42//MUS MUSCULUS (MOUSE)//P11369
 F-HEMBA1000387//HYPOTHETICAL 63.2 KD PROTEIN C1F3.09 IN CHROMOSOME I//1.5e-15:177:32//SCHIZOSACCHAROMYCES POMBE (FISSION YEAST)//Q10414
 F-HEMBA1000390//PARATHYMOSIN//0.0071:61:29//HOMO SAPIENS (HUMAN)//P20962
 25 F-HEMBA1000392//!!!! ALU SUBFAMILY SQ WARNING ENTRY !!!!!/2.1e-30:92:69//HOMO SAPIENS (HUMAN)//P39194
 F-HEMBA1000396//LINE-1 REVERSE TRANSCRIPTASE HOMOLOG//3.9e-23:64:57//HOMO SAPIENS (HUMAN)//P08547
 F-HEMBA1000411
 30 F-HEMBA1000418
 F-HEMBA1000422//!!!! ALU SUBFAMILY J WARNING ENTRY !!!!!/8.3e-10:90:53//HOMO SAPIENS (HUMAN)//P39188
 F-HEMBA1000428//LINE-1 REVERSE TRANSCRIPTASE HOMOLOG//3.1e-12:72:55//HOMO SAPIENS (HUMAN)//P08547
 35 F-HEMBA1000434
 F-HEMBA1000442//GENE 11 PROTEIN//1.0:28:46//SPIROPLASMA VIRUS SPV1-R8A2 B//P15902
 F-HEMBA1000456//26S PROTEASOME REGULATORY SUBUNIT MTS4 (19S REGULATORY CAP REGION OF 26S PROTEASE SUBUNIT 2)//0.077:118:28//SCHIZOSACCHAROMYCES POMBE (FISSION YEAST)//P87048
 F-HEMBA1000459//HEME-REGULATED EUKARYOTIC INITIATION FACTOR EIF-2-ALPHA KINASE (EC 2.7.1.-) (HRI)//4.8e-62:102:78//ORYCTOLAGUS CUNICULUS (RABBIT)//P33279
 40 F-HEMBA1000460//LYSIS PROTEIN (E PROTEIN) (GPE)//1.0:24:50//BACTERIOPHAGE ALPHA-3//P31280
 F-HEMBA1000464
 F-HEMBA1000469//PILI PROTEIN//1.0:27:44//PSEUDOMONAS AERUGINOSA//P43502
 F-HEMBA1000488//ZINC FINGER PROTEIN 151 (MIZ-1 PROTEIN)//1.1e-07:90:38//HOMO SAPIENS (HUMAN)//Q13105
 45 F-HEMBA1000490//PLECTIN//0.74:254:25//RATTUS NORVEGICUS (RAT)//P30427
 F-HEMBA1000491//RAS-RELATED PROTEIN M-RAS//3.0e-14:100:36//RATTUS NORVEGICUS (RAT)//P97538
 F-HEMBA1000501//!!!! ALU SUBFAMILY SQ WARNING ENTRY !!!!!/1.5e-20:81:54//HOMO SAPIENS (HUMAN)//P39194
 50 F-HEMBA1000504
 F-HEMBA1000505//NEURON-SPECIFIC X11 PROTEIN (FRAGMENT)//0.00028:128:32//HOMO SAPIENS (HUMAN)//Q02410
 F-HEMBA1000508//CHITIN SYNTHASE 3 (EC 2.4.1.16) (CHITIN-UDP ACETYL-GLUCOSAMINYL TRANSFERASE 3)//0.61:132:25//SACCHAROMYCES CEREVISIAE (BAKER'S YEAST)//P29465
 55 F-HEMBA1000518
 F-HEMBA1000519//!!!! ALU SUBFAMILY SB WARNING ENTRY !!!!!/1.8e-37:68:75//HOMO SAPIENS (HUMAN)//P39189

EP 1 074 617 A2

F-HEMBA1000520//!!!! ALU SUBFAMILY SC WARNING ENTRY !!!!!/5.2e-09:75:49//HOMO SAPIENS (HUMAN)//P39192

F-HEMBA1000523//TESTIS-SPECIFIC PROTEIN PBS13//1.5e-35:257:36//MUS MUSCULUS (MOUSE)//Q01755

5 F-HEMBA1000531//HEAT SHOCK PROTEIN 70 B2//1.6e-14:72:44//ANOPHELES ALBIMANUS (NEW WORLD MALARIA MOSQUITO)//P41827

F-HEMBA1000534//!!!! ALU SUBFAMILY SP WARNING ENTRY !!!!!/9.7e-32:96:78//HOMO SAPIENS (HUMAN)//P39193

10 F-HEMBA1000540//LANTIBIOTIC LACTICIN 481 PRECURSOR (LACTOCOCCIN DR)//1.0:12:75//LACTOCOCCUS LACTIS (SUBSP. LACTIS) (STREPTOCOCCUS LACTIS)//P36499

F-HEMBA1000542//SPERM MITOCHONDRIAL CAPSULE SELENOPROTEIN (MCS)//0.0089:79:31//MUS MUSCULUS (MOUSE)//P15265

F-HEMBA1000545//LINE-1 REVERSE TRANSCRIPTASE HOMOLOG//9.0e-83:256:66//HOMO SAPIENS (HUMAN)//P08547

15 F-HEMBA1000555//TRANSLATION INITIATION FACTOR IF-2//3.6e-06:252:22//SACCHAROMYCES CEREVISIAE (BAKER'S YEAST)//P39730

F-HEMBA1000557

F-HEMBA1000561//ZINC FINGER PROTEIN 81 (FRAGMENT)//9.1e-18:200:28//HOMO SAPIENS (HUMAN)//P51508

20 F-HEMBA1000563

F-HEMBA1000568

F-HEMBA1000569//GPI-ANCHORED PROTEIN P137//1.0e-40:137:54//HOMO SAPIENS (HUMAN)//Q14444

F-HEMBA1000575

F-HEMBA1000588

25 F-HEMBA1000591//!!!! ALU SUBFAMILY SQ WARNING ENTRY !!!!!/3.1e-17:41:92//HOMO SAPIENS (HUMAN)//P39194

F-HEMBA1000592//CENTROMERIC PROTEIN E (CENP-E PROTEIN)//0.18:128:23//HOMO SAPIENS (HUMAN)//Q02224

30 F-HEMBA1000594//HYPOTHETICAL 29.3 KD PROTEIN B0280.6 IN CHROMOSOME III//0.93:24:54//CAENORHABDITIS ELEGANS//P41997

F-HEMBA1000604//!!!! ALU SUBFAMILY J WARNING ENTRY !!!!!/0.00010:49:55//HOMO SAPIENS (HUMAN)//P39188

F-HEMBA1000608//HYPOTHETICAL PROTEIN KIAA0411 (FRAGMENT)//1.8e-55:179:61//HOMO SAPIENS (HUMAN)//O43295

35 F-HEMBA1000622//!!!! ALU SUBFAMILY J WARNING ENTRY !!!!!/1.1e-21:94:62//HOMO SAPIENS (HUMAN)//P39188

F-HEMBA1000636//SULFATED SURFACE GLYCOPROTEIN 185 (SSG 185)//0.34:73:36//VOLVOX CARTERI//P21997

F-HEMBA1000637//BASIC PROLINE-RICH PEPTIDE IB-1//0.0057:76:38//HOMO SAPIENS (HUMAN)//P04281

40 F-HEMBA1000655

F-HEMBA1000657//ZINC FINGER PROTEIN GCS1//1.5e-07:66:37//SACCHAROMYCES CEREVISIAE (BAKER'S YEAST)//P35197

F-HEMBA1000662//METALLOTHIONEIN-II (MT-II)//0.79:33:39//CRICETULUS GRISEUS (CHINESE HAMSTER)//P02799

45 F-HEMBA1000673//!!!! ALU SUBFAMILY SP WARNING ENTRY !!!!!/3.1e-17:86:59//HOMO SAPIENS (HUMAN)//P39193

F-HEMBA1000682//RETROVIRUS-RELATED POLYPROTEIN [CONTAINS: REVERSE TRANSCRIPTASE (EC 2.7.7.49); ENDONUCLEASE]//3.0e-13:45:44//MUS MUSCULUS (MOUSE)//P11369

50 F-HEMBA1000686//HYPOTHETICAL 48.0 KD PROTEIN C1B3.08 IN CHROMOSOME I//4.5e-07:79:34//SCHIZOSACCHAROMYCES POMBE (FISSION YEAST)//O13873

F-HEMBA1000702

F-HEMBA1000705//PROTEIN Q300//0.80:25:44//MUS MUSCULUS (MOUSE)//Q02722

F-HEMBA1000719//MYOSIN IC HEAVY CHAIN//0.0026:115:44//ACANTHAMOEBA CASTELLANII (AMOEBA)//P10569

55 F-HEMBA1000722

F-HEMBA1000726//!!!! ALU SUBFAMILY SB2 WARNING ENTRY !!!!!/7.4e-32:83:77//HOMO SAPIENS (HUMAN)//P39191

F-HEMBA1000727//ZINC FINGER PROTEIN CTH2 (YTIS11 PROTEIN)//0.73:26:46//SACCHAROMYCES CER-

EVISIAE (BAKER'S YEAST)//P47977
 F-HEMBA1000747
 F-HEMBA1000749//HYPOTHETICAL PROTEIN HI1484//1.0:42:35//HAEMOPHILUS INFLUENZAE//P44211
 F-HEMBA1000752//RETROVIRUS-RELATED ENV POLYPROTEIN//1.0e-08:84:39//HOMO SAPIENS (HUMAN)//P10267
 5 F-HEMBA1000769
 F-HEMBA1000773//PAIRED BOX PROTEIN PAX-4//1.0:107:33//HOMO SAPIENS (HUMAN)//O43316
 F-HEMBA1000774/////ALU SUBFAMILY J WARNING ENTRY /////1.3e-23:92:63//HOMO SAPIENS (HUMAN)//P39188
 10 F-HEMBA1000791
 F-HEMBA1000817//PROLACTIN RECEPTOR PRECURSOR (PRL-R)//0.079:87:29//CERVUS ELAPHUS (RED DEER)//Q28235
 F-HEMBA1000822
 F-HEMBA1000827//HYPOTHETICAL 8.4 KD PROTEIN//0.98:48:39//VACCINIA VIRUS (STRAIN COPENHAGEN)//P20546
 15 F-HEMBA1000843//HYPOTHETICAL 7.3 KD PROTEIN D1044.5 IN CHROMOSOME III//0.92:46:34//CAENORHABDITIS ELEGANS//P41953
 F-HEMBA1000851//HOMEBOX PROTEIN GBX-2 (GASTRULATION AND BRAIN-SPECIFIC HOMEBOX PROTEIN 2)//0.048:39:51//HOMO SAPIENS (HUMAN)//P52951
 20 F-HEMBA1000852//ARYLSULFATASE D PRECURSOR (EC 3.1.6.-) (ASD)//4.0e-24:29:100//HOMO SAPIENS (HUMAN)//P51689
 F-HEMBA1000867
 F-HEMBA1000869//PROBABLE E5 PROTEIN//0.99:70:27//HUMAN PAPILLOMAVIRUS TYPE 18//P06792
 F-HEMBA1000870//MYOTOXIN 3 PRECURSOR (CROTAMINE 3)//0.79:43:32//CROTALUS DURISSUS TERRIFICUS (SOUTH AMERICAN RATTLESNAKE)//P24333
 25 F-HEMBA1000872//GAR2 PROTEIN//0.89:70:31//SCHIZOSACCHAROMYCES POMBE (FISSION YEAST)//P41891
 F-HEMBA1000876//DEFENSIN//0.89:34:38//ALLOMYRINA DICHOTOMA//Q10745
 F-HEMBA1000908//DNA-BINDING P52/P100 COMPLEX, 100 KD SUBUNIT (FRAGMENTS)//0.69:43:37//HOMO SAPIENS (HUMAN)//P30808
 30 F-HEMBA1000910//MELANOMA-ASSOCIATED ANTIGEN B3 (MAGE-B3 ANTIGEN)//5.1e-08:44:38//HOMO SAPIENS (HUMAN)//O15480
 F-HEMBA1000918//60S RIBOSOMAL PROTEIN L37-A (YL35) (FRAGMENT)//1.0:19:52//SCHIZOSACCHAROMYCES POMBE (FISSION YEAST)//P22667
 35 F-HEMBA1000919//69 KD PARAFLAGELLAR ROD PROTEIN (69-KD PFR PROTEIN) (PFR-A/PFR-B)//0.29:116:30//TRYPANOSOMA BRUCEI BRUCEI//P22225
 F-HEMBA1000934
 F-HEMBA1000942/////ALU SUBFAMILY J WARNING ENTRY /////0.85:27:59//HOMO SAPIENS (HUMAN)//P39188
 40 F-HEMBA1000943
 F-HEMBA1000946//STO-2 PROTEIN//0.82:82:30//CAENORHABDITIS ELEGANS//Q19958
 F-HEMBA1000960/////ALU SUBFAMILY SC WARNING ENTRY /////0.0097:29:72//HOMO SAPIENS (HUMAN)//P39192
 F-HEMBA1000968//METALLOTHIONEIN 20-III ISOFORMS A AND B (MT-20-IIIA AND MT-20-IIIB)//0.047:45:37//MYTILUS EDULIS (BLUE MUSSEL)//P80253
 45 F-HEMBA1000971//HYPOTHETICAL BHLF1 PROTEIN//0.038:172:31//EPSTEIN-BARR VIRUS (STRAIN B95-8) (HUMAN HERPESVIRUS 4)//P03181
 F-HEMBA1000972
 F-HEMBA1000974//HYPOTHETICAL PROTEIN MG441//0.98:66:28//MYCOPLASMA GENITALIUM//P47679
 50 F-HEMBA1000975//COLLAGEN ALPHA 2(VIII) CHAIN (ENDOTHELIAL COLLAGEN) (FRAGMENT)//0.028:57:36//HOMO SAPIENS (HUMAN)//P25067
 F-HEMBA1000985
 F-HEMBA1000986//SUBMANDIBULAR GLAND SECRETORY GLX-RICH PROTEIN CB PRECURSOR (GRP-CB) (CONTIGUOUS REPEAT POLYPEPTIDE) (CRP)//0.13:91:34//RATTUS NORVEGICUS (RAT)//P08462
 55 F-HEMBA1000991//HYPOTHETICAL 46.2 KD TRP-ASP REPEATS CONTAINING PROTEIN D2013.2 IN CHROMOSOME II//5.6e-05:37:45//CAENORHABDITIS ELEGANS//Q18964
 F-HEMBA1001007//HYPOTHETICAL PROTEIN KIAA0179//0.27:72:41//HOMO SAPIENS (HUMAN)//Q14684
 F-HEMBA1001008/////ALU SUBFAMILY SQ WARNING ENTRY /////2.4e-25:61:70//HOMO SAPIENS (HUMAN)

MAN)//P39194
 F-HEMBA1001009//CUTICLE COLLAGEN 34//0.044:214:29//CAENORHABDITIS ELEGANS//P34687
 F-HEMBA1001017//SYNDECAN-3 PRECURSOR (N-SYNDECAN) (NEUROGLYCAN)//5.0e-85:191:84//RAT-
 TUS NORVEGICUS (RAT)//P33671
 5 F-HEMBA1001019
 F-HEMBA1001020//!!!! ALU SUBFAMILY J WARNING ENTRY !!!!!//6.7e-24:49:73//HOMO SAPIENS (HUMAN)//
 P39188
 F-HEMBA1001022
 F-HEMBA1001024//LINE-1 REVERSE TRANSCRIPTASE HOMOLOG//3.0e-11:61:59//HOMO SAPIENS (HU-
 10 MAN)//P08547
 F-HEMBA1001026//HYPOTHETICAL PROTEIN BB0073//0.94:63:34//BORRELIA BURGDORFERI (LYME DIS-
 EASE SPIROCHETE)//O51100
 F-HEMBA1001043//INVOLUCRIN//0.0036:238:25//SAGUINUS OEDIPUS (COTTON-TOP TAMARIN)//P24712
 F-HEMBA1001051//!!!! ALU SUBFAMILY SB WARNING ENTRY !!!!!//3.3e-32:95:75//HOMO SAPIENS (HUMAN)//
 15 P39189
 F-HEMBA1001052//CURROMYCIN RESISTANCE PROTEIN//1.0:31:38//STREPTOMYCES HYGROSCOPI-
 CUS//P16961
 F-HEMBA1001059//N-ACETYL GALACTOSAMINE-6-SULFATASE PRECURSOR (EC 3.1.6.4) (N- ACETYLGA-
 LACTOSAMINE-6-SULFATE SULFATASE) (GALACTOSE-6-SULFATE SULFATASE) (GALNAC6S SULFATASE)
 20 (CHONDROITINSULFATASE) (CHONDROITINASE)//3.2e-132:249:94//HOMO SAPIENS (HUMAN)//P34059
 F-HEMBA1001060
 F-HEMBA1001071//PROCOLLAGEN ALPHA 1(III) CHAIN PRECURSOR//8.3e-23:51:96//HOMO SAPIENS (HU-
 MAN)//P02461
 F-HEMBA1001077//AUTOIMMUNE REGULATOR (APECED PROTEIN)//3.4e-06:37:56//HOMO SAPIENS (HU-
 25 MAN)//O43918
 F-HEMBA1001080//INFECTED CELL PROTEIN ICP34.5 (NEUROVIRULENCE FACTOR ICP34.5)//0.0012:70:
 38//HERPES SIMPLEX VIRUS (TYPE 1 / STRAW MGH-10)//P37319
 F-HEMBA1001085//SERINE/THREONINE PROTEIN PHOSPHATASE 5 (EC 3.1.3.16) (PPS) (PROTEIN PHOS-
 PHATASE T) (PPT) (FRAGMENT)//0.00018:76:32//MUS MUSCULUS (MOUSE)//Q60676
 30 F-HEMBA1001088//PINCH PROTEIN (PARTICULARLY INTERESTING NEW CYS-HIS PROTEIN)//3.5e-50:176:
 57//HOMO SAPIENS (HUMAN)//P48059
 F-HEMBA1001094
 F-HEMBA1001099//LIGHT-HARVESTING PROTEIN B800/850/890, ALPHA-2 CHAIN (EHA-ALPHA-2) (ANTEN-
 NA PIGMENT PROTEIN, ALPHA-2 CHAIN) (FRAGMENT)//1.0:15:60//ECTOTHIORHODOSPIRA HALOPHILA//
 35 P80101
 F-HEMBA1001109//!!!! ALU SUBFAMILY SB WARNING ENTRY !!!!!//6.7e-37:102:82//HOMO SAPIENS (HU-
 MAN)//P39189
 F-HEMBA1001121//LINE-1 REVERSE TRANSCRIPTASE HOMOLOG//0.036:49:46//HOMO SAPIENS (HU-
 MAN)//P08547
 40 F-HEMBA1001122
 F-HEMBA1001123
 F-HEMBA1001133//HYPOTHETICAL 9.4 KD PROTEIN (ORF2)//0.86:29:41//FELINE IMMUNODEFICIENCY VI-
 RUS (ISOLATE SAN DIEGO) (FIV), AND FELINE IMMUNODEFICIENCY VIRUS (ISOLATE PETALUMA) (FIV)//
 P19033
 45 F-HEMBA1001137//ZINC FINGER PROTEIN 84 (ZINC FINGER PROTEIN HPF2)//2.0e-22:103:52//HOMO SA-
 PIENS (HUMAN)//P51523
 F-HEMBA1001140//COLLAGEN ALPHA 4(IV) CHAIN PRECURSOR//0.032:94:36//HOMO SAPIENS (HUMAN)//
 P53420
 F-HEMBA1001172
 50 F-HEMBA1001174//ADP-RIBOSYLATION FACTOR-LIKE PROTEIN 5//2.9e-78:179:79//RATTUS NORVEGICUS
 (RAT)//P51646
 F-HEMBA1001197//MAJOR PRION PROTEIN PRECURSOR (PRP) (PRP27-30) (PRP33-35C) (FRAGMENT)//
 0.051:96:32//CERCOCEBUS ATERRIMUS, AND MACACA SYLVANUS (BARBARY APE)//Q95145
 F-HEMBA1001208
 55 F-HEMBA1001213
 F-HEMBA1001226//PROTEASOME COMPONENT C8 (EC 3.4.99.46) (MACROPAIN SUBUNIT C8) (MULTICAT-
 ALYTIC ENDOPEPTIDASE COMPLEX SUBUNIT C8)//1.5e-08:24:91//HOMO SAPIENS (HUMAN)//P25788
 F-HEMBA1001235//FIBRONECTIN (FN) (FRAGMENT)//0.76:50:38//ORYCTOLAGUS CUNICULUS (RABBIT)//

Q28749

F-HEMBA1001247//SULFATED SURFACE GLYCOPROTEIN 185 (SSG 185)//0.00052:16:81//VOLVOX CART-ERI//P21997

F-HEMBA1001257//2-ARYLPROPIONYL-COA EPIMERASE (EC 5.---)//1.6e-68:178:77//RATTUS NORVEGI-CUS (RAT)//P70473

F-HEMBA1001265//MANNAN ENDO-1,4-BETA-MANNOSIDASE A PRECURSOR (EC 3.2.1.78) (BETA- MAN-NANASE A) (1,4-BETA-D-MANNAN MANNANOHYDROLASE A)//0.67:23:60//PIROMYCES SP//P55296

F-HEMBA1001281//HYPOTHETICAL 8.9 KD PROTEIN YCF34 (ORF76)//0.83:48:35//PORPHYRA PURPU-REA//P51229

F-HEMBA1001286//COMPLEMENT DECAY-ACCELERATING FACTOR PRECURSOR//1.3e-07:185:29//CAVIA PORCELLUS (GUINEA PIG)//Q60401

F-HEMBA1001289//METABOTROPIC GLUTAMATE RECEPTOR 3 PRECURSOR//0.00018:159:30//RATTUS NORVEGICUS (RAT)//P31422

F-HEMBA1001294

F-HEMBA1001299//!!!! ALU SUBFAMILY SX WARNING ENTRY !!!!!//5.3e-07:27:77//HOMO SAPIENS (HUMAN)//P39195

F-HEMBA1001302//45 KD CALCIUM-BINDING PROTEIN PRECURSOR (STROMAL CELL-DERIVED FACTOR 4) (SDF-4)//3.3e-61:150:76//MUS MUSCULUS (MOUSE)//Q61112

F-HEMBA1001303

F-HEMBA1001310//HYPOTHETICAL PROTEIN KIAA0161//2.7e-10:170:27//HOMO SAPIENS (HUMAN)//P50876

F-HEMBA1001319

F-HEMBA1001323

F-HEMBA1001326//HYPOTHETICAL 55.1 KD PROTEIN IN FAB1-PES4 INTERGENIC REGION//1.1e-39:144:38//SACCHAROMYCES CEREVISIAE (BAKER'S YEAST)//P43601

F-HEMBA1001327

F-HEMBA1001330

F-HEMBA1001351//VESICLE-ASSOCIATED MEMBRANE PROTEIN/SYNAPTOBREVIN BINDING PROTEIN (VAP-33)//1.9e-37:155:46//APLYSIA CALIFORNICA (CALIFORNIA SEA HARE)//Q16943

F-HEMBA1001361//RUBREDOXIN (RD)//0.95:44:29//ALCALIGENES EUTROPHUS//P31912

F-HEMBA1001375//AEROLYSIN REGULATORY PROTEIN//0.013:45:33//AEROMONAS SOBRIA//P09165

F-HEMBA1001377//SPERM PROTAMINE P1//1.0:22:40//PLANIGALE MACULATA SINUALIS (COMMON PLAN-IGALE)//O18746

F-HEMBA1001383//TAT PROTEIN (TRANSACTIVATING REGULATORY PROTEIN)//0.60:37:29//HUMAN IM-MUNODEFICIENCY VIRUS TYPE 1 (Z2/CDC-Z34 ISOLATE) (HIV-1)//P12506

F-HEMBA1001387//GTP-BINDING PROTEIN TC10//6.6e-43:83:92//HOMO SAPIENS (HUMAN)//P17081

F-HEMBA1001388//HYPOTHETICAL PROTEIN KIAA0136 (FRAGMENT)//0.00088:46:45//HOMO SAPIENS (HUMAN)//Q14149

F-HEMBA1001391

F-HEMBA1001398//CLOACIN (EC 3.1.-.-) (RIBONUCLEASE)//1.0:59:37//ESCHERICHIA COLI//P00645

F-HEMBA1001405//SMALL PROLINE RICH PROTEIN II (SPR-II) (CLONE 930)//0.25:41:34//HOMO SAPIENS (HUMAN)//P22531

F-HEMBA1001407//SALIVARY PROLINE-RICH PROTEIN PRECURSOR (CLONES CP3, CP4 AND CP5) [CON-TAINS: BASIC PEPTIDE IB-6; PEPTIDE P-H]//4.0e-09:129:40//HOMO SAPIENS (HUMAN)//P04280

F-HEMBA1001411//HYPOTHETICAL 34.9 KD PROTEIN IN CYSJ-ENO INTERGENIC REGION (O313)//0.95:88:31//ESCHERICHIA COLI//P55140

F-HEMBA1001413//SOX-12 PROTEIN (FRAGMENT)//0.95:46:32//MUS MUSCULUS (MOUSE)//Q04890

F-HEMBA1001415//HISTONE H5//0.43:95:29//GALLUS GALLUS (CHICKEN)//P02259

F-HEMBA1001432//LANTIBIOTIC NISIN A PRECURSOR//0.77:46:32//LACTOCOCCUS LACTIS (SUBSP. LAC-TIS) (STREPTOCOCCUS LACTIS)//P13068

F-HEMBA1001433//LINE-1 REVERSE TRANSCRIPTASE HOMOLOG//4.8e-09:132:31//NYCTICEBUS COU-CANG (SLOW LORIS)//P08548

F-HEMBA1001435//!!!! ALU SUBFAMILY SB WARNING ENTRY !!!!!//1.2e-31:84:77//HOMO SAPIENS (HUMAN)//P39189

F-HEMBA1001442

F-HEMBA1001446//ANTIFREEZE PEPTIDE 4 PRECURSOR//0.71:41:39//PSEUDOPLEURONECTA AMERI-CANUS (WINTER FLOUNDER)//P02734

F-HEMBA1001450//PROLINE-RICH PROTEIN LAS17//0.13:127:27//SACCHAROMYCES CEREVISIAE (BAK-

ER'S YEAST)//Q12446
 F-HEMBA1001454//ATP SYNTHASE PROTEIN 8 (EC 3.6.1.34) (A6L)//0.57:38:47//HANSENULA WINGEI
 (YEAST)//P48882
 5 F-HEMBA1001455//CHEMOTAXIS PROTEIN CHEA (EC 2.7.3.-)//0.98:124:25//BORRELIA BURGDORFERI
 (LYME DISEASE SPIROCHETE)//Q44737
 F-HEMBA1001463//!!!! ALU SUBFAMILY SQ WARNING ENTRY !!!!!//2.8e-32:62:67//HOMO SAPIENS (HU-
 MAN)//P39194
 F-HEMBA1001476//NUCLEOPORIN NUP159 (NUCLEAR PORE PROTEIN NUP159)//6.8e-09:252:36//SAC-
 CHAROMYCES CEREVISIAE (BAKER'S YEAST)//P40477
 10 F-HEMBA1001478
 F-HEMBA1001497//!!!! ALU SUBFAMILY SQ WARNING ENTRY !!!!!//1.2e-33:105:72//HOMO SAPIENS (HU-
 MAN)//P39194
 F-HEMBA1001510//!!!! ALU SUBFAMILY SB WARNING ENTRY !!!!!//8.3e-37:54:81//HOMO SAPIENS (HUMAN)//
 P39189
 15 F-HEMBA1001515//LINE-1 REVERSE TRANSCRIPTASE HOMOLOG//2.0e-63:223:57//HOMO SAPIENS (HU-
 MAN)//P08547
 F-HEMBA1001517
 F-HEMBA1001522//TROPOMYOSIN ALPHA CHAIN, SMOOTH MUSCLE//0.78:150:22//COTURNIX COTURNIX
 JAPONICA (JAPANESE QUAIL)//P49437
 20 F-HEMBA1001526//PERIPLASMIC [FE] HYDROGENASE 1 (EC 1.18.99.1)//1.6e-06:130:29//CLOSTRIDIUM
 PASTEURIANUM//P29166
 F-HEMBA1001533//PROBABLE E5A PROTEIN//0.73:35:37//HUMAN PAPILLOMAVIRUS TYPE 6A//Q84296
 F-HEMBA1001557//HYPOTHETICAL 17.1 KD PROTEIN IN PUR5 3'REGION//1.5e-07:99:36//SACCHAROMY-
 CES CEREVISIAE (BAKER'S YEAST)//P38898
 25 F-HEMBA1001566//HYPOTHETICAL PROTEIN BB0692//0.91:27:44//BORRELIA BURGDORFERI (LYME DIS-
 EASE SPIROCHETE)//O51635
 F-HEMBA1001569//SYNAPTOBREVIN 2 (VESICLE ASSOCIATED MEMBRANE PROTEIN 2) (VAMP-2)//2.2e-
 50:110:95//HOMO SAPIENS (HUMAN), AND BOS TAURUS (BOVINE)//P19065
 F-HEMBA1001570//!!!! ALU SUBFAMILY SX WARNING ENTRY !!!!!//3.3e-33:107:72//HOMO SAPIENS (HU-
 MAN)//P39195
 30 F-HEMBA1001579//RING CANAL PROTEIN (KELCH PROTEIN)//1.2e-14:111:39//DROSOPHILA MELA-
 NOGASTER (FRUIT FLY)//Q04652
 F-HEMBA1001581
 F-HEMBA1001585
 35 F-HEMBA1001589//PROBABLE DNA-BINDING PROTEIN (AGNOPROTEIN)//0.98:51:33//HUMAN ADENOVIRUS
 TYPE 2//P03263
 F-HEMBA1001595//SEPTIN 2 HOMOLOG (FRAGMENT)//3.0e-124:274:85//HOMO SAPIENS (HUMAN)//
 Q14141
 F-HEMBA1001608//RENAL SODIUM/DICARBOXYLATE COTRANSPORTER (NA(+)/DICARBOXYLATE
 40 COTRANSPORTER)//0.99:28:39//ORYCTOLAGUS CUNICULUS (RABBIT)//Q28615
 F-HEMBA1001620//MYO-INOSITOL-1-PHOSPHATE SYNTHASE (EC 5.5.1.4) (IPS)//4.3e-45:222:46//
 SPIRODELA POLYRRHIZA//P42803
 F-HEMBA1001635//FIBRILLARIN//0.10:72:38//CAENORHABDITIS ELEGANS//Q22053
 F-HEMBA1001636//PAIRED BOX PROTEIN PAX-8, ISOFORMS 8C/8D//0.75:38:47//HOMO SAPIENS (HU-
 MAN)//Q09155
 45 F-HEMBA1001640//!!!! ALU SUBFAMILY J WARNING ENTRY !!!!!//14.7e-06:80:41//HOMO SAPIENS (HUMAN)//
 P39188
 F-HEMBA1001647//TRANSCRIPTION INITIATION FACTOR, TFIID, 135 KD SUBUNIT (TAFII-135) (TAFII135)
 (TAFII-130) (TAFII130)//0.075:165:32//HOMO SAPIENS (HUMAN)//Q00268
 50 F-HEMBA1001651//GOLGIN-95//6.8e-05:141:24//HOMO SAPIENS (HUMAN)//Q08379
 F-HEMBA1001655//PROLINE-RICH PROTEIN LAS17//0.19:97:30//SACCHAROMYCES CEREVISIAE (BAK-
 ER'S YEAST)//Q12446
 F-HEMBA1001658//TETRAHYDROMETHANOPTERIN S-METHYLTRANSFERASE 12 KD SUBUNIT (EC
 2.1.1.86) (N5-METHYLTETRAHYDROMETHANOPTERIN COENZYME M METHYLTRANSFERASE 12 KD SUB-
 55 UNIT)//1.0:29:44//METHANOBACTERIUM THERMOAUTOTROPHICUM (STRAIN MARBURG / DSM 2133)//
 Q50773
 F-HEMBA1001661//CELLULOSE COMPLEMENTING PROTEIN//0.35:87:33//ACETOBACTER XYLINUM (AC-
 ETOBACTER PASTEURIANUS)//P37697

F-HEMBA1001672//CIRCUMSPOROZOITE PROTEIN PRECURSOR (CS)//2.7e-10:216:35//PLASMODIUM
 CYNOMOLGI (STRAIN BEROK)//P08672
 F-HEMBA1001675//NODULIN 20 PRECURSOR (N-20)//0.98:36:44//GLYCINE MAX (SOYBEAN)//P08960
 F-HEMBA1001678/////ALU SUBFAMILY SX WARNING ENTRY /////8.2e-13:62:64//HOMO SAPIENS (HUMAN)//
 5 P39195
 F-HEMBA1001681//HYPOTHETICAL 41.5 KD PROTEIN IN P6.5-VP48 INTERGENIC REGION (P40) (ORF3)
 (ORF102)//1.0:51:39//ORGYIA PSEUDOTSUGATA MULTICAPSID POLYHEDROSIS VIRUS (OPMNPV)//
 P24653
 F-HEMBA1001702//ATP SYNTHASE A CHAIN (EC 3.6.1.34) (PROTEIN 6)//0.017:54:37//TRYPANOSOMA BRU-
 10 CEI BRUCEI//P24499
 F-HEMBA1001709//HYPOTHETICAL 21.2 KD PROTEIN IN TOR2-MNN4 INTERGENIC REGION//0.59:109:35//
 SACCHAROMYCES CEREVISIAE (BAKER'S YEAST)//P36042
 F-HEMBA1001711
 F-HEMBA1001712//HYPOTHETICAL 6.9 KD PROTEIN IN 100 KD PROTEIN REGION//0.54:44:34//HUMAN AD-
 15 ENOVIRUS TYPE 41//P23690
 F-HEMBA1001714//ATPASE INHIBITOR, MITOCHONDRIAL PRECURSOR//1.2e-19:60:75//RATTUS NOR-
 VEGICUS (RAT)//Q03344
 F-HEMBA1001718//HYPOTHETICAL PROTEIN UL63//1.0:54:37//HUMAN CYTOMEGALOVIRUS (STRAIN
 AD169)//P16820
 20 F-HEMBA1001723//HYPOTHETICAL 34.0 KD TRP-ASP REPEATS CONTAINING PROTEIN IN SIS1-MRPL2
 INTERGENIC REGION//5.1e-26:90:53//SACCHAROMYCES CEREVISIAE (BAKER'S YEAST)//P41318
 F-HEMBA1001731//HYPOTHETICAL 16.6 KD PROTEIN//0.71:49:32//AVIAN INFECTIOUS BURSAL DISEASE
 VIRUS (STRAIN 52/70) (IBDV)//P25221
 F-HEMBA1001734
 25 F-HEMBA1001744//SCY1 PROTEIN//2.1e-11:182:29//SACCHAROMYCES CEREVISIAE (BAKER'S YEAST)//
 P53009
 F-HEMBA1001745//HYPOTHETICAL 11.6 KD PROTEIN IN NUT1-ARO2 INTERGENIC REGION PRECUR-
 SOR//1.0:36:38//SACCHAROMYCES CEREVISIAE (BAKER'S YEAST)//P53116
 F-HEMBA1001746//PROTEIN-EXPORT MEMBRANE PROTEIN SEC6 HOMOLOG//0.94:48:35//MYCOBACTE-
 30 RIUM LEPRAE//P38388
 F-HEMBA1001761
 F-HEMBA1001781//ZINC FINGER PROTEIN 19 (ZINC FINGER PROTEIN KOX12) (FRAGMENT)//0.028:47:40//
 HOMO SAPIENS (HUMAN)//P17023
 F-HEMBA1001784//HYPOTHETICAL 6.1 KD PROTEIN C03B1.10 IN CHROMOSOME X//0.00068:32:46//
 35 CAENORHABDITIS ELEGANS //Q11116
 F-HEMBA1001791//METALLOTHIONEIN (MT)//1.0:34:35//PLEURONECTES PLATESSA (PLAICE)//P07216
 F-HEMBA1001800//ZINC FINGER PROTEIN MFG-1 (ZINC FINGER PROTEIN 58) (FRAGMENT)//1.5e-14:60:
 48//MUS MUSCULUS (MOUSE)//P16372
 F-HEMBA1001803
 40 F-HEMBA1001804//GLYCINE-RICH CELL WALL STRUCTURAL PROTEIN 1 PRECURSOR//9.3e-17:56:57//
 ORYZA SATIVA (RICE)//P25074
 F-HEMBA1001808//PARANEOPLASTIC ENCEPHALOMYELITIS ANTIGEN HUD HOMOLOG (HU-ANTIGEN
 D)//0.75:97:31//RATTUS NORVEGICUS (RAT)//O09032
 F-HEMBA1001809//IMMEDIATE-EARLY PROTEIN IE180//4.5e-11:206:36//PSEUDORABIES VIRUS (STRAIN
 45 INDIANA-FUNKHAUSER / BECKER) (PRV)//P11675
 F-HEMBA1001815//60S RIBOSOMAL PROTEIN L37-B (YL27) (FRAGMENT)//0.34:30:30//SCHIZOSACCHA-
 ROMYCES POMBE (FISSION YEAST)//P05733
 F-HEMBA1001819//ZINC FINGER PROTEIN 135//2.6e-102:262:66//HOMO SAPIENS (HUMAN)//P52742
 F-HEMBA1001820
 50 F-HEMBA1001822//EPIDERMAL GROWTH FACTOR RECEPTOR SUBSTRATE SUBSTRATE 15 (PROTEIN
 EPS15)//1.2e-18:251:33//MUS MUSCULUS (MOUSE)//P42567
 F-HEMBA1001824//KERATIN, ULTRA HIGH-SULFUR MATRIX PROTEIN (UHS KERATIN)//4.7e-11:124:37//
 OVIS ARIES (SHEEP)//P26372
 F-HEMBA1001835
 55 F-HEMBA1001844/////ALU SUBFAMILY SX WARNING ENTRY /////4.3e-14:36:63//HOMO SAPIENS (HUMAN)//
 P39195
 F-HEMBA1001847//ZINC FINGER PROTEIN 29 (ZFP-29)//2.7e-36:135:51//MUS MUSCULUS (MOUSE)//
 Q07230

F-HEMBA1001861
 F-HEMBA1001864//HEAT-STABLE ENTEROTOXIN A3/A4 PRECURSOR (STA3/STA4) (ST-IB) (ST-H)//1.0:31:38//ESCHERICHIA COLI.//P07965
 F-HEMBA1001866//UDP-GLUCOSE:GLYCOPROTEIN GLUCOSYLTRANSFERASE PRECURSOR (EC 2.4.1.-) (DUGT)//9.7e-42:234:41//DROSOPHILA MELANOGASTER (FRUIT FLY)//Q09332
 5 F-HEMBA1001869//HYPOTHETICAL 94.9 KD PROTEIN C22E12.11C IN CHROMOSOME I//5.3e-13:65:47//SCHIZOSACCHAROMYCES POMBE (FISSION YEAST)//Q10362
 F-HEMBA1001888//HYPOTHETICAL 11.4 KD PROTEIN (ORF1)//0.85:62:37//STREPTOMYCES FRADIAE//P26800
 10 F-HEMBA1001896//DIMETHYLGLYCINE DEHYDROGENASE PRECURSOR (EC 1.5.99.2) (ME2GLYDH)//9.8e-20:250:29//RATTUS NORVEGICUS (RAT)//Q63342
 F-HEMBA1001910//EUKARYOTIC TRANSLATION INITIATION FACTOR 4E (EIF-4E) (EIF4E) (MRNA CAP-BINDING PROTEIN) (EIF-4F 25 KD SUBUNIT)//0.94:44:38//CAENORHABDITIS ELEGANS//O61955
 F-HEMBA1001912//!!!! ALU SUBFAMILY J WARNING ENTRY !!!!!//8.7e-07:53:62//HOMO SAPIENS (HUMAN)//P39188
 15 F-HEMBA1001913//GCN20 PROTEIN//1.8e-21:68:60//SACCHAROMYCES CEREVISIAE (BAKER'S YEAST)//P43535
 F-HEMBA1001915//KLEE PROTEIN (KCRB3 PROTEIN)//0.94:64:21//ESCHERICHIA COLI//Q52280
 F-HEMBA1001918
 20 F-HEMBA1001921
 F-HEMBA1001939//CHLOROPLAST 50S RIBOSOMAL PROTEIN L24//1.0:47:31//ODONTELLA SINENSIS//P49560
 F-HEMBA1001940//!!!! ALU SUBFAMILY J WARNING ENTRY !!!!!//0.0017:31:77//HOMO SAPIENS (HUMAN)//P39188
 25 F-HEMBA1001942//HIBERNATION-ASSOCIATED PLASMA PROTEIN HP-27 PRECURSOR (HIBERNATOR-SPECIFIC BLOOD COMPLEX, 27 KD SUBUNIT)//1.0:77:28//TAMIAS ASIATICUS (CHIPMUNK)//Q06577
 F-HEMBA1001945//HYPOTHETICAL 4.6 KD PROTEIN IN GP47-AGT INTERGENIC REGION (ORF E)//1.0:35:37//BACTERIOPHAGE T4//P32269
 F-HEMBA1001950//ATP SYNTHASE PROTEIN 8 (EC 3.6.1.34) (A6L)//0.43:18:44//DROSOPHILA YAKUBA (FRUIT FLY)//P03933
 30 F-HEMBA1001960//HOMEBOX PROTEIN HOX-C5 (HOX-3D) (CP11)//0.17:12:66//HOMO SAPIENS (HUMAN)//Q00444
 F-HEMBA1001962//HYPOTHETICAL 9.0 KD PROTEIN IN ADH4-5' REGION//1.0:30:36//SACCHAROMYCES CEREVISIAE (BAKER'S YEAST)//P53056
 35 F-HEMBA1001964
 F-HEMBA1001967//HYPOTHETICAL PROTEIN UL61//0.027:111:36//HUMAN CYTOMEGALOVIRUS (STRAIN AD169)//P16818
 F-HEMBA1001979
 F-HEMBA1001987//HYPOTHETICAL 11.2 KD PROTEIN (ORF117)//1.0:83:32//ORGYIA PSEUDOTSUGATA
 40 MULTICAPSID POLYHEDROSIS VIRUS (OPMNPV)//O10356
 F-HEMBA1001991//NEUROTOXIN 1 (TOXIN ATX-I)//0.99:31:45//ANEMONIA SULCATA (SNAKE-LOCKS SEA ANEMONE)//P01533
 F-HEMBA1002003//GLYCERALDEHYDE 3-PHOSPHATE DEHYDROGENASE, TESTIS-SPECIFIC (EC 1.2.1.12) (GAPDH)//5.5e-07:109:32//MUS MUSCULUS (MOUSE)//Q64467
 45 F-HEMBA1002008
 F-HEMBA1002018//EC PROTEIN HOMOLOG 2 (FRAGMENT)//0.83:66:33//ARABIDOPSIS THALIANA (MOUSE-EAR CRESS)//Q42377
 F-HEMBA1002022//INSULIN//1.0:59:32//SQUALUS ACANTHIAS (SPINY DOGFISH)//P12704
 F-HEMBA1002035//MONOCYTIC LEUKEMIA ZINC FINGER PROTEIN//8.3e-15:64:40//HOMO SAPIENS (HUMAN)//Q92794
 50 F-HEMBA1002039//HYPOTHETICAL PROLINE-RICH PROTEIN KIAA0269//0.0070:70:40//HOMO SAPIENS (HUMAN)//Q92558
 F-HEMBA1002049//!!!! ALU SUBFAMILY J WARNING ENTRY !!!!!//1.5e-07:37:75//HOMO SAPIENS (HUMAN)//P39188
 55 F-HEMBA1002084
 F-HEMBA1002092//SPT23 PROTEIN//0.12:208:26//SACCHAROMYCES CEREVISIAE (BAKER'S YEAST)//P35210
 F-HEMBA1002100

F-HEMBA1002102//ANKYRIN//1.4e-12:106:35//MUS MUSCULUS (MOUSE)//Q02357
 F-HEMBA1002113//EARLY NODULIN 20 PRECURSOR (N-20)//0.073:155:32//MEDICAGO TRUNCATULA
 (BARREL MEDIC)//P93329
 5 F-HEMBA1002119//MALE SPECIFIC SPERM PROTEIN MST84DB//0.85:22:36//DROSOPHILA MELA-
 NOGASTER (FRUIT FLY)//Q01643
 F-HEMBA1002125//GAG POLYPROTEIN [CONTAINS: CORE PROTEINS P15, P12, P30]//0.35:111:33//FELINE
 SARCOMA VIRUS (STRAIN SNYDER-THEILEN)//P03338
 F-HEMBA1002139//HYPOTHETICAL 12.4 KD PROTEIN IN SEC17-QCR1 INTERGENIC REGION//0.88:72:25//
 10 SACCHAROMYCES CEREVISIAE (BAKER'S YEAST)//P38192
 F-HEMBA1002144
 F-HEMBA1002150//THROMBOMODULIN (FETOMODULIN) (TM) (FRAGMENT)//4.8e-10:65:46//BOS TAURUS
 (BOVINE)//P06579
 F-HEMBA1002151//A-AGGLUTININ ATTACHMENT SUBUNIT PRECURSOR//0.24:146:28//SACCHAROMY-
 CES CEREVISIAE (BAKER'S YEAST)//P32323
 15 F-HEMBA1002153//NADH-UBIQUINONE OXIDOREDUCTASE CHAIN 4L (EC 1.6.5.3)//0.93:58:25//APIS MEL-
 LIFERA (HONEYBEE)//P34859
 F-HEMBA1002160/////ALU SUBFAMILY SP WARNING ENTRY /////5.1e-21:94:65//HOMO SAPIENS (HUMAN)//
 P39193
 F-HEMBA1002161//MYOSIN HEAVY CHAIN, CARDIAC MUSCLE BETA ISOFORM//1.4e-51:180:56//SUS
 20 SCROFA (PIG)//P79293
 F-HEMBA1002162/////ALU SUBFAMILY SP WARNING ENTRY /////4.1e-40:102:75//HOMO SAPIENS (HU-
 MAN)//P39193
 F-HEMBA1002166/////ALU SUBFAMILY J WARNING ENTRY /////1.8e-13:133:45//HOMO SAPIENS (HUMAN)//
 P39188
 25 F-HEMBA1002177//ZINC FINGER PROTEIN 142 (KIAA0236) (HA4654)//0.0014:153:26//HOMO SAPIENS (HU-
 MAN)//P52746
 F-HEMBA1002185
 F-HEMBA1002189/////ALU SUBFAMILY SQ WARNING ENTRY /////0.86:46:45//HOMO SAPIENS (HUMAN)//
 P39194
 30 F-HEMBA1002191//MALE SPECIFIC SPERM PROTEIN, MST84DC//0.037:14:57//DROSOPHILA MELA-
 NOGASTER (FRUIT FLY)//Q01644
 F-HEMBA1002199
 F-HEMBA1002204
 F-HEMBA1002212//DUAL SPECIFICITY MITOGEN-ACTIVATED PROTEIN KINASE
 35 KINASE DSOR1 (EC 2.7.1.-) (DOWNSTREAM OF RAF) (MAPKK)//3.2e-13:201:30//DROSOPHILA MELA-
 NOGASTER (FRUIT FLY)//Q24324
 F-HEMBA1002215//TESTIN 2 (TES2) [CONTAINS: TESTIN 1 (TES1)]//1.1e-62:147:84//MUS MUSCULUS
 (MOUSE)//P47226
 F-HEMBA1002226/////ALU SUBFAMILY J WARNING ENTRY /////1.6e-26:168:44//HOMO SAPIENS (HUMAN)//
 40 P39188
 F-HEMBA1002229/////ALU SUBFAMILY SB1 WARNING ENTRY /////6.8e-18:68:72//HOMO SAPIENS (HU-
 MAN)//P39190
 F-HEMBA1002237//EAMZP30-47 PROTEIN (FRAGMENT)//0.96:21:61//EIMERIA ACERVULINA//P21959
 F-HEMBA1002241//METALLOTHIONEIN (MT)//0.95:25:48//PARACENTROTUS LIVIDUS (COMMON SEA UR-
 45 CHIN)//P80367
 F-HEMBA1002253//METALLOTHIONEIN-II (MT-II)//0.97:27:48//MESOCRICETUS AURATUS (GOLDEN HAM-
 STER)//P17808
 F-HEMBA1002257
 F-HEMBA1002265//MALE SPECIFIC SPERM PROTEIN, MST84DC//0.95:24:50//DROSOPHILA MELA-
 50 NOGASTER (FRUIT FLY)//Q01644
 F-HEMBA1002267//NEURONAL PROTEIN 3.1 (P311 PROTEIN)//0.94:33:33//GALLUS GALLUS (CHICKEN)//
 Q90667
 F-HEMBA1002270
 F-HEMBA1002321//HYPOTHETICAL IMMUNITY REGION PROTEIN 14//0.99:22:40//BACTERIOPHAGE PHI-
 55 105//P10437
 F-HEMBA1002328
 F-HEMBA1002337
 F-HEMBA1002341//P53-BINDING PROTEIN 53BP2 (FRAGMENT)//3.7e-55:109:96//MUS MUSCULUS

EP 1 074 617 A2

(MOUSE)//Q62415
F-HEMBA1002348//PROBABLE E5 PROTEIN//0.43:30:50//HUMAN PAPILLOMAVIRUS TYPE 35//P27226
F-HEMBA1002349
5 F-HEMBA1002363//CHROMOSOME ASSEMBLY PROTEIN XCAP-E//5.7e-105:278:71//XENOPUS LAEVIS (AFRICAN CLAWED FROG)//P50533
F-HEMBA1002381//!!!! ALU SUBFAMILY J WARNING ENTRY !!!!!/3.3e-24:69:73//HOMO SAPIENS (HUMAN)//P39188
F-HEMBA1002389//EARLY NODULIN 20 PRECURSOR (N-20)//0.16:110:31//MEDICAGO TRUNCATULA (BARREL MEDIC)//P93329
10 F-HEMBA1002417//TIGHT JUNCTION PROTEIN ZO-1 (TIGHT JUNCTION PROTEIN 1)//2.6e-51:187:56//MUS MUSCULUS (MOUSE)//P39447
F-HEMBA1002419//PROLINE-RICH PEPTIDE P-B//1.0:18:61//HOMO SAPIENS (HUMAN)//P02814
F-HEMBA1002430//HYPOTHETICAL 12.3 KD PROTEIN IN GAP1-NAP1 INTERGENIC REGION//0.042:41:46//SACCHAROMYCES CEREVISIAE (BAKER'S YEAST)//P36140
15 F-HEMBA1002439//CHLOROPLAST 50S RIBOSOMAL PROTEIN L27 (FRAGMENT)//0.99:47:29//CALYPTROSPHAERA SPHAEROIDEA//P41548
F-HEMBA1002458//OVARIAN GRANULOSA CELL 13.0 KD PROTEIN HGR74//4.1e-24:109:55//HOMO SAPIENS (HUMAN)//Q00994
F-HEMBA1002460
20 F-HEMBA1002462//SALIVARY PROLINE-RICH PROTEIN II-1 (FRAGMENT)//0.00025:80:30//HOMO SAPIENS (HUMAN)//P81489
F-HEMBA1002469//PUTATIVE TUMOR SUPPRESSOR LUCA15//0.0012:110:33//HOMO SAPIENS (HUMAN)//P52756
F-HEMBA1002475//PROLINE-RICH PROTEIN MP-3 (FRAGMENT)//0.37:106:33//MUS MUSCULUS (MOUSE)//P05143
25 F-HEMBA1002477//!!!! ALU SUBFAMILY SQ WARNING ENTRY !!!!!/3.3e-34:96:71//HOMO SAPIENS (HUMAN)//P39194
F-HEMBA1002486
F-HEMBA1002495//LIGHT-MEDIATED DEVELOPMENT PROTEIN DET1//2.9e-31:110:39//ARABIDOPSIS THALIANA (MOUSE-EAR CRESS)//P48732
30 F-HEMBA1002498//SFT2 PROTEIN//1.0:54:35//SACCHAROMYCES CEREVISIAE (BAKER'S YEAST)//P38166
F-HEMBA1002503//!!!! ALU SUBFAMILY J WARNING ENTRY !!!!!/3.0e-06:49:63//HOMO SAPIENS (HUMAN)//P39188
35 F-HEMBA1002508//!!!! ALU SUBFAMILY SX WARNING ENTRY !!!!!/1.6e-22:169:44//HOMO SAPIENS (HUMAN)//P39195
F-HEMBA1002513//HYPOTHETICAL 89.8 KD PROTEIN F41H10.6 IN CHROMOSOME IV//0.00017:79:35//CAENORHABDITIS ELEGANS//Q20296
F-HEMBA1002515
40 F-HEMBA1002538//ATP SYNTHASE E CHAIN, MITOCHONDRIAL (EC 3.6.1.34)//1.0:53:37//SACCHAROMYCES CEREVISIAE (BAKER'S YEAST)//P81449
F-HEMBA1002542//!!!! ALU SUBFAMILY J WARNING ENTRY !!!!!/5.7e-32:96:75//HOMO SAPIENS (HUMAN)//P39188
F-HEMBA1002547//AGRIN PRECURSOR//2.5e-100:218:80//RATTUS NORVEGICUS (RAT)//P25304
45 F-HEMBA1002552//HEP27 PROTEIN (PROTEIN D)//9.5e-12:29:82//HOMO SAPIENS (HUMAN)//Q13268
F-HEMBA1002555//COLLAGEN ALPHA 1(III) CHAIN//2.4e-15:207:36//BOS TAURUS (BOVINE)//P04258
F-HEMBA1002558//!!!! ALU SUBFAMILY SP WARNING ENTRY !!!!!/1.0:34:50//HOMO SAPIENS (HUMAN)//P39193
F-HEMBA1002561//LINE-1 REVERSE TRANSCRIPTASE HOMOLOG//1.5e-05:49:46//NYCTICEBUS COUCANG (SLOW LORIS)//P08548
50 F-HEMBA1002569//SINGLE-STRANDED DNA-BINDING PROTEIN P12//0.97:60:33//BACTERIOPHAGE PRD1//P17637
F-HEMBA1002583
F-HEMBA1002590//!!!! ALU SUBFAMILY J WARNING ENTRY !!!!!/5.6e-15:54:55//HOMO SAPIENS (HUMAN)//P39188
55 F-HEMBA1002592//HISTIDINE-RICH PROTEIN//0.99:39:28//PLASMODIUM FALCIPARUM (ISOLATE FCM17 / SENEGAL)//P14586
F-HEMBA1002609//SSM4 PROTEIN//1.9e-12:135:29//SACCHAROMYCES CEREVISIAE (BAKER'S YEAST)//

P40318

F-HEMBA1002621//CYTOCHROME B6-F COMPLEX 3.5 KD SUBUNIT (CYTOCHROME B6-F COMPLEX SUB-UNIT 6)//1.0:20:55//ZEA MAYS (MAIZE)//P19445

F-HEMBA1002624//EXTENSIN PRECURSOR (CELL WALL HYDROXYPROLINE-RICH GLYCOPROTEIN)//0.0035:124:33//NICOTIANA TABACUM (COMMON TOBACCO)//P13983

F-HEMBA1002628

F-HEMBA1002629//IMMEDIATE-EARLY PROTEIN IE180//0.84:80:36//PSEUDORABIES VIRUS (STRAIN KAP-LAN) (PRV)//P33479

F-HEMBA1002645/////ALU SUBFAMILY SP WARNING ENTRY /////1.8e-16:57:68//HOMO SAPIENS (HUMAN)//P39193

F-HEMBA1002651

F-HEMBA1002659//CUTICLE COLLAGEN 2//0.0077:77:38//CAENORHABDITIS ELEGANS//P17656

F-HEMBA1002661//LINE-1 REVERSE TRANSCRIPTASE HOMOLOG//2.3e-89:116:72//HOMO SAPIENS (HUMAN)//P08547

F-HEMBA1002666//BETA CRYSTALLIN A4//0.18:58:44//GALLUS GALLUS (CHICKEN)//P49152

F-HEMBA1002678

F-HEMBA1002679//GLUTAMIC ACID-RICH PROTEIN PRECURSOR//5.7e-06:219:27//PLASMODIUM FALCI-PARUM (ISOLATE FC27 / PAPUA NEW GUINEA)//P13816

F-HEMBA1002688//SPIROIN 2 (DRAGLINE SILK FIBROIN 2) (FRAGMENT)//1.1e-07:198:32//NEPHILA CLA-VIPES (ORB SPIDER)//P46804

F-HEMBA1002696//COLLAGEN ALPHA 1(VII) CHAIN PRECURSOR (LONG-CHAIN COLLAGEN) (LC COLLA-GEN)//0.16:158:33//HOMO SAPIENS (HUMAN)//Q02388

F-HEMBA1002703//HYPOTHETICAL BHLF1 PROTEIN//0.78:147:29//EPSTEIN-BARR VIRUS (STRAIN B95-8) (HUMAN HERPESVIRUS 4)//P03181

F-HEMBA1002712//11.2 KD PROTEIN (ORF 103)//0.029:75:34//BACTERIOPHAGE PF1//P25133

F-HEMBA1002716//50S RIBOSOMAL PROTEIN L28//1.0:44:27//BACILLUS SUBTILIS//P37807

F-HEMBA1002728/////ALU SUBFAMILY SX WARNING ENTRY /////5.4e-18:56:75//HOMO SAPIENS (HUMAN)//P39195

F-HEMBA1002730//HYPOTHETICAL PROTEIN MJ0316//0.097:84:35//METHANOCOCCUS JANNASCHII//Q57764

F-HEMBA1002742//APOLIPOPROTEIN C-III PRECURSOR (APO-CIII)//0.97:26:50//SUS SCROFA (PIG)//P27917

F-HEMBA1002746//CALPHOTIN//0.35:65:35//DROSOPHILA MELANOGASTER (FRUIT FLY)//Q02910

F-HEMBA1002748//PLATELET GLYCOPROTEIN IB BETA CHAIN PRECURSOR (GP-IB BETA) (GPIIB)//1.0:74:32//MUS MUSCULUS (MOUSE)//P56400

F-HEMBA1002750/////ALU SUBFAMILY J WARNING ENTRY /////7.0e-15:49:75//HOMO SAPIENS (HUMAN)//P39188

F-HEMBA1002768//HYPOTHETICAL 72.2 KD PROTEIN C12C2.05C IN CHROMOSOME II//0.00036:197:26//SCHIZOSACCHAROMYCES POMBE (FISSION YEAST)//Q09746

F-HEMBA1002770//UTEROGLOBIN PRECURSOR (BLASTOKININ)//023:88:27//ORYCTOLAGUS CUNICU-LUS (RABBIT)//P02779

F-HEMBA1002777//HOMEBOX PROTEIN HOX-A4 (HOX-1.4) (MH-3)//0.00018:67:43//MUS MUSCULUS (MOUSE)//P06798

F-HEMBA1002779//HYPOTHETICAL 17.6 KD PROTEIN IN NPR1-RPS3 INTERGENIC REGION//0.70:30:53//SACCHAROMYCES CEREVISIAE (BAKER'S YEAST)//P53880

F-HEMBA1002780//OLFACTORY RECEPTOR 3 (K10) (FRAGMENT)//1.0:31:45//MUS MUSCULUS (MOUSE)//Q60879

F-HEMBA1002794//HMG-Y RELATED PROTEIN B (SB16B' PROTEIN) (FRAGMENT)//0.0044:66:37//GLYCINE MAX (SOYBEAN)//Q10370

F-HEMBA1002801

F-HEMBA1002810//HYPOTHETICAL 25.9 KD PROTEIN AH6.3 IN CHROMOSOME II//0.0033:116:31//CAENORHABDITIS ELEGANS//Q09202

F-HEMBA1002816//HYPOTHETICAL 47.1 KD PROTEIN C9G1.13C IN CHROMOSOME I//1.0e-17:68:48//SCHIZOSACCHAROMYCES POMBE (FISSION YEAST)//O14308

F-HEMBA1002818//FIBULIN-2 PRECURSOR//2.1e-27:92:44//MUS MUSCULUS (MOUSE)//P37889

F-HEMBA1002826//DNA-BINDING PROTEIN 65 (PROTEIN GP65)//0.28:46:34//BACTERIOPHAGE T4//P16012

F-HEMBA1002833

F-HEMBA1002850//ATP SYNTHASE PROTEIN 8 (EC 3.6.1.34) (A6L)//1.0:27:37//METRIDIDIUM SENILE
 (BROWN SEA ANEMONE) (FRILLED SEA ANEMONE)//O47493
 F-HEMBA1002863//PHOTOSYSTEM I REACTION CENTRE SUBUNIT IV (PHOTOSYSTEM I 8.1 KD PROTEIN)
 (P30 PROTEIN) (PSI-E)//0.84:37:43//SYNECHOCYSTIS SP. (STRAIN PCC 6803)//P12975
 5 F-HEMBA1002876//OCTAPEPTIDE-REPEAT PROTEIN T2//0.74:58:34//MUS MUSCULUS (MOUSE)//Q06666
 F-HEMBA1002886
 F-HEMBA1002896//HOMEBOX PROTEIN HOX-B3 (HOX-2G) (HOX-2.7)//4.7e-05:84:35//HOMO SAPIENS
 (HUMAN)//P14651
 F-HEMBA1002921//TAT PROTEIN (TRANSACTIVATING REGULATORY PROTEIN)//0.21:42:42//HUMAN IMU-
 10 NODEFICIENCY VIRUS TYPE 1 (RF/HAT ISOLATE) (HIV-1)//P05908
 F-HEMBA1002924//EC PROTEIN HOMOLOG 2 (FRAGMENT)//0.85:75:22//ARABIDOPSIS THALIANA
 (MOUSE-EAR CRESS)//Q42377
 F-HEMBA1002934//!!!! ALU SUBFAMILY J WARNING ENTRY !!!!!/3.4e-31:92:72//HOMO SAPIENS (HUMAN)//
 P39188
 15 F-HEMBA1002935//GASTRULA ZINC FINGER PROTEIN XLG58.1 (FRAGMENT)//7.7e-06:187:29//XENO-
 PUS LAEVIS (AFRICAN CLAWED FROG)//P18730
 F-HEMBA1002937//SUPPRESSOR PROTEIN SRP40//0.00031:150:24//SACCHAROMYCES CEREVISIAE
 (BAKER'S YEAST)//P32583
 F-HEMBA1002939//ANKYRIN R (ANKYRINS 2.1 AND 2.2) (ERYTHROCYTE ANKYRIN)//5.2e-25:225:33//HO-
 20 MO SAPIENS (HUMAN)//P16157
 F-HEMBA1002944
 F-HEMBA1002951//TRICHOHYALIN//0.0011:220:24//HOMO SAPIENS (HUMAN)//Q07283
 F-HEMBA1002954//PROBABLE E8 PROTEIN//0.98:49:32//BOVINE PAPILLOMAVIRUS TYPE 4//P08352
 F-HEMBA1002968//ACCESSORY GLAND PEPTIDE PRECURSOR (PARAGONIAL PEPTIDE B)//0.93:41:34//
 25 DROSOPHILA SECHELLIA (FRUIT FLY)//O18417
 F-HEMBA1002970//!!!! ALU SUBFAMILY SP WARNING ENTRY !!!!!/0.00010:35:62//HOMO SAPIENS (HU-
 MAN)//P39193
 F-HEMBA1002971//INSULIN//1.0:31:35//HYDROLAGUS COLLEI (SPOTTED RATFISH) (PACIFIC RATFISH),
 AND CHIMAERA MONSTROSA (RABBIT FISH)//P09536 F-HEMBA1002973//CAMP-DEPENDENT 3',5'-CY-
 30 CLIC PHOSPHODIESTERASE 4B (EC 3.1.4.17) (DPDE4)//3.0e-29:63:100//RATTUS NORVEGICUS (RAT)//
 P14646
 F-HEMBA1002997//HYPOTHETICAL 106.5 KD PROTEIN IN CTT1-PRP31 INTERGENIC REGION//1.0e-08:
 211:28//SACCHAROMYCES CEREVISIAE (BAKER'S YEAST)//P53253
 F-HEMBA1002999//SUPPRESSOR PROTEIN SRP40//0.026:175:23//SACCHAROMYCES CEREVISIAE (BAK-
 35 ER'S YEAST)//P32583
 F-HEMBA1003021//!!!! ALU SUBFAMILY SQ WARNING ENTRY !!!!!/1.3e-36:102:70//HOMO SAPIENS (HU-
 MAN)//P39194
 F-HEMBA1003033//HYPOTHETICAL 23.1 KD PROTEIN CY277.20C//0.029:75:29//MYCOBACTERIUM TU-
 BERCULOSIS//P71779
 40 F-HEMBA1003034//!!!! ALU SUBFAMILY SC WARNING ENTRY !!!!!/6.3e-23:144:46//HOMO SAPIENS (HU-
 MAN)//P39192
 F-HEMBA1003035//HYPOTHETICAL 13.3 KD PROTEIN IN AROD-COMER INTERGENIC REGION//0.99:55:
 30//BACILLUS SUBTILIS//P54457
 F-HEMBA1003037//DNA-BINDING PROTEIN INHIBITOR JD-4//0.17:42:40//HOMO SAPIENS (HUMAN)//
 45 P47928
 F-HEMBA1003041//DNA-BINDING P52/P100 COMPLEX, 100 KD SUBUNIT (FRAGMENTS)//0.69:28:46//HO-
 MO SAPIENS (HUMAN)//P30808
 F-HEMBA1003046//MITOCHONDRIAL PROCESSING PROTEASE BETA SUBUNIT PRECURSOR (EC
 3.4.24.64) (BETA-MPP) (P-52)//7.9e-124:253:96//HOMO SAPIENS (HUMAN)//O75439
 50 F-HEMBA1003064//NADH-UBIQUINONE OXIDOREDUCTASE CHAIN 5 (EC 1.6.5.3)//0.25:263:22//TRYPA-
 NOSTOMA BRUCEI BRUCEI//P04540
 F-HEMBA1003067//HYPOTHETICAL 57.5 KD PROTEIN IN VMA7-RPS25A INTERGENIC REGION//4.1e-05:
 189:30//SACCHAROMYCES CEREVISIAE (BAKER'S YEAST)//P53214
 F-HEMBA1003071//CUTICLE COLLAGEN 40//6.0e-07:126:38//CAENORHABDITIS ELEGANS//P34804
 55 F-HEMBA1003077//FIBROMODULIN PRECURSOR (FM) (COLLAGEN-BINDING 59 KD PROTEIN)//2.4e-12:
 139:34//HOMO SAPIENS (HUMAN)//Q06828
 F-HEMBA1003078//RETROVIRUS-RELATED POLYPROTEIN [CONTAINS: REVERSE TRANSCRIPTASE
 (EC 2.7.7.49); ENDONUCLEASE]/7.2e-05:60:40//MUS MUSCULUS (MOUSE)//P11369

F-HEMBA1003079//PROTEIN Q300//0.0012:16:87//MUS MUSCULUS (MOUSE)//Q02722
 F-HEMBA1003083//!!!! ALU SUBFAMILY SB WARNING ENTRY!!!!//3.3e-32:95:75//HOMO SAPIENS (HUMAN)//
 P39189
 F-HEMBA1003086
 5 F-HEMBA1003096//PROTAMINE IA (IRIDINE IA)//0.36:20:40//SALMO IRIDEUS (RAINBOW TROUT)//P02328
 F-HEMBA1003098//!!!! ALU SUBFAMILY J WARNING ENTRY!!!!//4.4e-09:43:72//HOMO SAPIENS (HUMAN)//
 P39188
 F-HEMBA1003117//PUTATIVE CUTICLE COLLAGEN C09G5.5//1.0:88:38//CAENORHABDITIS ELEGANS//
 Q09456
 10 F-HEMBA1003129//NADH-UBIQUINONE OXIDOREDUCTASE CHAIN 4L (EC 1.6.5.3)//0.61:63:25//APIS MEL-
 LIFERA (HONEYBEE)//P34859
 F-HEMBA1003133//COLLAGEN ALPHA 2(VIII) CHAIN (ENDOTHELIAL COLLAGEN) (FRAGMENT)//0.48:79:
 37//HOMO SAPIENS (HUMAN)//P25067
 F-HEMBA1003136//MANNOSE-1-PHOSPHATE GUANYLTRANSFERASE (EC 2.7.7.13) (ATP-MANNOSE-1-
 15 PHOSPHATE GUANYLYLTRANSFERASE) (NDP-HEXOSE PYROPHOSPHORYLASE)//3.6e-25:190:34//SAC-
 CHAROMYCES CEREVISIAE (BAKER'S YEAST)//P41940
 F-HEMBA1003142
 F-HEMBA1003148//HYPOTHETICAL 56.4 KD PROTEIN IN RPL30-CWH41 INTERGENIC REGION PRECUR-
 SOR//0.068:171:23//SACCHAROMYCES CEREVISIAE (BAKER'S YEAST)//P53189
 20 F-HEMBA1003166//!!!! ALU SUBFAMILY SC WARNING ENTRY!!!!//1.8e-13:54:66//HOMO SAPIENS (HUMAN)//
 P39192
 F-HEMBA1003175//HYPOTHETICAL 57.5 KD PROTEIN IN VMA7-RPS25A INTERGENIC REGION//0.015:147:
 31//SACCHAROMYCES CEREVISIAE (BAKER'S YEAST)//P53214
 F-HEMBA1003179//PROBABLE TRNA (5-METHYLAMINOMETHYL-2-THIOURIDYLATE)-METHYLTRANS-
 25 FERASE (EC 2.1.1.61)//2.6e-51:164:47//BACILLUS SUBTILIS//Q35020
 F-HEMBA1003197
 F-HEMBA1003199//HOMEBOX PROTEIN HOX-A4 (HOX-1D) (HOX-1.4)//0.00049:83:38//HOMO SAPIENS
 (HUMAN)//Q00056
 F-HEMBA1003202//SPERM PROTAMINE P1//0.98:53:28//PLANIGALE GILES (FLAT-SKULLED MARSUPIAL
 30 MOUSE)//O18747
 F-HEMBA1003204//!!!! ALU SUBFAMILY SQ WARNING ENTRY!!!!//5.2e-22:42:80//HOMO SAPIENS (HU-
 MAN)//P39194
 F-HEMBA1003212//!!!! ALU SUBFAMILY SP WARNING ENTRY!!!!//1.6e-18:74:71//HOMO SAPIENS (HUMAN)//
 P39193
 35 F-HEMBA1003220//!!!! ALU SUBFAMILY SQ WARNING ENTRY!!!!//3.3e-18:56:78//HOMO SAPIENS (HU-
 MAN)//P39194
 F-HEMBA1003222//HYPOTHETICAL 37.5 KD PROTEIN IN GNTR-HTPG INTERGENIC REGION//0.0018:159:
 27//BACILLUS SUBTILIS//P46327
 F-HEMBA1003229//DIHYDRODIPICOLINATE SYNTHASE 1 PRECURSOR (EC 4.2.1.52) (DHDPS)//1.0:85:28//
 40 TRITICUM AESTIVUM (WHEAT)//P24846
 F-HEMBA1003235//TROPOMYOSIN//8.3e-07:109:33//SCHIZOSACCHAROMYCES POMBE (FISSION
 YEAST)//Q02088
 F-HEMBA1003250
 F-HEMBA1003257//HYPOTHETICAL PROLINE-RICH PROTEIN (FRAGMENT)//1.5e-07:27:74//OWENIA FUSI-
 45 FORMIS//P21260
 F-HEMBA1003273
 F-HEMBA1003276
 F-HEMBA1003278
 F-HEMBA1003281//HOMEBOX PROTEIN HOX-A4 (CHOX-1.4)//0.0053:116:36//GALLUS GALLUS (CHICK-
 50 EN)//P17277
 F-HEMBA1003286//DNA-DIRECTED RNA POLYMERASE SUBUNIT N (EC 2.7.7.6)//0.96:37:35//SULFOLOBUS
 ACIDOCALDARIUS//P39472
 F-HEMBA1003291//5'-AMP-ACTIVATED PROTEIN KINASE, CATALYTIC ALPHA-2 CHAIN (EC 2.7.1.-) (AMPK
 ALPHA-2 CHAIN) (FRAGMENT)//3.3e-15:68:39//SUS SCROFA (PIG)//Q28948
 55 F-HEMBA1003296//PULMONARY SURFACTANT-ASSOCIATED PROTEIN B (SP-B) (6 KD PROTEIN) (PULMO-
 NARY SURFACTANT-ASSOCIATED PROTEOLIPID SPL(PHE))//0.98:49:28//BOS TAURUS (BOVINE)//P15781
 F-HEMBA1003304//MITOCHONDRIAL RIBOSOMAL PROTEIN S19//0.99:36:30//PROTOTHECA WICKER-
 HAMII//P46750

EP 1 074 617 A2.

F-HEMBA1003309//HYPOTHETICAL 7.9 KD PROTEIN//0.69:54:37//VACCINIA VIRUS (STRAIN WR), AND VACCINIA VIRUS (STRAIN COPENHAGEN)//P04306
F-HEMBA1003314//MIXED LINEAGE KINASE 2 (EC 2.7.1.-) (FRAGMENT)//2.3e-06:143:22//HOMO SAPIENS (HUMAN)//Q02779
5 F-HEMBA1003322//!!!! ALU SUBFAMILY SQ WARNING ENTRY !!!!!/1.5e-30:53:77//HOMO SAPIENS (HUMAN)//P39194
F-HEMBA1003327
F-HEMBA1003328//TAT PROTEIN (TRANSACTIVATING REGULATORY PROTEIN) (FRAGMENT)//0.53:21:42//HUMAN IMMUNODEFICIENCY VIRUS TYPE 1 (BH5 ISOLATE) (HIV-1)//P04612
10 F-HEMBA1003330//LONG NEUROTOXIN 3 (TOXIN VN2)//1.0:26:34//DENDROASPIS POLYLEPIS POLYLEPIS (BLACK MAMBA)//P25667
F-HEMBA1003348//!!!! ALU SUBFAMILY SQ WARNING ENTRY !!!!!/6.5e-09:56:66//HOMO SAPIENS (HUMAN)//P39194
F-HEMBA1003369//ANTER-SPECIFIC PROLINE-RICH PROTEIN APG PRECURSOR//0.0042:97:36//ARABIDOPSIS THALIANA (MOUSE-EAR CRESS)//P40602
15 F-HEMBA1003370//!!!! ALU SUBFAMILY J WARNING ENTRY !!!!!/7.0e-18:99:53//HOMO SAPIENS (HUMAN)//P39188
F-HEMBA1003373
F-HEMBA1003376//!!!! ALU SUBFAMILY SB WARNING ENTRY !!!!!/4.7e-16:60:75//HOMO SAPIENS (HUMAN)//P39189
20 F-HEMBA1003380//!!!! ALU SUBFAMILY J WARNING ENTRY !!!!!/2.8e-10:50:68//HOMO SAPIENS (HUMAN)//P39188
F-HEMBA1003384
F-HEMBA1003395//PROBABLE E5 PROTEIN//0.62:64:29//HUMAN PAPILLOMAVIRUS TYPE 16//P06927
25 F-HEMBA1003402//HYPOTHETICAL 12.0 KD PROTEIN IN TUB1-CPR3 INTERGENIC REGION PRECURSOR//0.89:74:33//SACCHAROMYCES CEREVISIAE (BAKER'S YEAST)//Q04521
F-HEMBA1003403//ACIDIC PROLINE-RICH PROTEIN PRECURSOR (CLONE PRP25) (FRAGMENT)//0.0010:69:33//RATTUS NORVEGICUS (RAT)//P10164
30 F-HEMBA1003408//WEB1 PROTEIN (PROTEIN TRANSPORT PROTEIN SEC31)//4.8e-06:93:25//SACCHAROMYCES CEREVISIAE (BAKER'S YEAST)//P38968
F-HEMBA1003417//PROCOLLAGEN ALPHA 1(II) CHAIN PRECURSOR [CONTAINS: CHONDROCALCIN]//0.0021:140:34//MUS MUSCULUS (MOUSE)//P28481
F-HEMBA1003418//SPLICING FACTOR, ARGININE/SERINE-RICH 4 (PRE-MRNA SPLICING FACTOR SRP75)//1.7e-14:188:33//HOMO SAPIENS (HUMAN)//Q08170
35 F-HEMBA1003433//DNA REPAIR PROTEIN XRS2//1.0:88:35//SACCHAROMYCES CEREVISIAE (BAKER'S YEAST)//P33301
F-HEMBA1003447//ACIDIC PROLINE-RICH PROTEIN PRECURSOR (CLONE PRP25) (FRAGMENT)//0.0061:69:33//RATTUS NORVEGICUS (RAT)//P10164
40 F-HEMBA1003461//SPIDROIN 1 (DRAGLINE SILK FIBROIN 1) (FRAGMENT)//2.3e-09:239:33//NEPHILA CLAVIPES (ORB SPIDER)//P19837
F-HEMBA1003463//METALLOTHIONEIN-A (MTA) (FRAGMENT)//1.0:40:35//SPHAERECHINUS GRANULARIS (PURPLE SEA URCHIN)//Q26497
F-HEMBA1003480//FUSARIC ACID RESISTANCE PROTEIN FUSB//0.0043:96:32//BURKHOLDERIA CEPACIA (PSEUDOMONAS CEPACIA)//P24127
45 F-HEMBA1003528//36.4 KD PROLINE-RICH PROTEIN//6.4e-15:167:33//LYCOPERSICON ESCULENTUM (TOMATO)//Q00451
F-HEMBA1003531//!!!! ALU SUBFAMILY SB WARNING ENTRY !!!!!/1.2e-18:56:78//HOMO SAPIENS (HUMAN)//P39189
50 F-HEMBA1003538//COMPLEMENT C1R COMPONENT PRECURSOR (EC 3.4.21.41)//2.5e-28:136:47//HOMO SAPIENS (HUMAN)//P00736
F-HEMBA1003545//INSULIN GENE ENHANCER PROTEIN ISL-2 (ISLET-2)//9.2e-105:217:85//RATTUS NORVEGICUS (RAT)//P50480
F-HEMBA1003548
55 F-HEMBA1003555//HYPOTHETICAL 31.9 KD PROTEIN IN BET1-PAN1 INTERGENIC REGION//8.7e-57:180:55//SACCHAROMYCES CEREVISIAE (BAKER'S YEAST)//P40558
F-HEMBA1003556//HYPOTHETICAL 19.2 KD PROTEIN IN COX-RER INTERGENIC REGION (ORF5) (ORF21)//0.53:97:25//BACTERIOPHAGE HP1//P51706
F-HEMBA1003560//GUANINE NUCLEOTIDE-BINDING PROTEIN G(I)/G(S)/G(O) GAMMA-2 SUBUNIT (G GAM-

MA-I)//1.8e-32:71:100//BOS TAURUS (BOVINE)//P16874
 F-HEMBA1003568//ZINC-FINGER PROTEIN RFP (RET FINGER PROTEIN)//4.1e-19:126:31//HOMO SAPIENS (HUMAN)//P14373
 5 F-HEMBA1003569//METASTASIS-ASSOCIATED PROTEIN MTA1//3.9e-83:143:74//HOMO SAPIENS (HUMAN)//Q13330
 F-HEMBA1003571//HYPOTHETICAL 8.7 KD PROTEIN (READING FRAME D)//1.0:64:25//STAPHYLOCOCCUS AUREUS//P03860
 F-HEMBA1003579//CYTOTOXIN 1 (CYTOTOXIN V-II-1) (TOXIN V(II)1)//1.0:41:29//NAJA MELANOLEUCA (FOREST COBRA) (BLACK-LIPPED COBRA)//P01448
 10 F-HEMBA1003581//TALIN//3.7e-36:52:98//MUS MUSCULUS (MOUSE)//P26039
 F-HEMBA1003591//CHLOROPLAST 28 KD RIBONUCLEOPROTEIN PRECURSOR (28RNP)//1.6e-05:91:31//NICOTIANA SYLVESTRIS (WOOD TOBACCO)//P19682
 F-HEMBA1003595//HYPOTHETICAL 12.0 KD PROTEIN IN DST1-HEM2 INTERGENIC REGION//1.0:55:32//SACCHAROMYCES CEREVISIAE (BAKER'S YEAST)//P53182
 15 F-HEMBA1003597
 F-HEMBA1003598//T-CELL RECEPTOR BETA CHAIN PRECURSOR (ANA 11)//4.9e-10:85:41//ORYCTOLAGUS CUNICULUS (RABBIT)//P06333
 F-HEMBA1003615//PUTATIVE MINOR COAT PROTEIN (ORF43)//0.086:10:70//BACTERIOPHAGE PHI-LF//Q07482
 20 F-HEMBA1003617//HYPOTHETICAL 36.8 KD PROTEIN C26A3.16 IN CHROMOSOME I//4.4e-13:58:48//SCHIZOSACCHAROMYCES POMBE (FISSION YEAST)//Q10169
 F-HEMBA1003621//LONG NEUROTOXIN 1 (NEUROTOXIN A)//0.096:40:37//OPHIOPHAGUS HANNAH (KING COBRA) (NAJA HANNAH)//P01387
 F-HEMBA1003622
 25 F-HEMBA1003630
 F-HEMBA1003637//!!!! ALU SUBFAMILY J WARNING ENTRY!!!!//2.4e-13:47:74//HOMO SAPIENS (HUMAN)//P39188
 F-HEMBA1003640//!!!! ALU SUBFAMILY SP WARNING ENTRY!!!!//0.87:25:64//HOMO SAPIENS (HUMAN)//P39193
 30 F-HEMBA1003645//HYPOTHETICAL 40.4 KD TRP-ASP REPEATS CONTAINING PROTEIN C14B1.4 IN CHROMOSOME III//1.8e-10:157:26//CAENORHABDITIS ELEGANS//Q17963
 F-HEMBA1003646//SERINE-ARGININE PROTEIN 55 (SRP55) (ENHANCER OF DEFORMED) (52-KD BRACKETING PROTEIN) (B52 PROTEIN)//4.9e-05:207:27//DROSOPHILA MELANOGASTER (FRUIT FLY)//P26686
 F-HEMBA1003656
 35 F-HEMBA1003662//PROLINE-RICH PEPTIDE P-B//0.57:17:52//HOMO SAPIENS (HUMAN)//P02814
 F-HEMBA1003667//!!!! ALU SUBFAMILY SQ WARNING ENTRY!!!!//6.0e-16:43:72//HOMO SAPIENS (HUMAN)//P39194
 F-HEMBA1003679
 F-HEMBA1003680//PUTATIVE AMINOPEPTIDASE ZK353.6 IN CHROMOSOME III (EC 3.4.11.-)//3.9e-08:137:27//CAENORHABDITIS ELEGANS//P34629
 40 F-HEMBA1003684//ZINC FINGER PROTEIN 151 (POLYOMAVIRUS LATE INITIATOR PROMOTER BINDING PROTEIN) (LP-1) (ZINC FINGER PROTEIN Z13)//2.1e-20:127:40//MUS MUSCULUS (MOUSE)//Q60821
 F-HEMBA1003690//HYPOTHETICAL PROTEIN KIAA0288 (HA6116)//3.0e-85:201:78//HOMO SAPIENS (HUMAN)//P56524
 45 F-HEMBA1003692//CELL DIVISION CONTROL PROTEIN 1//0.13:69:30//SACCHAROMYCES CEREVISIAE (BAKER'S YEAST)//P40986
 F-HEMBA1003711//CARCINOEMBRYONIC ANTIGEN PRECURSOR (CEA) (MECONIUM ANTIGEN 100) (CD66E ANTIGEN)//0.021:153:26//HOMO SAPIENS (HUMAN)//P06731
 F-HEMBA1003714//ABAECIN//0.99:34:32//BOMBUS PASCUORUM//P81463
 50 F-HEMBA1003715
 F-HEMBA1003720//LINE-1 REVERSE TRANSCRIPTASE HOMOLOG//5.4e-34:155:56//HOMO SAPIENS (HUMAN)//P08547
 F-HEMBA1003725//LINE-1 REVERSE TRANSCRIPTASE HOMOLOG//1.3e-27:181:41//HOMO SAPIENS (HUMAN)//P08547
 55 F-HEMBA1003729//PTB-ASSOCIATED SPLICING FACTOR (PSF)//0.0037:103:33//HOMO SAPIENS (HUMAN)//P23246
 F-HEMBA1003733//LINE-1 REVERSE TRANSCRIPTASE HOMOLOG//5.0e-54:210:58//HOMO SAPIENS (HUMAN)//P08547

F-HEMBA1003742//MALE SPECIFIC SPERM PROTEIN MST84DB//0.066:72:33//DROSOPHILA MELANOGASTER (FRUIT FLY)//Q01643
 F-HEMBA1003758
 5 F-HEMBA1003760//HYPOXIA-INDUCIBLE FACTOR 1 ALPHA (HIF-1 ALPHA) (ARNT INTERACTING PROTEIN)//1.5e-51:220:52//MUS MUSCULUS (MOUSE)//Q61221
 F-HEMBA1003773
 F-HEMBA1003783
 F-HEMBA1003784
 10 F-HEMBA1003799//SHORT NEUROTOXIN 1 (TOXIN AA, C)//0.95:27:37//ACANTHOPHIS ANTARCTICUS (COMMON DEATH ADDER)//P01434
 F-HEMBA1003803//GAG POLYPROTEIN [CONTAINS: CORE PROTEINS P15, P12, P30]//0.46:96:34//FELINE SARCOMA VIRUS (STRAIN SNYDER-THEILEN)//P03338
 F-HEMBA1003804//DNA-BINDING P52/P100 COMPLEX, 100 KD SUBUNIT (FRAGMENTS)//0.019:30:50//HOMO SAPIENS (HUMAN)//P30808
 15 F-HEMBA1003805//HYPOTHETICAL 75.0 KD PROTEIN B0280.11 IN CHROMOSOME III//1.8e-20:109:47//CAENORHABDITIS ELEGANS//P42083
 F-HEMBA1003807
 F-HEMBA1003827//HYPOTHETICAL PROLINE-RICH PROTEIN (FRAGMENT)//2.1e-09:23:78//OWENIA FUSIFORMIS//P21260
 20 F-HEMBA1003836//MOB1 PROTEIN (MPS1 BINDER 1)//2.0e-31:134:52//SACCHAROMYCES CEREVISIAE (BAKER'S YEAST)//P40484
 F-HEMBA1003838//!!!! ALU SUBFAMILY SC WARNING ENTRY !!!!//3.9e-22:39:76//HOMO SAPIENS (HUMAN)//P39192
 F-HEMBA1003856
 25 F-HEMBA1003864//HYPOTHETICAL 39.4 KD PROTEIN IN MET1-SIS2 INTERGENIC REGION//1.5e-15:194:30//SACCHAROMYCES CEREVISIAE (BAKER'S YEAST)//P36151
 F-HEMBA1003866//PROTEIN A39//0.0027:72:33//VACCINIA VIRUS (STRAIN COPENHAGEN)//P21062
 F-HEMBA1003879//80 KD NUCLEAR CAP BINDING PROTEIN (NCBP 80 KD SUBUNIT) (CBP80)//2.9e-16:22:100//HOMO SAPIENS (HUMAN)//Q09161
 30 F-HEMBA1003880//ATP SYNTHASE PROTEIN 8 (EC 3.6.1.34) (A6L)//0.99:39:38//FELIS SILVESTRIS CATUS (CAT)//P48896
 F-HEMBA1003885//!!!! ALU SUBFAMILY SP WARNING ENTRY !!!!//3.5e-28:47:76//HOMO SAPIENS (HUMAN)//P39193
 F-HEMBA1003893//HYPOTHETICAL 27.8 KD PROTEIN IN VMA7-RPS25A INTERGENIC REGION//1.7e-57:215:51//SACCHAROMYCES CEREVISIAE (BAKER'S YEAST)//P53215
 35 F-HEMBA1003902
 F-HEMBA1003908
 F-HEMBA1003926//!!!! ALU SUBFAMILY J WARNING ENTRY !!!!//4.3e-10:60:63//HOMO SAPIENS (HUMAN)//P39188
 40 F-HEMBA1003937//!!!! ALU SUBFAMILY SQ WARNING ENTRY !!!!//8.1e-29:68:64//HOMO SAPIENS (HUMAN)//P39194
 F-HEMBA1003939//PROTEIN Q300//0.0025:24:62//MUS MUSCULUS (MOUSE)//Q02722
 F-HEMBA1003942//EXCITATORY INSECT TOXIN BJXTR-IT PRECURSOR (BJ-XTRIT)//0.084:67:31//BUTHOTUS JUDAICUS (SCORPION) (HOTTENTOTTA JUDAICA)//P56637
 45 F-HEMBA1003950//HYPOTHETICAL 8.1 KD PROTEIN IN SPEA-METK INTERGENIC REGION (O71)//0.95:26:34//ESCHERICHIA COLI//P46878
 F-HEMBA1003953//ZINC FINGER PROTEIN MFG-1 (ZINC FINGER PROTEIN 58) (FRAGMENT)//2.5e-17:89:46//MUS MUSCULUS (MOUSE)//P16372
 F-HEMBA1003958//LINE-1 REVERSE TRANSCRIPTASE HOMOLOG//4.2e-23:43:76//HOMO SAPIENS (HUMAN)//P08547
 50 F-HEMBA1003959
 F-HEMBA1003976//HYPOTHETICAL PROTEIN KIAA0076 (HA0936)//0.99:88:28//HOMO SAPIENS (HUMAN)//Q14999
 F-HEMBA1003978//SMALL PROLINE RICH PROTEIN II (SPR-II) (CLONE 930)//0.98:19:57//HOMO SAPIENS (HUMAN)//P22531
 55 F-HEMBA1003985//LYSYL-TRNA SYNTHETASE (EC 6.1.1.6) (LYSINE--TRNA LIGASE) (LYSRS) (FRAGMENT)//1.0:40:32//MYCOBACTERIUM LEPRAE//P46861
 F-HEMBA1003987//HYPOTHETICAL PROTEIN UL66//0.27:65:33//HUMAN CYTOMEGALOVIRUS (STRAIN

AD169)//P16822
 F-HEMBA1003989//MALE SPECIFIC SPERM PROTEIN MST84DB//5.2e-05:64:40//DROSOPHILA MELANOGASTER (FRUIT FLY)//Q01643
 F-HEMBA1004000//PROTEIN Q300//0.00042:17:82//MUS MUSCULUS (MOUSE)//Q02722
 5 F-HEMBA1004011//ALPHA-TYPE CALCITONIN GENE-RELATED PEPTIDE PRECURSOR (CGRP-1)//0.47:106:32//HOMO SAPIENS (HUMAN)//P06881
 F-HEMBA1004012//ATP SYNTHASE PROTEIN 9, MITOCHONDRIAL (EC 3.6.1.34) (LIPID-BINDING PROTEIN)//0.96:36:33//PARAMECIUM TETRAURELIA//P16001
 F-HEMBA1004015//HYPOTHETICAL 29.3 KD PROTEIN B0280.6 IN CHROMOSOME III//0.00018:90:34//
 10 CAENORHABDITIS ELEGANS//P41997
 F-HEMBA1004024//!!!! ALU SUBFAMILY SQ WARNING ENTRY!!!!//5.1e-34:75:80//HOMO SAPIENS (HUMAN)//P39194
 F-HEMBA1004038
 F-HEMBA1004042
 15 F-HEMBA1004045//40S RIBOSOMAL PROTEIN S27A//1.0:20:55//ASPARAGUS OFFICINALIS (GARDEN ASPARAGUS)//P31753
 F-HEMBA1004048//PROLINE-RICH PROTEIN MP-3 (FRAGMENT)//1.3e-06:158:35//MUS MUSCULUS (MOUSE)//P05143
 F-HEMBA1004049//32 KD HEAT SHOCK PROTEIN (4-1 PROTEIN)//0.098:106:32//DICTYOSTELIUM DISCOIDEUM (SLIME MOLD)//P54658
 20 F-HEMBA1004055//HYPOTHETICAL PROTEIN HI0258/259//0.87:133:23//HAEMOPHILUS INFLUENZAE//P43974
 F-HEMBA1004056//!!!! ALU SUBFAMILY SB2 WARNING ENTRY!!!!//3.3e-25:39:64//HOMO SAPIENS (HUMAN)//P39191
 25 F-HEMBA1004074//!!!! ALU SUBFAMILY J WARNING ENTRY!!!!//9.9e-08:35:68//HOMO SAPIENS (HUMAN)//P39188
 F-HEMBA1004086
 F-HEMBA1004097//IMMEDIATE-EARLY PROTEIN IE4 (IE68) (FRAGMENT)//0.71:95:35//HERPES SIMPLEX VIRUS (TYPE 2)//P14379
 30 F-HEMBA1004111//!!!! ALU SUBFAMILY J WARNING ENTRY!!!!//4.7e-26:84:64//HOMO SAPIENS (HUMAN)//P39188
 F-HEMBA1004131//SEPTIN 2 HOMOLOG (FRAGMENT)//2.8e-34:108:63//HOMO SAPIENS (HUMAN)//Q14141
 F-HEMBA1004132//HYPOTHETICAL PROTEIN HI1736//1.0:44:34//HAEMOPHILUS INFLUENZAE//P44300
 35 F-HEMBA1004133//HYPOTHETICAL 8.5 KD PROTEIN CY274.40C//0.89:21:57//MYCOBACTERIUM TUBERCULOSIS//Q10826
 F-HEMBA1004138//EARLY NODULIN 75 (N-75) (NGM-75) (FRAGMENT)//0.016:39:41//MEDICAGO SATIVA (ALFALFA)//P11728
 F-HEMBA1004143//CYTOCHROME C OXIDASE POLYPEPTIDE VIII PRECURSOR (EC 1.9.3.1)//0.93:34:29//
 40 SACCHAROMYCES CEREVISIAE (BAKER'S YEAST)//P04039
 F-HEMBA1004146//BASIC PROLINE-RICH PEPTIDE P-E (IB-9)//0.63:52:36//HOMO SAPIENS (HUMAN)//P02811
 F-HEMBA1004150//METALLOTHIONEIN-II (MT-II)//1.0:20:45//MUS MUSCULUS (MOUSE)//P02798
 F-HEMBA1004164//!!!! ALU SUBFAMILY SX WARNING ENTRY!!!!//3.0e-13:57:71//HOMO SAPIENS (HUMAN)//
 45 P39195
 F-HEMBA1004168//V-TYPE SODIUM ATP SYNTHASE SUBUNIT F (EC 3.6.1.34) (NA(+)-TRANSLOCATING ATPASE SUBUNIT F)//0.00035:90:34//ENTEROCOCCUS HIRAE//P43437
 F-HEMBA1004199//HYPOTHETICAL HELICASE K12H4.8 IN CHROMOSOME III//5.1e-14:115:31//
 50 CAENORHABDITIS ELEGANS//P34529
 F-HEMBA1004200
 F-HEMBA1004202//YPT1-RELATED PROTEIN 1//2.5e-24:96:52//SCHIZOSACCHAROMYCES POMBE (FISSION YEAST)//P11620
 F-HEMBA1004203//!!!! ALU SUBFAMILY SP WARNING ENTRY!!!!//2.2e-09:48:64//HOMO SAPIENS (HUMAN)//
 55 P39193
 F-HEMBA1004207//HYPOTHETICAL 8.7 KD PROTEIN IN RPL22-RPL23 INTERGENIC REGION (ORF70)//0.98:51:33//ASTASIA LONGA (EUGLENOPHYCEAN ALGA)//P34779
 F-HEMBA1004225//METALLOTHIONEIN-II//1.0:30:33//CANDIDA GLABRATA (YEAST) (TORULOPSIS GLABRATA)//P15114

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F-HEMBA1004227//PUTATIVE PROTEIN PHOSPHATASE 2C (EC 3.1.3.16) (PP2C) (KIAA0015)//5.9e-06:109:33//HOMO SAPIENS (HUMAN)//P49593
 F-HEMBA1004238//VERY HYPOTHETICAL XYLU PROTEIN//0.98:39:38//ESCHERICHIA COLI//P05056
 F-HEMBA1004241//SOX-13 PROTEIN (FRAGMENT)//0.66:36:38//MUS MUSCULUS (MOUSE)//Q04891
 5 F-HEMBA1004246
 F-HEMBA1004248//INSULIN-INDUCED GROWTH RESPONSE PROTEIN CL-6 (IMMEDIATE-EARLY PROTEIN CL-6)//1.0e-43:98:84//RATTUS NORVEGICUS (RAT)//Q08755
 F-HEMBA1004264//SPIDROIN 2 (DRAGLINE SILK FIBROIN 2) (FRAGMENT)//0.014:160:28//NEPHILA CLA-VIPES (ORB SPIDER)//P46804
 10 F-HEMBA1004267//!!!! ALU SUBFAMILY SB WARNING ENTRY !!!!!/1.8e-52:56:83//HOMO SAPIENS (HUMAN)//P39189
 F-HEMBA1004272
 F-HEMBA1004274//HYPOTHETICAL 13.0 KD PROTEIN F59B2.10 IN CHROMOSOME III//0.00084:33:54//CAENORHABDITIS ELEGANS//P34485
 15 F-HEMBA1004275//HYPOTHETICAL 56.5 KD PROTEIN IN CAJ1-HOM3 INTERGENIC REGION//9.3e-06:125:27//SACCHAROMYCES CEREVISIAE (BAKER'S YEAST)//P40034
 F-HEMBA1004276//BETA-ADAPTIN 1 (PLASMA MEMBRANE ADAPTOR HA2/AP2 ADAPTIN BETA SUBUNIT) (CLATHRIN ASSEMBLY PROTEIN COMPLEX 2 BETA LARGE CHAIN) (AP105A)//3.7e-30:239:32//HOMO SAPIENS (HUMAN)//Q10567
 20 F-HEMBA1004286//CUTICLE COLLAGEN 34//0.0027:71:38//CAENORHABDITIS ELEGANS//P34687
 F-HEMBA1004289//PTR3 PROTEIN (SSY3 PROTEIN)//1.0:76:28//SACCHAROMYCES CEREVISIAE (BAKER'S YEAST)//P43606
 F-HEMBA1004295//DNA-BINDING P52/P100 COMPLEX, 100 KD.SUBUNIT (FRAGMENTS)//0.075:58:39//HOMO SAPIENS (HUMAN)//P30808
 25 F-HEMBA1004306//HYPOTHETICAL 29.3 KD PROTEIN (ORF92)//0.020:132:30//ORGYIA PSEUDOTSUGATA MULTICAPSID POLYHEDROSIS VIRUS (OPMNPV)//O10341
 F-HEMBA1004312//EARLY PROTEIN I73R//0.99:65:32//AFRICAN SWINE FEVER VIRUS (STRAIN BA71V) (ASFV)//P27946
 30 F-HEMBA1004321//ZINC FINGER PROTEIN 90 (ZFP-90) (ZINC FINGER PROTEIN NK10)//4.3e-43:133:44//MUS MUSCULUS (MOUSE)//Q61967
 F-HEMBA1004323
 F-HEMBA1004327//SMALL PROLINE-RICH PROTEIN 2-1//0.027:48:43//HOMO SAPIENS (HUMAN)//P35326
 F-HEMBA1004330//HOMEBOX PROTEIN ENGRAILED-1 (HU-EN-1)//0.46:70:34//HOMO SAPIENS (HUMAN)//Q05925
 35 F-HEMBA1004334//LINE-1 REVERSE TRANSCRIPTASE HOMOLOG//7.7e-05:83:34//HOMO SAPIENS (HUMAN)//P08547
 F-HEMBA1004335//!!!! ALU SUBFAMILY SX WARNING ENTRY !!!!!/2.0e-24:41:80//HOMO SAPIENS (HUMAN)//P39195
 F-HEMBA1004341//PROLINE-RICH PROTEIN MP-3 (FRAGMENT)//2.8e-06:148:35//MUS MUSCULUS (MOUSE)//P05143
 40 F-HEMBA1004353//!!!! ALU SUBFAMILY SX WARNING ENTRY !!!!!/2.2e-29:57:80//HOMO SAPIENS (HUMAN)//P39195
 F-HEMBA1004354//CHL1 PROTEIN//0.017:40:40//SACCHAROMYCES CEREVISIAE (BAKER'S YEAST)//P22516
 45 F-HEMBA1004356
 F-HEMBA1004366//LINE-1 REVERSE TRANSCRIPTASE HOMOLOG//0.00045:49:46//HOMO SAPIENS (HUMAN)//P08547
 F-HEMBA1004372//VERY HYPOTHETICAL 20.6 KD PROTEIN C56F8.15 IN CHROMOSOME I//1.0:125:28//SCHIZOSACCHAROMYCES POMBE (FISSION YEAST)//Q10263
 50 F-HEMBA1004389//HYPOTHETICAL 113.1 KD PROTEIN IN PRE5:FET4 INTERGENIC REGION//0.76:170:25//SACCHAROMYCES CEREVISIAE (BAKER'S YEAST)//Q04893
 F-HEMBA1004394
 F-HEMBA1004396//LINE-1 REVERSE TRANSCRIPTASE HOMOLOG//1.2e-10:72:51//HOMO SAPIENS (HUMAN)//P08547
 55 F-HEMBA1004405
 F-HEMBA1004408//PEPTIDYL-PROLYL CIS-TRANS ISOMERASE 10 (EC 5.2.1.8) (PPIASE) (ROTAMASE) (CYCLOPHILIN-10)//2.7e-29:146:48//CAENORHABDITIS ELEGANS//P52017
 F-HEMBA1004429//!!!! ALU SUBFAMILY SB2 WARNING ENTRY !!!!!/0.0019:47:59//HOMO SAPIENS (HUMAN)

MAN)//P39191
 F-HEMBA1004433//!!!! ALU SUBFAMILY SC WARNING ENTRY !!!!!/1.1e-20:47:68//HOMO SAPIENS (HUMAN)//
 P39192
 5 F-HEMBA1004460//!!!! ALU SUBFAMILY SP WARNING ENTRY !!!!!/6.2e-64:134:69//HOMO SAPIENS (HU-
 MAN)//P39193
 F-HEMBA1004461//METALLOTHIONEIN-LIKE PROTEIN 1//1.0:39:35//PISUM SATIVUM (GARDEN PEA)//
 P20830
 F-HEMBA1004479//HYPOXIA-INDUCIBLE FACTOR 1 ALPHA (HIF-1 ALPHA) (ARNT INTERACTING PRO-
 TEIN)//9.7e-43:101:48//MUS MUSCULUS (MOUSE)//Q61221
 10 F-HEMBA1004482//ATP SYNTHASE PROTEIN 8 (EC 3.6.1.34)//1.0:41:36//CANDIDA GLABRATA (YEAST)
 (TORULOPSIS GLABRATA)//P05040
 F-HEMBA1004499//TUBULIN BETA CHAIN//0.00021:55:36//CAENORHABDITIS ELEGANS//P52275
 F-HEMBA1004502
 15 F-HEMBA1004506//HYPOTHETICAL PROTEIN ORF-1137//5.3:11:119:35//MUS MUSCULUS (MOUSE)//
 P11260
 F-HEMBA1004507//SPLICEOSOME ASSOCIATED PROTEIN 62 (SAP 62) (SF3A66)//0.00072:90:37//HOMO
 SAPIENS (HUMAN)//Q15428
 F-HEMBA1004509//HYPOTHETICAL 52.2 KD PROTEIN IN MPR1-GCN20 INTERGENIC REGION//6.3e-28:169:
 42//SACCHAROMYCES CEREVISIAE (BAKER'S YEAST)//P43589
 20 F-HEMBA1004534//ENDOTHELIAL ACTIN-BINDING PROTEIN (ABP-280) (NONMUSCLE FILAMIN) (FILAMIN
 1)//1.3e-80:226:66//HOMO SAPIENS (HUMAN)//P21333
 F-HEMBA1004538//HYPOTHETICAL PROTEIN MJ0764//0.96:28:35//METHANOCOCCUS JANNASCHII//
 Q58174
 F-HEMBA1004542//METALLOTHIONEIN (MT)//0.78:36:41//GADUS MORHUA (ATLANTIC COD)//P51902
 25 F-HEMBA1004554
 F-HEMBA1004560//HYPOTHETICAL PROTEIN KIAA0281 (HA6725)//4.2e-15:56:69//HOMO SAPIENS (HU-
 MAN)//Q92556
 F-HEMBA1004573//CIRCUMSPOROZOITE PROTEIN PRECURSOR (CS)//0.65:31:58//PLASMODIUM
 BERGHEI//P06915
 30 F-HEMBA1004577//!!!! ALU SUBFAMILY SX WARNING ENTRY !!!!!/3.9e-08:35:80//HOMO SAPIENS (HUMAN)//
 P39195
 F-HEMBA1004586//!!!! ALU SUBFAMILY SQ WARNING ENTRY !!!!!/6.6e-08:64:54//HOMO SAPIENS (HU-
 MAN)//P39194
 F-HEMBA1004596//HETEROGENEOUS NUCLEAR RIBONUCLEOPROTEIN C (HNRNP C) (HNRNP CORE
 35 PROTEIN C) (FRAGMENT)//0.00057:88:31//RATTUS NORVEGICUS (RAT)//P17132
 F-HEMBA1004604//COLLAGEN ALPHA 2(XI) CHAIN PRECURSOR (FRAGMENT)//0.045:37:45//MUS MUSCU-
 LUS (MOUSE)//Q64739
 F-HEMBA1004610//!!!! ALU SUBFAMILY J WARNING ENTRY !!!!!/4.3e-11:73:54//HOMO SAPIENS (HUMAN)//
 P39188
 40 F-HEMBA1004617
 F-HEMBA1004629
 F-HEMBA1004631//HYPOTHETICAL 7.8 KD PROTEIN IN WAPA-LICT INTERGENIC REGION//1.0:36:38//BA-
 CILLUS SUBTILIS//P42303
 F-HEMBA1004632//PHOTOSYSTEM I REACTION CENTRE SUBUNIT X PRECURSOR (LIGHT-HARVESTING
 45 8.0 KD POLYPEPTIDE)//0.86:48:35//SYNECHOCOCCUS ELONGATUS NAEGELI//P20453
 F-HEMBA1004637//HYPOTHETICAL 83.6 KD PROTEIN R05D3.2 IN CHROMOSOME III//1.7e-32:159:42//
 CAENORHABDITIS ELEGANS//P34535
 F-HEMBA1004638//HYPOTHETICAL PROLINE-RICH PROTEIN (FRAGMENT)//2.8e-06:50:46//OWENIA FUSI-
 FORMIS//P21260
 50 F-HEMBA1004666//TOXIN S6C4//1.0:36:30//DENDROASPIS JAMESONI KAIMOSAE (EASTERN JAMESON'S
 MAMBA)//P25682
 F-HEMBA1004669//SPLICING FACTOR, ARGININE/SERINE-RICH 4 (PRE-MRNA SPLICING FACTOR
 SRP75)//1.6e-12:105:42//HOMO SAPIENS (HUMAN)//Q08170
 F-HEMBA1004670//PROCOLLAGEN ALPHA 1(I) CHAIN PRECURSOR//2.5e-06:62:45//HOMO SAPIENS (HU-
 55 MAN)//P02452
 F-HEMBA1004672//HYPOTHETICAL PROTEIN MJ0437//0.95:37:29//METHANOCOCCUS JANNASCHII//
 Q57879
 F-HEMBA1004693//MYOSIN HEAVY CHAIN, NONMUSCLE TYPE B (CELLULAR MYOSIN HEAVY CHAIN,

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TYPE B) (NMMHC-B).//0.00035:217:23//HOMO SAPIENS (HUMAN)//P35580
F-HEMBA1004697//IMMUNOGLOBULIN G BINDING PROTEIN H PRECURSOR (PROTEIN H).//0.058:118:30//
STREPTOCOCCUS PYOGENES.//P50470
5 F-HEMBA1004705//!!!! ALU SUBFAMILY J WARNING ENTRY !!!!!//6.8e-09:43:72//HOMO SAPIENS (HUMAN)//
P39188
F-HEMBA1004709//!!!! ALU SUBFAMILY SB WARNING ENTRY !!!!!//8.8e-18:50:84//HOMO SAPIENS (HUMAN)//
P39189
F-HEMBA1004711//ETS-RELATED PROTEIN 71 (ETS TRANSLOCATION VARIANT 2)//0.0027:148:30//HOMO
SAPIENS (HUMAN).//000321
10 F-HEMBA1004725//CUTICLE COLLAGEN 2.//0.0051:41:41//CAENORHABDITIS ELEGANS.//P17656
F-HEMBA1004730//LINE-1 REVERSE TRANSCRIPTASE HOMOLOG.//1.4e-22:210:37//HOMO SAPIENS (HU-
MAN).//P08547
F-HEMBA1004733//!!!! ALU SUBFAMILY J WARNING ENTRY !!!!!//4.7e-07:50:62//HOMO SAPIENS (HUMAN).//
P39188
15 F-HEMBA1004734//UBIQUITIN-CONJUGATING ENZYME E2-18 KD (EC 6.3.2.19) (UBIQUITIN- PROTEIN
LIGASE) (UBIQUITIN CARRIER PROTEIN) (PM42).//9.9e-39:143:52//ARABIDOPSIS THALIANA (MOUSE-EAR
CRESS).//P42743
F-HEMBA1004736//LINE-1 REVERSE TRANSCRIPTASE HOMOLOG.//4.1e-60:210:61//HOMO SAPIENS (HU-
MAN).//P08547
20 F-HEMBA1004748
F-HEMBA1004751//!!!! ALU SUBFAMILY J WARNING ENTRY !!!!!//4.8e-20:88:63//HOMO SAPIENS (HUMAN).//
P39188
F-HEMBA1004752//SKIN SECRETORY PROTEIN XP2 PRECURSOR (APEG PROTEIN).//0.0043:126:34//
XENOPUS LAEVIS (AFRICAN CLAWED FROG).//P17437
25 F-HEMBA1004753//!!!! ALU SUBFAMILY SP WARNING ENTRY !!!!!//7.8e-28:47:78//HOMO SAPIENS (HUMAN).//
P39193
F-HEMBA1004756//HYPOTHETICAL 53.3 KD PROTEIN IN HXT8-CAN1 INTERGENIC REGION.//0.22:77:27//
SACCHAROMYCES CEREVISIAE (BAKER'S YEAST).//P39981
F-HEMBA1004758
30 F-HEMBA1004763//HYPOTHETICAL PROLINE-RICH PROTEIN (FRAGMENT).//1.1e-06:58:43//OWENIA FUSI-
FORMIS.//P21260
F-HEMBA1004768//LINE-1 REVERSE TRANSCRIPTASE HOMOLOG.//4.7e-65:298:53//HOMO SAPIENS (HU-
MAN).//P08547
F-HEMBA1004770
35 F-HEMBA1004771
F-HEMBA1004776//GRANULIN 1.//0.78:28:42//CYPRINUS CARPIO (COMMON CARP).//P81013
F-HEMBA1004778
F-HEMBA1004795//CDC4-LIKE PROTEIN (FRAGMENT).//6.9e-20:74:63//HOMO SAPIENS (HUMAN).//P50851
F-HEMBA1004803//LINE-1 REVERSE TRANSCRIPTASE HOMOLOG.//1.4e-22:58:86//HOMO SAPIENS (HU-
40 MAN).//P08547
F-HEMBA1004806//HYPOTHETICAL 24.3 KD PROTEIN IN PSBH-RPL11 INTERGENIC REGION (ORF182).//
0.72:75:33//CYANOPHORA PARADOXA.//P48324
F-HEMBA1004807
F-HEMBA1004816
45 F-HEMBA1004820//HEMOLYMPH TRYPSIN INHIBITOR A (BPI-TYPE) (FRAGMENT).//1.0:50:38//MANDUCA
SEXTA (TOBACCO HAWKMOTH) (TOBACCO HORNWORM).//P26226
F-HEMBA1004847//SIGNAL RECOGNITION PARTICLE 68 KD PROTEIN (SRP68).//3.0e-76:171:91//CANIS FA-
MILIARIS (DOG).//Q00004
F-HEMBA1004850//COLLAGEN ALPHA 1(XII) CHAIN (FRAGMENTS).//3.0e-05:64:43//BOS TAURUS (BO-
50 VINE).//P25508
F-HEMBA1004863//TOXIN C13S1C1 PRECURSOR.//0.38:52:30//DENDROASPIS ANGUSTICEPS (EASTERN
GREEN MAMBA).//P18329
F-HEMBA1004864//TAT PROTEIN (TRANSACTIVATING REGULATORY PROTEIN) (FRAGMENT).//0.89:24:50//
HUMAN IMMUNODEFICIENCY VIRUS TYPE 1 (BH5 ISOLATE) (HIV-1).//P04612
55 F-HEMBA1004865
F-HEMBA1004880
F-HEMBA1004889//SMALL PROLINE-RICH PROTEIN II (SPR-II) (CLONE 174N).//0.66:23:47//HOMO SAPIENS
(HUMAN).//P22532

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F-HEMBA1004900
 F-HEMBA1004909
 F-HEMBA1004918//CHLOROPLAST 30S RIBOSOMAL PROTEIN S8 (FRAGMENT)//0.56:37:32//SPINACIA OL-
 ERACEA (SPINACH)//P09597
 5 F-HEMBA1004923//!!!! ALU SUBFAMILY J WARNING ENTRY !!!!!/3.5e-24:44:68//HOMO SAPIENS (HUMAN)//
 P39188
 F-HEMBA1004929//ATP SYNTHASE PROTEIN 8 (EC 3.6.1.34) (A6L)//0.97:39:38//STRONGYLOCENTROTUS
 PURPURATUS (PURPLE SEA URCHIN)//P15997
 F-HEMBA1004930//LINE-1 REVERSE TRANSCRIPTASE HOMOLOG//6.6e-15:64:59//HOMO SAPIENS (HU-
 10 MAN)//P08547
 F-HEMBA1004933//VASODILATOR-STIMULATED PHOSPHOPROTEIN (VASP)//0.34:58:41//HOMO SAPIENS
 (HUMAN)//P50552
 F-HEMBA1004934
 F-HEMBA1004944
 15 F-HEMBA1004954//NADH-UBIQUINONE OXIDOREDUCTASE CHAIN 3 (EC 1.6.5.3)//0.58:78:30//PARA-
 MECIUM TETRAURELIA//P15579
 F-HEMBA1004956//HYPOTHETICAL 18.8 KD PROTEIN (ORF4)//0.98:57:31//PARAMECIUM TETRAURELIA//
 P15605
 F-HEMBA1004960//HYPOTHETICAL 12.6 KD PROTEIN-(ORFJ) (RETRON EC67)//1.0:58:27//ESCHERICHIA
 20 COLI//P21324
 F-HEMBA1004972
 F-HEMBA1004973//SMALL PROLINE RICH PROTEIN II (SPR-II) (CLONE 930)//0.90:55:30//HOMO SAPIENS
 (HUMAN)//P22531
 F-HEMBA1004977
 25 F-HEMBA1004978
 F-HEMBA1004980//MOTILIN PRECURSOR//0.088:79:31//MACACA MULATTA (RHESUS MACAQUE)//018811
 F-HEMBA1004983//10 KD CHAPERONIN (PROTEIN CPN10) (PROTEIN GROES)//0.87:51:31//BUCHNERA
 APHIDICOLA//Q59176
 F-HEMBA1004995//MYOCYTE-SPECIFIC ENHANCER FACTOR 2B (SERUM RESPONSE FACTOR-LIKE PRO-
 30 TEIN 2) (XMEF2) (RSRFR2)//0.17:52:40//HOMO SAPIENS (HUMAN)//Q02080
 F-HEMBA1005008//METALLOTHIONEIN (MT)//1.0:52:32//CRASSOSTREA VIRGINICA (EASTERN OYS-
 TER)//P23038
 F-HEMBA1005009//ACTIN//3.5e-27:171:38//CANDIDA ALBICANS (YEAST)//P14235
 F-HEMBA1005019//HYPOTHETICAL PROTEIN HI1222//0.13:58:31//HAEMOPHILUS INFLUENZAE//P44129
 35 F-HEMBA1005029//P2Y PURINOCEPTOR 5 (P2Y5) (PURINERGIC RECEPTOR 5) (6H1)//0.76:72:31//GALLUS
 GALLUS (CHICKEN)//P32250
 F-HEMBA1005035//HOMEBOX PROTEIN HB9//0.0086:60:40//HOMO SAPIENS (HUMAN)//P50219
 F-HEMBA1005039//SMALL PROLINE-RICH PROTEIN II (SPR-II) (CLONE 174N)//0.47:49:32//HOMO SAPIENS
 (HUMAN)//P22532
 40 F-HEMBA1005047//RAS-RELATED PROTEIN RAB-24 (RAB-16)//1.5e-19:39:100//MUS MUSCULUS
 (MOUSE)//P35290
 F-HEMBA1005050//COLLAGEN ALPHA 1(XII) CHAIN (FRAGMENTS)//0.074:34:44//BOS TAURUS (BOVINE)//
 P25508
 F-HEMBA1005062
 45 F-HEMBA1005066//LINE-1 REVERSE TRANSCRIPTASE HOMOLOG//2.1e-44:126:65//HOMO SAPIENS (HU-
 MAN)//P08547
 F-HEMBA1005075//SUPPRESSOR PROTEIN SRP40//0.35:96:31//SACCHAROMYCES CEREVISIAE (BAK-
 ER'S YEAST)//P32583
 F-HEMBA1005079//!!!! ALU SUBFAMILY SB2 WARNING ENTRY !!!!!/3.6e-20:75:64//HOMO SAPIENS (HU-
 50 MAN)//P39191
 F-HEMBA1005083//COLLAGEN ALPHA 1(XII) CHAIN (FRAGMENTS)//0.00015:72:34//BOS TAURUS (BO-
 VINE)//P25508
 F-HEMBA1005101//HETEROGENEOUS NUCLEAR RIBONUCLEOPROTEIN 27C (HNRNP 48) (HRP48.1)//
 4.8e-10:176:25//DROSOPHILA MELANOGASTER (FRUIT FLY)//P48809
 55 F-HEMBA1005113
 F-HEMBA1005123//!!!! ALU SUBFAMILY SQ WARNING ENTRY !!!!!/3.6e-24:99:60//HOMO SAPIENS (HU-
 MAN)//P39194
 F-HEMBA1005133//HYPOTHETICAL 13.5 KD PROTEIN IN MOB1-SGA1 INTERGENIC REGION//0.11:22:54//

SACCHAROMYCES CEREVISIAE (BAKER'S YEAST)//P40490
 F-HEMBA1005149//!!!! ALU SUBFAMILY J WARNING ENTRY !!!!!/3.7e-16:59:71//HOMO SAPIENS (HUMAN)//
 P39188
 5 F-HEMBA1005152//GENOME POLYPROTEIN 2 [CONTAINS: HELPER COMPONENT PROTEINASE (EC 3.4.22.-) (HC-PRO); 70 KD PROTEIN]//1.0:77:27//BARLEY YELLOW MOSAIC VIRUS (JAPANESE STRAIN II-1) (BAYMV)//Q01207
 F-HEMBA1005159//NADH-UBIQUINONE OXIDOREDUCTASE CHAIN 4L (EC 1.6.5.3)//0.40:53:33//APIS MEL-LIFERA (HONEYBEE)//P34859
 10 F-HEMBA1005185//MYOSIN IB HEAVY CHAIN//0.011:58:48//DICTYOSTELIUM DISCOIDEUM (SLIME MOLD)//P34092
 F-HEMBA1005201//HYPOTHETICAL 56.6 KD PROTEIN C16C9.03 IN CHROMOSOME I//3.9e-67:241:53//SCHIZOSACCHAROMYCES POMBE (FISSION YEAST)//Q09817
 F-HEMBA1005202//SIGNAL RECOGNITION PARTICLE 68 KD PROTEIN (SRP68)//3.8e-124:257:95//CANIS FAMILIARIS (DOG)//Q00004
 15 F-HEMBA1005206//CUTICLE COLLAGEN 1//0.010:118:33//CAENORHABDITIS ELEGANS//P08124
 F-HEMBA1005219//PTB-ASSOCIATED SPLICING FACTOR (PSF)//0.99:85:40//HOMO SAPIENS (HUMAN)//P23246
 F-HEMBA1005223//HYPOTHETICAL GENE 1.05 PROTEIN//0.31:75:28//BACTERIOPHAGE T3//P07715
 20 F-HEMBA1005232//HYPOTHETICAL 7.8 KD PROTEIN//0.99:48:29//VACCINIA VIRUS (STRAIN WR), AND VACCINIA VIRUS (STRAIN COPENHAGEN)//P20544
 F-HEMBA1005241//!!!! ALU SUBFAMILY SP WARNING ENTRY !!!!!/1.4e-28:138:55//HOMO SAPIENS (HUMAN)//P39193
 F-HEMBA1005244//SMALL PROLINE RICH PROTEIN II (SPR-II); (CLONE 930)//0.014:39:41//HOMO SAPIENS (HUMAN)//P22531
 25 F-HEMBA1005251//ATP SYNTHASE PROTEIN 8 (EC 3.6.1.34) (A6L)//0.55:15:46//DICENTRARCHUS LABRAX (EUROPEAN SEA BASS)//Q36362
 F-HEMBA1005252//EC PROTEIN HOMOLOG (ZINC-METALLOTHIONEIN CLASS II)//0.088:33:42//ZEA MAYS (MAIZE)//P43401
 F-HEMBA1005274
 30 F-HEMBA1005275//!!!! ALU SUBFAMILY J WARNING ENTRY !!!!!/0.96:42:45//HOMO SAPIENS (HUMAN)//P39188
 F-HEMBA1005293//PROBABLE COATOMER BETA' SUBUNIT (BETA'-COAT PROTEIN) (BETA'-COP)//0.55:98:30//CAENORHABDITIS ELEGANS//Q20168
 F-HEMBA1005296//MUCIN 2 PRECURSOR (INTESTINAL MUCIN 2)//0.095:75:34//HOMO SAPIENS (HUMAN)//Q02817
 35 F-HEMBA1005304//!!!! ALU SUBFAMILY SB WARNING ENTRY !!!!!/5.4e-33:103:74//HOMO SAPIENS (HUMAN)//P39189
 F-HEMBA1005311//PERIOD CLOCK PROTEIN (FRAGMENT)//0.99:45:31//DROSOPHILA SALTANS (FRUIT FLY)//Q04536
 40 F-HEMBA1005314//HYPOTHETICAL 6.3 KD PROTEIN T19C3.3 IN CHROMOSOME III//0.98:30:30//CAENORHABDITIS ELEGANS//Q10009
 F-HEMBA1005315//LINE-1 REVERSE TRANSCRIPTASE HOMOLOG//1.1e-05:35:51//HOMO SAPIENS (HUMAN)//P08547
 F-HEMBA1005318//OLFACTORY RECEPTOR-LIKE PROTEIN: COR8 (FRAGMENT)//0.57:44:38//GALLUS GALLUS (CHICKEN)//Q98913
 45 F-HEMBA1005331//IMMEDIATE-EARLY PROTEIN IE180//0.57:106:33//PSEUDORABIES VIRUS (STRAIN IN-DIANA-FUNKHAUSER / BECKER) (PRV)//P11675
 F-HEMBA1005338//CARTIAGE MATRIX PROTEIN PRECURSOR (MATRILIN-1)//1.8e-55:199:59//GALLUS GALLUS (CHICKEN)//P05099
 50 F-HEMBA1005353//CHLOROPLAST 30S RIBOSOMAL PROTEIN S17//0.88:33:36//PORPHYRA PURPUREA//P51305
 F-HEMBA1005359//ZINC FINGER PROTEIN 83 (ZINC FINGER PROTEIN HPF1)//1.1e-68:255:48//HOMO SAPIENS (HUMAN)//P51522
 F-HEMBA1005367//ALPHA-AMYLASE INHIBITOR AAI//1.0:25:40//AMARANTHUS HYPOCHONDRIACUS (PRINCE'S FEATHER)//P80403
 55 F-HEMBA1005372
 F-HEMBA1005374//!!!! ALU SUBFAMILY SQ WARNING ENTRY !!!!!/2.0e-34:92:75//HOMO SAPIENS (HUMAN)//P39194

F-HEMBA1005382//APOLIPOPROTEIN C-II (APO-CII)//0.99:39:33//BOS TAURUS (BOVINE)//P19034
 F-HEMBA1005389//HYPOTHETICAL 70.0 KD PROTEIN IN DNAK 3'REGION (ORF4)//0.82:164:31//LACTO-
 COCCUS LACTIS (SUBSP. LACTIS) (STREPTOCOCCUS LACTIS)//P42377
 5 F-HEMBA1005394//HYPOTHETICAL 8.9 KD PROTEIN IN IE0-IE1 INTERGENIC REGION//0.98:44:38//
 AUTOGRAPHA CALIFORNICA NUCLEAR POLYHEDROSIS VIRUS (ACMPV)//P41703
 F-HEMBA1005403//SPERM HISTONE P2 PRECURSOR (PROTAMINE MP2)//0.066:64:29//MUS MUSCULUS
 (MOUSE)//P07978
 F-HEMBA1005408//50S RIBOSOMAL PROTEIN L33//0.77:32:25//BACILLUS SUBTILIS//Q06798
 10 F-HEMBA1005410//RETROVIRUS-RELATED POLYPROTEIN [CONTAINS: REVERSE TRANSCRIPTASE
 (EC 2.7.7.49); ENDONUCLEASE]//0.0065:38:52//MUS MUSCULUS (MOUSE)//P11369
 F-HEMBA1005411//TOXIN S4C8//0.16:46:28//DENDROASPIS JAMESONI KAIMOSAE (EASTERN JAMES-
 ON'S MAMBA)//P25683
 F-HEMBA1005423//CYCLIN-DEPENDENT KINASE 6 INHIBITOR (P18-INK6) (CYCLIN-DEPENDENT KINASE
 4 INHIBITOR C) (P18-INK4C)//4.3e-09:29:96//HOMO SAPIENS (HUMAN)//P42773
 15 F-HEMBA1005426//TOXIN C10S2C2//0.99:49:34//DENDROASPIS ANGUSTICEPS (EASTERN GREEN MAM-
 BA)//P25684
 F-HEMBA1005443//!!!! ALU SUBFAMILY J WARNING ENTRY !!!!!//2.9e-16:78:60//HOMO SAPIENS (HUMAN)//
 P39188
 F-HEMBA1005447//ATP SYNTHASE PROTEIN 8 (EC 3.6.1.34) (A6L)//0.99:57:31//DASYPUS NOVEMCINCTUS
 20 (NINE-BANDED ARMADILLO)//O21329
 F-HEMBA1005468//NADH-UBIQUINONE OXIDOREDUCTASE CHAIN 1 (EC 1.6.5.3) (FRAGMENTS)//0.68:41:
 31//ARTEMIA SALINA (BRINE SHRIMP)//P19040
 F-HEMBA1005469
 F-HEMBA1005472//LINE-1 REVERSE TRANSCRIPTASE HOMOLOG//1.5e-39:142:70//HOMO SAPIENS (HU-
 25 MAN)//P08547
 F-HEMBA1005474//!!!! ALU SUBFAMILY SQ WARNING ENTRY !!!!!//5.8e-10:44:68//HOMO SAPIENS (HU-
 MAN)//P39194
 F-HEMBA1005475//U1 SMALL NUCLEAR RIBONUCLEOPROTEIN 70 KD (U1 SNRNP 70 KD) (SNRNP70)//9.2e-
 14:179:33//HOMO SAPIENS (HUMAN)//P08621
 30 F-HEMBA1005497
 F-HEMBA1005500//60S RIBOSOMAL PROTEIN L37//0.11:53:33//SCHISTOSOMA MANSONI (BLOOD
 FLUKE)//044125
 F-HEMBA1005506
 F-HEMBA1005508
 35 F-HEMBA1005511//!!!! ALU SUBFAMILY SQ WARNING ENTRY !!!!!//3.5e-30:92:73//HOMO SAPIENS (HUMAN)//
 P39194
 F-HEMBA1005513//MALES-ABSENT ON THE FIRST PROTEIN (EC 2.3.1.-)//2.0e-39:95:61//DROSOPHILA
 MELANOGASTER (FRUIT FLY)//O02193
 F-HEMBA1005517//PROLINE-RICH PROTEIN MP-2 PRECURSOR//2.1e-06:56:44//MUS MUSCULUS
 40 (MOUSE)//P05142
 F-HEMBA1005518//COLLAGEN ALPHA 1(I) CHAIN (FRAGMENTS)//5.8e-05:192:33//BOS TAURUS (BO-
 VINE)//P02453
 F-HEMBA1005520//!!!! ALU SUBFAMILY J WARNING ENTRY !!!!!//2.0e-18:87:57//HOMO SAPIENS (HUMAN)//
 P39188
 45 F-HEMBA1005526//!!!! ALU SUBFAMILY SB2 WARNING ENTRY !!!!!//5.1e-22:77:54//HOMO SAPIENS (HU-
 MAN)//P39191
 F-HEMBA1005528//CCR4-ASSOCIATED FACTOR 1 (CAF1)//1.2e-81:157:98//MUS MUSCULUS (MOUSE)//
 Q60809
 F-HEMBA1005530//POLLEN ALLERGEN AMB P 5-A PRECURSOR (AMB P V-A)//0.98:19:47//AMBROSIA PSI-
 50 LOSTACHYA (WESTERN RAGWEED)//P43174
 F-HEMBA1005548//TRANSCRIPTION FACTOR MAF1//1.4e-72:137:97//RATTUS NORVEGICUS (RAT)//
 P54842
 F-HEMBA1005552//!!!! ALU SUBFAMILY SP WARNING ENTRY !!!!!//1.7e-29:47:78//HOMO SAPIENS (HUMAN)//
 P39193
 55 F-HEMBA1005558//HYPOTHETICAL 25.6 KD PROTEIN IN ABF2-CHL12 INTERGENIC REGION//1.6e-20:202:
 30//SACCHAROMYCES CEREVISIAE (BAKER'S YEAST)//Q04272
 F-HEMBA1005568
 F-HEMBA1005570//NADH-UBIQUINONE OXIDOREDUCTASE CHAIN 6 (EC 1.6.5.3)//1.0:80:31//

CAENORHABDITIS ELEGANS//P24885
 F-HEMBA1005576//TRANSMEMBRANE PROTEIN SEX PRECURSOR//8.5e-58:152:75//HOMO SAPIENS (HUMAN)//P51805
 5 F-HEMBA1005577//KERATIN, HIGH-SULFUR MATRIX PROTEIN, B2A//0.98:57:36//OVIS ARIES (SHEEP)//P02438
 F-HEMBA1005581//SLIT PROTEIN PRECURSOR//1.1e-62:254:41//DROSOPHILA MELANOGASTER (FRUIT FLY)//P24014
 F-HEMBA1005582//DYNACTIN, 150 KD ISOFORM (150 KD DYNEIN-ASSOCIATED POLYPEPTIDE) (DP-150) (DAP-150) (P150-GLUED)//0.0091:189:29//RATTUS NORVEGICUS (RAT)//P28023
 10 F-HEMBA1005583//HYPOTHETICAL 41.2 KD PROTEIN IN CPS REGION (ORF7)//0.83:119:23//KLEBSIELLA PNEUMONIAE//Q48453
 F-HEMBA1005588//!!!! ALU SUBFAMILY J WARNING ENTRY !!!!!/1.9e-17:108:53//HOMO SAPIENS (HUMAN)//P39188
 F-HEMBA1005593//SMALL PROLINE-RICH PROTEIN II (SPR-II) (CLONE 174N)//0.23:24:54//HOMO SAPIENS (HUMAN)//P22532
 15 F-HEMBA1005595//DYNEIN HEAVY CHAIN, CYTOSOLIC (DYHC)//2.7e-39:257:39//DICTYOSTELIUM DISCOIDEUM (SLIME MOLD)//P34036
 F-HEMBA1005606
 F-HEMBA1005609//!!!! ALU SUBFAMILY SC WARNING ENTRY !!!!!/3.2e-20:27:96//HOMO SAPIENS (HUMAN)//P39192
 20 F-HEMBA1005616//LATE CONTROL GENE B PROTEIN (GPB)//0.48:51:33//BACTERIOPHAGE 186//P08711
 F-HEMBA1005621//MITOTIC MAD2 PROTEIN//1.2e-06:137:32//SACCHAROMYCES CEREVISIAE (BAKER'S YEAST)//P40958
 F-HEMBA1005627//HYPOTHETICAL 17.1 KD PROTEIN IN PUBS 3'REGION//0.18:100:32//SACCHAROMYCES CEREVISIAE (BAKER'S YEAST)//P38898
 25 F-HEMBA1005631
 F-HEMBA1005632//HYPOTHETICAL 7.4 KD PROTEIN//0.32:59:32//VACCINIA VIRUS (STRAIN WR)//P04309
 F-HEMBA1005634//!!!! ALU SUBFAMILY J WARNING ENTRY !!!!!/2.6e-14:93:58//HOMO SAPIENS (HUMAN)//P39188
 30 F-HEMBA1005666//HYPOTHETICAL PROTEIN KIAA0129//2.1e-05:126:25//HOMO SAPIENS (HUMAN)//Q14142
 F-HEMBA1005670
 F-HEMBA1005679//LINE-1 REVERSE TRANSCRIPTASE HOMOLOG//2.2e-08:40:72//HOMO SAPIENS (HUMAN)//P08547
 35 F-HEMBA1005680//SMALL PROLINE-RICH PROTEIN 2;1//0.015:19:47//HOMO SAPIENS (HUMAN)//P35326
 F-HEMBA1005685
 F-HEMBA1005699//EPHRIN-B3 PRECURSOR (EPH-RELATED RECEPTOR TYROSINE KINASE LIGAND 8) (LERK-8) (EPH-RELATED RECEPTOR TRANSMEMBRANE LIGAND ELK-L3)//4.2e-38:98:81//HOMO SAPIENS (HUMAN)//Q15768
 40 F-HEMBA1005705//PROTEIN Q300//0.11:23:56//MUS MUSCULUS (MOUSE)//Q02722
 F-HEMBA1005717
 F-HEMBA1005732//BACTENECIN 7 PRECURSOR (BAC7)//0.22:55:41//OVIS ARIES (SHEEP)//P50415
 F-HEMBA1005737//CALCINEURIN B SUBUNIT (PROTEIN PHOSPHATASE 2B REGULATORY SUBUNIT)//4.5e-18:167:34//SACCHAROMYCES CEREVISIAE (BAKER'S YEAST)//P25296
 45 F-HEMBA1005746
 F-HEMBA1005755//LINE-1 REVERSE TRANSCRIPTASE HOMOLOG//7.4e-30:69:65//HOMO SAPIENS (HUMAN)//P08547
 F-HEMBA1005765//!!!! ALU SUBFAMILY SQ WARNING ENTRY !!!!!/2.8e-19:60:63//HOMO SAPIENS (HUMAN)//P39194
 50 F-HEMBA1005780//METALLOTHIONEIN-I (MT-1)//1.0:31:38//COLUMBA LIVIA (DOMESTIC PIGEON)//P15786
 F-HEMBA1005813
 F-HEMBA1005815//CALPAIN, LARGE [CATALYTIC] SUBUNIT (EC 3.4.22.17) (CALCIUM-ACTIVATED NEUTRAL PROTEINASE) (CANP) (MU/M-TYPE)//1.0e-23:200:31//GALLUS GALLUS (CHICKEN)//P00789
 55 F-HEMBA1005822//PROTEIN Q300//0.0016:21:80//MUS MUSCULUS (MOUSE)//Q02722
 F-HEMBA1005829//!!!! ALU SUBFAMILY SQ WARNING ENTRY !!!!!/9.6e-33:96:73//HOMO SAPIENS (HUMAN)//P39194
 F-HEMBA1005834//LINE-1 REVERSE TRANSCRIPTASE HOMOLOG//1.6e-22:103:46//NYCTICEBUS COU-

CANG (SLOW LORIS)//P08548
 F-HEMBA1005852//PROLINE-RICH PROTEIN MP-3 (FRAGMENT)//8.8e-06:95:35//MUS MUSCULUS (MOUSE)//P05143
 F-HEMBA1005853//HYPOTHETICAL PROTEIN
 5 MJ0647//0.39:28:39//METHANOCOCCUS JANNASCHII//Q58063
 F-HEMBA1005884
 F-HEMBA1005891//HYPOTHETICAL PROTEIN MTH137//0.95:51:27//METHANOBACTERIUM THERMOAUTOTROPHICUM//O26240
 F-HEMBA1005894/////ALU SUBFAMILY SX WARNING ENTRY /////2.6e-29:81:71//HOMO SAPIENS (HUMAN)//
 10 P39195
 F-HEMBA1005909//HYPOTHETICAL 8.2 KD PROTEIN B0353.1 IN CHROMOSOME III//0.98:19:52//CAENORHABDITIS ELEGANS//Q10958
 F-HEMBA1005911/////ALU SUBFAMILY J WARNING ENTRY /////1.9e-27:86:70//HOMO SAPIENS (HUMAN)//
 P39188
 15 F-HEMBA1005921/////ALU SUBFAMILY SQ WARNING ENTRY /////1.3e-38:99:81//HOMO SAPIENS (HUMAN)//P39194
 F-HEMBA1005931//ZINC FINGER PROTEIN 83 (ZINC FINGER PROTEIN HPF1)//2.3e-17:76:51//HOMO SAPIENS (HUMAN)//P51522
 F-HEMBA1005934/////ALU SUBFAMILY SB WARNING ENTRY /////0.024:54:40//HOMO SAPIENS (HUMAN)//
 20 P39189
 F-HEMBA1005962
 F-HEMBA1005963//COATOMER GAMMA SUBUNIT (GAMMA-COAT PROTEIN) (GAMMA-COP)//1.7e-32:89:79//BOS TAURUS (BOVINE)//P53620
 F-HEMBA1005990//HYPOTHETICAL BHLF1 PROTEIN//3.0e-09:180:36//EPSTEIN-BARR VIRUS (STRAIN B95-8) (HUMAN HERPESVIRUS 4)//P03181
 25 F-HEMBA1005991//HYPOTHETICAL PROTEIN KIAA0032//3.0e-17:107:43//HOMO SAPIENS (HUMAN)//Q15034
 F-HEMBA1005999
 F-HEMBA1006002
 30 F-HEMBA1006005//CORNIFIN B (SMALL PROLINE-RICH PROTEIN 1B) (SPR1B) (SPR1 B)//0.0017:45:44//MUS MUSCULUS (MOUSE)//Q62267
 F-HEMBA1006031//BASIC PROLINE-RICH PEPTIDE IB-1//0.00016:84:39//HOMO SAPIENS (HUMAN)//P04281
 F-HEMBA1006035//DNAK PROTEIN 1 (HEAT SHOCK PROTEIN 70) (HSP70)//0.43:100:27//SYNECHOCYSTIS SP. (STRAIN PCC 6803)//Q55154
 35 F-HEMBA1006036/////ALU SUBFAMILY SQ WARNING ENTRY /////6.2e-64:150:74//HOMO SAPIENS (HUMAN)//P39194
 F-HEMBA1006042
 F-HEMBA1006067//METALLOTHIONEIN A (MT-A)//0.86:34:41//THERMARCUS CERBERUS//P52721
 40 F-HEMBA1006081
 F-HEMBA1006090//SODIUM/GLUCOSE COTRANSPORTER 3 (NA(+)/GLUCOSE COTRANSPORTER 3) (LOW AFFINITY SODIUM-GLUCOSE COTRANSPORTER)//0.87:35:54//SUS SCROFA (PIG)//P31636
 F-HEMBA1006091//EARLY NODULIN 20 PRECURSOR (N-20)//0.027:87:32//MEDICAGO TRUNCATULA (BARREL MEDIC)//P93329
 45 F-HEMBA1006100/////ALU SUBFAMILY SX WARNING ENTRY /////8.1e-09:58:60//HOMO SAPIENS (HUMAN)//P39195
 F-HEMBA1006108//HYPOTHETICAL 56.6 KD PROTEIN IN URE2-SSU72 INTERGENIC REGION//5.6e-16:88:36//SACCHAROMYCES CEREVISIAE (BAKER'S YEAST)//P53867
 F-HEMBA1006121//HOMEBOX PROTEIN CDX-1 (CAUDAL-TYPE HOMEBOX PROTEIN 1)//3.4e-05:106:37//HOMO SAPIENS (HUMAN)//P47902
 50 F-HEMBA1006124//50S RIBOSOMAL PROTEIN L33//1.0:12:83//BACILLUS STEAROTHERMOPHILUS//P23375
 F-HEMBA1006130//SEL-10 PROTEIN//7.7e-05:129:28//CAENORHABDITIS ELEGANS//Q93794
 F-HEMBA1006138/////ALU SUBFAMILY SQ WARNING ENTRY /////7.8e-13:41:73//HOMO SAPIENS (HUMAN)//P39194
 55 F-HEMBA1006142/////ALU SUBFAMILY SC WARNING ENTRY /////2.3e-39:101:77//HOMO SAPIENS (HUMAN)//P39192
 F-HEMBA1006155//GENE 33 POLYPEPTIDE//0.21:70:31//RATTUS NORVEGICUS (RAT)//P05432

F-HEMBA1006158
 F-HEMBA1006173//PROTEIN-TYROSINE PHOSPHATASE STRIATUM-ENRICHED (EC 3.1.3.48) (STEP) (NEU-
 RAL-SPECIFIC PROTEIN-TYROSINE PHOSPHATASE) (FRAGMENT)//0.017:20:95//HOMO SAPIENS (HU-
 MAN)//P54829
 5 F-HEMBA1006182/////ALU SUBFAMILY J WARNING ENTRY !!!!!/0.37:31:61//HOMO SAPIENS (HUMAN)//
 P39188
 F-HEMBA1006198//HOMEBOX PROTEIN HOX-B3 (HOX-2.7) (MH-23)//0.85:61:29//MUS MUSCULUS
 (MOUSE)//P09026
 F-HEMBA1006235//50S RIBOSOMAL PROTEIN L33//1.0:26:38//AQUIFEX AEOLICUS//O67756
 10 F-HEMBA1006248//MALE SPECIFIC SPERM PROTEIN MST84DB//0.0041:64:37//DROSOPHILA MELA-
 NOGASTER (FRUIT FLY)//Q01643
 F-HEMBA1006252//BOWMAN-BIRK TYPE PROTEINASE INHIBITOR DE-3//1.0:22:40//DOLICHOS AXILLARIS
 (MACROTYLOMA AXILLARE)//P01057
 F-HEMBA1006253//DISINTEGRIN ERISTICOPHIN (PLATELET AGGREGATION ACTIVATION INHIBITOR)//
 15 0.95:19:47//ERISTOCOPHIS MACMAHONI (LEAF-NOSED VIPER)//P22826
 F-HEMBA1006259
 F-HEMBA1006268/////ALU SUBFAMILY SC WARNING ENTRY !!!!!/7.0e-05:32:65//HOMO SAPIENS (HUMAN)//
 P39192
 F-HEMBA1006272//RETROVIRUS-RELATED GAG POLYPROTEIN (VERSION 2)//4.8e-112:248:78//HOMO SA-
 PIENS (HUMAN)//P10264
 20 F-HEMBA1006278//POLY(A) POLYMERASE (EC 2.7.7.19) (PAP) (POLYNUCLEOTIDE ADENYLYLTRANS-
 FERASE) (FRAGMENT)//2.5e-71:164:75//HOMO SAPIENS (HUMAN)//P51003
 F-HEMBA1006283//50S RIBOSOMAL PROTEIN L32//0.81:27:44//THERMUS AQUATICUS (SUBSP. THER-
 MOPHILUS)//P80339
 25 F-HEMBA1006284//CUTICLE COLLAGEN 2//0.36:42:40//CAENORHABDITIS ELEGANS//P17656
 F-HEMBA1006291//HYPOTHETICAL 43.3 KD PROTEIN IN EVGS-GLK INTERGENIC REGION//2.4e-37:143:
 31//ESCHERICHIA COLI//P76518
 F-HEMBA1006293//MYELIN-OLIGODENDROCYTE GLYCOPROTEIN PRECURSOR//0.20:134:29//RATTUS
 NORVEGICUS (RAT)//Q63345 F-HEMBA1006309//HYPOTHETICAL 54.2 KD PROTEIN IN ERP5-ORC6 INTER-
 30 GENIC REGION//2.1e-43:187:48//SACCHAROMYCES CEREVISIAE (BAKER'S YEAST)//P38821
 F-HEMBA1006310//SIGNAL TRANSDUCER CD24 PRECURSOR (HEAT STABLE ANTIGEN) (HSA)
 (NECTADIN)//0.71:46:39//RATTUS NORVEGICUS (RAT)//Q07490
 F-HEMBA1006328//RNA POLYMERASE ALPHA SUBUNIT (EC 2.7.7.48) (NUCLEOCAPSID PHOSPHOPRO-
 TEIN)//0.44:141:24//HUMAN PARAINFLUENZA 1 VIRUS (STRAIN CI-5/73)//P32531
 35 F-HEMBA1006334//HYPOTHETICAL TRANSCRIPTIONAL REGULATOR AF1627//0.98:26:46//ARCHAE-
 OGLOBUS FULGIDUS//028646
 F-HEMBA1006344//EZRIN (P81) (CYTOVILLIN) (VILLIN-2)//8.8e-08:91:36//MUS MUSCULUS (MOUSE)//
 P26040
 F-HEMBA1006347//MALES-ABSENT ON THE FIRST PROTEIN (EC 2.3.1.-)//9.1e-48:149:50//DROSOPHILA
 40 MELANOGASTER (FRUIT FLY)//Q02193
 F-HEMBA1006349//METALLOTHIONEIN-LIKE PROTEIN 1//0.015:59:33//CASUARINA GLAUCA (SWAMP
 OAK)//Q39511
 F-HEMBA1006359//ZINC FINGER PROTEIN 43 (ZINC PROTEIN HTF6)//6.8e-96:261:66//HOMO SAPIENS (HU-
 MAN)//P28160
 45 F-HEMBA1006364//PUTATIVE ENDONUCLEASE C1F12.06C (EC 3.1.-)//0.97:60:35//SCHIZOSACCHARO-
 MYCES POMBE (FISSION YEAST)//Q10348
 F-HEMBA1006377//EARLY NODULIN 20 PRECURSOR (N-20)//0.00023:110:35//MEDICAGO TRUNCATULA
 (BARREL MEDIC)//P93329
 F-HEMBA1006380
 50 F-HEMBA1006381//METALLOTHIONEIN-II//1.0:26:38//CANDIDA GLABRATA (YEAST) (TORULOPSIS GLA-
 BRATA)//P15114
 F-HEMBA1006398//LINE-1 REVERSE TRANSCRIPTASE HOMOLOG//3.3e-26:123:52//HOMO SAPIENS (HU-
 MAN)//P08547
 F-HEMBA1006416
 55 F-HEMBA1006419/////ALU SUBFAMILY SB WARNING ENTRY !!!!!/1.2e-24:102:50//HOMO SAPIENS (HU-
 MAN)//P39189
 F-HEMBA1006421/////ALU SUBFAMILY J WARNING ENTRY !!!!!/3.1e-21:101:57//HOMO SAPIENS (HUMAN)//
 P39188

F-HEMBA1006424//HYPOTHETICAL PROTEIN IORF1.//0.85:55:30//BOVINE CORONAVIRUS (STRAIN ME-BUS), AND BOVINE CORONAVIRUS (STRAIN QUEBEC).//P22053
 F-HEMBA1006426//!!!! ALU SUBFAMILY SX WARNING ENTRY !!!!!/1.8e-36:78:74//HOMO SAPIENS (HUMAN).//P39195
 5 F-HEMBA1006438//HYPOTHETICAL 8.1 KD PROTEIN (ORF65).//1.0:38:36//GUILLARDIA THETA (CRYPTOMONAS PHI).//O78421
 F-HEMBA1006445//RAS-LIKE PROTEIN 3.//1.9e-06:40:47//RHIZOMUCOR RACEMOSUS (MUCOR CIRCINELLOIDES F. LUSITANICUS).//P22280
 F-HEMBA1006446
 10 F-HEMBA1006461//!!!! ALU SUBFAMILY SC WARNING ENTRY !!!!!/4.1e-18:68:67//HOMO SAPIENS (HUMAN).//P39192
 F-HEMBA1006467
 F-HEMBA1006471
 F-HEMBA1006474//40 KD PROTEIN.//1.1e-37:231:38//BORNA DISEASE VIRUS (BDV).//Q01552
 15 F-HEMBA1006483//!!!! ALU SUBFAMILY SC WARNING ENTRY !!!!!/6.1e-38:77:74//HOMO SAPIENS (HUMAN).//P39192
 F-HEMBA1006485//HYPOTHETICAL 9.3 KD PROTEIN IN NAD3-NAD7 INTERGENIC REGION (ORF 79).//0.91:30:40//MARCHANTIA POLYMORPHA (LIVERWORT).//P38465
 F-HEMBA1006486//LINE-1 REVERSE TRANSCRIPTASE HOMOLOG.//1.1e-12:78:51//HOMO SAPIENS (HUMAN).//P08547
 20 F-HEMBA1006489//FUN34 PROTEIN.//0.94:58:37//SACCHAROMYCES CEREVISIAE (BAKER'S YEAST).//P32907
 F-HEMBA1006492//NADH-UBIQUINONE OXIDOREDUCTASE, MWFE SUBUNIT (EC 1.6.5.3) (EC 1.6.99.3) (COMPLEX I-MWFE) (CI-MWFE).//0.87:44:36//HOMO SAPIENS (HUMAN).//O15239
 25 F-HEMBA1006494//FERREDOXIN-LIKE PROTEIN IN NIF REGION.//0.11:46:26//RHIZOBIUM LEGUMINOSARUM (BIOVAR TRIFOLI).//P42711
 F-HEMBA1006497
 F-HEMBA1006502//!!!! ALU SUBFAMILY J WARNING ENTRY !!!!!/0.15:26:73//HOMO SAPIENS (HUMAN).//P39188
 30 F-HEMBA1006507//DIAPHANOUS PROTEIN.//0.0055:129:28//DROSOPHILA MELANOGASTER (FRUIT FLY).//P48608
 F-HEMBA1006521//3-OXOACYL-[ACYL-CARRIER PROTEIN] REDUCTASE (EC 1.1.1.100) (3-KETOACYL-ACYL CARRIER PROTEIN REDUCTASE).//1.1e-32:177:41//ESCHERICHIA COLI.//P25716
 F-HEMBA1006530//NADH-UBIQUINONE OXIDOREDUCTASE CHAIN 5 (EC 1.6.5.3) (FRAGMENT).//0.052:84:26//LEISHMANIA TARENTOLAE (SAUROLEISHMANIA TARENTOLAE).//P15583
 35 F-HEMBA1006535//INHIBITOR OF APOPTOSIS PROTEIN 1 (MIAP-1) (MIAP-1).//6.6e-05:53:39//MUS MUSCULUS (MOUSE).//O08863
 F-HEMBA1006540//PRESYNAPTIC PROTEIN SAP97 (SYNAPSE-ASSOCIATED PROTEIN 97) (DISCS, LARGE HOMOLOG 1).//2.1e-07:206:23//RATTUS NORVEGICUS (RAT).//Q62696
 40 F-HEMBA1006546//PROBABLE E5 PROTEIN.//0.11:70:32//HUMAN PAPILLOMAVIRUS TYPE 51.//P26553
 F-HEMBA1006559//SUPPRESSOR PROTEIN SRP40.//0.015:221:20//SACCHAROMYCES CEREVISIAE (BAKER'S YEAST).//P32583
 F-HEMBA1006562//SALIVARY PROLINE-RICH PROTEIN PQ PRECURSOR (ALLELE S).//1.5e-07:122:33//HOMO SAPIENS (HUMAN).//P10163
 45 F-HEMBA1006566//CELL DIVISION PROTEIN KINASE 2 (EC 2.7.1.-) (CDC2 HOMOLOG EG1 PROTEIN KINASE).//0.63:53:37//XENOPUS LAEVIS (AFRICAN CLAWED FROG).//P23437
 F-HEMBA1006569//COLLAGEN ALPHA 2(I) CHAIN (FRAGMENT).//4.4e-06:88:39//BOS TAURUS (BOVINE).//P02465
 F-HEMBA1006579
 50 F-HEMBA1006583//PROLINE-RICH PROTEIN MP-2 PRECURSOR.//0.011:61:40//MUS MUSCULUS (MOUSE).//P05142
 F-HEMBA1006595//!!!! ALU SUBFAMILY SQ WARNING ENTRY !!!!!/5.6e-34:93:77//HOMO SAPIENS (HUMAN).//P39194
 F-HEMBA1006597//!!!! ALU SUBFAMILY SX WARNING ENTRY !!!!!/1.9e-26:75:74//HOMO SAPIENS (HUMAN).//P39195
 55 F-HEMBA1006612//SUPPRESSOR PROTEIN SRP40.//0.026:221:22//SACCHAROMYCES CEREVISIAE (BAKER'S YEAST).//P32583
 F-HEMBA1006617//!!!! ALU SUBFAMILY J WARNING ENTRY !!!!!/6.6e-20:73:63//HOMO SAPIENS (HUMAN).//

P39188
 F-HEMBA1006624//HYPOTHETICAL 41.9 KD PROTEIN IN SDS3-THS1 INTERGENIC REGION//2.6e-31:209:
 44//SACCHAROMYCES CEREVISIAE (BAKER'S YEAST)//P40506
 F-HEMBA1006631//HYPOTHETICAL 62.8 KD PROTEIN IN TAF145-YOR1 INTERGENIC REGION//1.5e-15:
 5 131:41//SACCHAROMYCES CEREVISIAE (BAKER'S YEAST)//P53331
 F-HEMBA1006635
 F-HEMBA1006639//POLYADENYLATE-BINDING PROTEIN 1 (POLY(A) BINDING PROTEIN 1) (PABP 1)//2.2e-
 11:48:75//MUS MUSCULUS (MOUSE)//P29341
 F-HEMBA1006643//LONG NEUROTOXIN CR1 PRECURSOR (KAPPA NEUROTOXIN)//0.28:48:27//BUNGA-
 10 RUS MULTICINCTUS (MANY-BANDED KRAIT)//P15817
 F-HEMBA1006648//ZINC FINGER PROTEIN 12 (ZINC FINGER PROTEIN KOX3) (FRAGMENT)//0.26:17:47//
 HOMO SAPIENS (HUMAN)//P17014
 F-HEMBA1006652//60S RIBOSOMAL PROTEIN L7//2.4e-44:206:47//MUS MUSCULUS (MOUSE)//P14148
 F-HEMBA1006653
 15 F-HEMBA1006659
 F-HEMBA1006665//LINE-1 REVERSE TRANSCRIPTASE HOMOLOG//0.018:43:58//HOMO SAPIENS (HU-
 MAN)//P08547
 F-HEMBA1006674//TRANSCRIPTION INITIATION FACTOR TFIID 135 KD SUBUNIT (TAFII-135) (TAFII135)
 (TAFII-130) (TAFII130)//2.9e-05:154:33//HOMO SAPIENS (HUMAN)//O00268
 20 F-HEMBA1006676//HYPOTHETICAL PROLINE-RICH PROTEIN (FRAGMENT)//3.6e-09:52:51//OWENIA FUSI-
 FORMIS//P21260
 F-HEMBA1006682
 F-HEMBA1006695/////ALU SUBFAMILY J WARNING ENTRY /////2.1e-06:35:65//HOMO SAPIENS (HUMAN)//
 P39188
 25 F-HEMBA1006696
 F-HEMBA1006708//HYPOTHETICAL 46.4 KD TRP-ASP REPEATS CONTAINING PROTEIN IN PMC1-TFG2
 INTERGENIC REGION//3.4e-19:104:45//SACCHAROMYCES CEREVISIAE (BAKER'S YEAST)//P53196
 F-HEMBA1006709//RETINOIC ACID RECEPTOR RXR-BETA//0.24:111:36//HOMO SAPIENS (HUMAN)//
 P28702
 30 F-HEMBA1006717
 F-HEMBA1006737//ANKYRIN, BRAIN VARIANT 2 (ANKYRIN B) (ANKYRIN, NONERYTHROID) (FRAGMENT)//
 5.8e-09:111:40//HOMO SAPIENS (HUMAN)//Q01485
 F-HEMBA1006744/////ALU SUBFAMILY SB2 WARNING ENTRY /////1.8e-32:84:78//HOMO SAPIENS (HU-
 MAN)//P39191
 35 F-HEMBA1006754//LINE-1 REVERSE TRANSCRIPTASE HOMOLOG//1.3e-75:220:62//HOMO SAPIENS (HU-
 MAN)//P08547
 F-HEMBA1006758//VASCULAR ENDOTHELIAL-CADHERIN, PRECURSOR (VECADHERIN) (CADHERIN-5)
 (7B4 ANTIGEN) (CD144 ANTIGEN)//0.024:110:29//HOMO SAPIENS (HUMAN)//P33151
 F-HEMBA1006767
 40 F-HEMBA1006779//MITOCHONDRIAL RIBOSOMAL PROTEIN S12//0.67:19:42//LEISHMANIA TARENTOLAE
 (SAUROLEISHMANIA TARENTOLAE)//Q34940
 F-HEMBA1006780
 F-HEMBA1006789//PROLINE-RICH PROTEIN MP-3 (FRAGMENT)//0.056:98:30//MUS MUSCULUS
 (MOUSE)//P05143
 45 F-HEMBA1006795//LINE-1 REVERSE TRANSCRIPTASE HOMOLOG//2.9e-11:143:30//NYCTICEBUS COU-
 CANG (SLOW LORIS)//P08548
 F-HEMBA1006796//WISKOTT-ALDRICH SYNDROME PROTEIN HOMOLOG (WASP)//0.16:38:42//MUS MUS-
 CULUS (MOUSE)//P70315
 F-HEMBA1006807//HYPOTHETICAL 46.4 KD PROTEIN T16H12.5 IN CHROMOSOME III//4.4e-75:184:77//
 50 CAENORHABDITIS ELEGANS//P34568
 F-HEMBA1006821/////ALU SUBFAMILY SQ WARNING ENTRY /////0.011:20:85//HOMO SAPIENS (HUMAN)//
 P39194
 F-HEMBA1006824//PROTEIN B11//0.44:27:44//VACCINIA VIRUS (STRAIN WR)//Q01229
 F-HEMBA1006832//HYPOTHETICAL 34.6 KD PROTEIN C13G5.2 IN CHROMOSOME III//1.0:46:36//
 55 CAENORHABDITIS ELEGANS//P34327
 F-HEMBA1006849
 F-HEMBA1006865//ACROSIN INHIBITORS IIA AND IIB (BUSI-II)//1.0:41:31//BOS TAURUS (BOVINE)//P01001
 F-HEMBA1006877//OXYSTEROL-BINDING PROTEIN//3.7e-26:239:36//ORYCTOLAGUS CUNICULUS (RAB-

BIT//P16258
 F-HEMBA1006885//HYPOTHETICAL 27.2 KD PROTEIN F09E5.8 IN CHROMOSOME II//4.5e-38:185:43//
 CAENORHABDITIS ELEGANS//P52057
 F-HEMBA1006900
 5 F-HEMBA1006914//UBIQUITIN-ACTIVATING ENZYME E1-LIKE (POLYMERASE-INTERACTING PROTEIN 2)//
 5.2e-27:269:33//SACCHAROMYCES CEREVISIAE (BAKER'S YEAST)//P52488
 F-HEMBA1006921//CYTOTOXIN 3 (COMPONENT 3.20)//0.99:32:37//NAJA MELANOLEUCA (FOREST CO-
 BRA) (BLACK-LIPPED COBRA)//P01473
 F-HEMBA1006926//ATROPHIN-1 (DENTATORUBRAL-PALLIDOLUYSIAN ATROPHY PROTEIN)//0.0024:148:
 10 33//RATTUS NORVEGICUS (RAT)//P54258
 F-HEMBA1006929//HYPOTHETICAL PROTEIN MJ0525//0.95:35:20//METHANOCOCCUS JANNASCHII//
 Q57945
 F-HEMBA1006936//SALIVARY ACIDIC PROLINE-RICH PHOSPHOPROTEIN 1/2 PRECURSOR (PRP-1 / PRP-
 3) (PRP-2 / PRP-4) (PIF-F / PIF-S) (PROTEIN A / PROTEIN C)[CONTAINS: PEPTIDE P-C]//0.074:116:31//HOMO
 15 SAPIENS (HUMAN)//P02810
 F-HEMBA1006938
 F-HEMBA1006941//THIOREDOXIN H-TYPE 1 (TRX-H1)//2.1e-13:90:33//NICOTIANA TABACUM (COMMON
 TOBACCO)//P29449
 F-HEMBA1006949
 20 F-HEMBA1006973//COLLAGEN ALPHA 1(XII) CHAIN (FRAGMENTS)//0.75:29:55//BOS TAURUS (BOVINE)//
 P25508
 F-HEMBA1006976//CMP-N-ACETYLNEURAMINATE-BETA-GALACTOSAMIDE-ALPHA-2,3-SIALYLTRANS-
 FERASE (EC 2.4.99.-) (BETA-GALACTOSIDE ALPHA-2,3-SIALYLTRANSFERASE) (ST3GALIII) (ALPHA 2,3-ST)
 (GAL-NAC6S) (STZ) (SIAT4-C) (SAT-3) (ST-4)//3.9e-108:117:95//HOMO SAPIENS (HUMAN)//Q11206
 25 F-HEMBA1006993
 F-HEMBA1006996//HYPOTHETICAL 8.7 KD PROTEIN IN RPL22-RPL23 INTERGENIC REGION (ORF70)//
 0.12:51:33//ASTASIA LONGA (EUGLENOPHYCEAN ALGA)//P34779
 F-HEMBA1007002//PLATELET GLYCOPROTEIN IX PRECURSOR (GP1X) (CD42A)//0.00096:60:33//HOMO SA-
 PIENS (HUMAN)//P14770
 30 F-HEMBA1007017//HYPOTHETICAL 7.2 KD PROTEIN IN CYAY-DAPF INTERGENIC REGION//1.0:25:56//ES-
 CHERICHIA COLI//P39166
 F-HEMBA1007018//DYNEIN LIGHT INTERMEDIATE CHAIN,1, CYTOSOLIC (LIC57/59) (DYNEIN LIGHT CHAIN
 A) (DLC-A)//8.5e-120:278:80//GALLUS GALLUS (CHICKEN)//Q90828
 F-HEMBA1007045//SKIN SECRETORY PROTEIN XP2 PRECURSOR (APEG PROTEIN)//2.1e-12:158:29//
 35 XENOPUS LAEVIS (AFRICAN CLAWED FROG)//P17437
 F-HEMBA1007051
 F-HEMBA1007052//60S RIBOSOMAL PROTEIN L37-B (L35) (YP55)//0.94:37:35//SACCHAROMYCES CERE-
 VISIAE (BAKER'S YEAST)//P51402
 F-HEMBA1007062//ATP SYNTHASE PROTEIN 8 (EC 3.6.1.34) (A6L)//0.93:55:29//RHINOCEROS UNICORNIS
 40 (GREATER INDIAN RHINOCEROS)//Q96063
 F-HEMBA1007066//ECLOSION HORMONE PRECURSOR (ECDYSIS ACTIVATOR) (EH)//0.58:49:38//BOM-
 BYX MORI (SILK MOTH)//P25331
 F-HEMBA1007073//PUTATIVE SMALL MEMBRANE PROTEIN (ORF 4)//0.86:46:34//CANINE ENTERIC
 CORONAVIRUS (STRAIN INSAVC-1) (CCV)//P36696
 45 F-HEMBA1007078//!!!! ALU SUBFAMILY SP WARNING ENTRY !!!!!//8.6e-29:56:67//HOMO SAPIENS (HUMAN)//
 P39193
 F-HEMBA1007080//SKIN SECRETORY PROTEIN XP2 PRECURSOR (APEG PROTEIN)//0.028:122:30//XENO-
 PUS LAEVIS (AFRICAN CLAWED FROG)//P17437
 F-HEMBA1007085//RTOA PROTEIN (RATIO-A)//7.4e-11:221:31//DICTYOSTELIUM DISCOIDEUM (SLIME
 50 MOLD)//P54681
 F-HEMBA1007087//HYPOTHETICAL PROTEIN MJ0162//3.3e-29:173:36//METHANOCOCCUS JANNASCHII//
 Q57626
 F-HEMBA1007112
 F-HEMBA1007113
 55 F-HEMBA1007121//INOSITOL POLYPHOSPHATE 1-PHOSPHATASE (EC 3.1.3.57) (IPP)//5.4e-07:90:28//HO-
 MO SAPIENS (HUMAN)//P49441
 F-HEMBA1007129//HIRUSTASIN//0.88:37:32//HIRUDO MEDICINALIS (MEDICINAL LEECH) //P80302
 F-HEMBA1007147//HYPOTHETICAL 12.0 KD PROTEIN IN DST1-HEM2 INTERGENIC REGION//0.92:23:34//

SACCHAROMYCES CEREVISIAE (BAKER'S YEAST)//P53182
 F-HEMBA1007149//BACTERIOCIN MICROCIN B17 PRECURSOR (MCB17)//0.0078:17:70//ESCHERICHIA COLI//P05834
 5 F-HEMBA1007151//WDNM1 PROTEIN PRECURSOR//0.25:45:37//MUS MUSCULUS (MOUSE)//Q62477
 F-HEMBA1007174//HYPOTHETICAL 45.1 KD PROTEIN IN RPS5-ZMS1 INTERGENIC REGION//6.9e-18:97:47//SACCHAROMYCES CEREVISIAE (BAKER'S YEAST)//P47160
 F-HEMBA1007178//!!!! ALU SUBFAMILY SX WARNING ENTRY!!!!/9.8e-06:38:65//HOMO SAPIENS (HUMAN)//P39195
 10 F-HEMBA1007194//GLUCOSE-6-PHOSPHATE 1-DEHYDROGENASE, CHOLOROPLAST ISOFORM PRECURSOR (EC 1.1.1.49) (G6PD)//1.0:80:32//NICOTIANA TABACUM (COMMON TOBACCO)//Q43793
 F-HEMBA1007203//PROTEIN A22//1.0:115:26//VARIOLA VIRUS//P33845
 F-HEMBA1007206
 F-HEMBA1007224//HYPOTHETICAL 35.7 KD PROTEIN C41C4.6 IN CHROMOSOME II//2.4e-05:92:30//CAENORHABDITIS ELEGANS//Q09275
 15 F-HEMBA1007243//HYPOXANTHINE-GUANINE PHOSPHORIBOSYLTRANSFERASE (EC 2.4.2.8) (HGPRT) (HGPRTASE) (HPRT B)//3.1e-74:205:67//MUS MUSCULUS (MOUSE)//P00493
 F-HEMBA1007251//VITELLINE MEMBRANE PROTEIN VM26AB PRECURSOR (PROTEIN TU-4) (PROTEIN SV23)//0.52:108:30//DROSOPHILA MELANOGASTER (FRUIT-FLY)//P13238
 F-HEMBA1007256
 20 F-HEMBA1007267//CALICIN (FRAGMENT)//0.060:88:31//HOMO SAPIENS (HUMAN)//Q13939
 F-HEMBA1007273//HYPOTHETICAL 8.1 KD PROTEIN (ORF65)//0.95:40:37//GUILLARDIA THETA (CRYPTOMONAS PHI)//O78421
 F-HEMBA1007279//!!!! ALU SUBFAMILY J WARNING ENTRY!!!!/4.6e-24:98:64//HOMO SAPIENS (HUMAN)//P39188
 25 F-HEMBA1007281
 F-HEMBA1007288//HYPOTHETICAL 13.5 KD PROTEIN IN ZMS1-MNS1 INTERGENIC REGION//0.88:11:54//SACCHAROMYCES CEREVISIAE (BAKER'S YEAST)//P47162
 F-HEMBA1007300//CGMP-SPECIFIC 3',5'-CYCLIC PHOSPHODIESTERASE (EC 3.1.4.17) (CGB-PDE)//2.7e-43:220:41//BOS TAURUS (BOVINE)//Q28156
 30 F-HEMBA1007301//PROCOLLAGEN ALPHA 1(III) CHAIN PRECURSOR//3.3e-22:115:33//HOMO SAPIENS (HUMAN)//P02461
 F-HEMBA1007319
 F-HEMBA1007320//HYPOTHETICAL 28.0 KD PROTEIN IN GLOB-RNHA INTERGENIC REGION//1.0:48:37//ESCHERICHIA COLI//P75672
 35 F-HEMBA1007322//THREONINE DEHYDRATASE OPERON ACTIVATOR PROTEIN//1.0:59:33//ESCHERICHIA COLI//P11866
 F-HEMBA1007327
 F-HEMBA1007341//!!!! ALU SUBFAMILY J WARNING ENTRY!!!!/9.1e-12:37:62//HOMO SAPIENS (HUMAN)//P39188
 40 F-HEMBA1007342//PROBABLE E5 PROTEIN//0.89:96:29//PYGMY CHIMPANZEE PAPILLOMAVIRUS TYPE 1//Q02268
 F-HEMBA1007347//INSULIN-LIKE GROWTH FACTOR BINDING PROTEIN 2 PRECURSOR (IGFBP-2) (IBP-2) (IGF-BINDING PROTEIN 2)//0.92:62:43//OVIS ARIES (SHEEP)//Q29400
 F-HEMBA1000005//WEAK NEUROTOXIN 5//0.98:30:33//NAJA NAJA (INDIAN COBRA)//P29179
 45 F-HEMBA1000008//!!!! ALU SUBFAMILY SX WARNING ENTRY!!!!/2.7e-35:73:84//HOMO SAPIENS (HUMAN)//P39195
 F-HEMBA1000018//HYPOTHETICAL BHLF1 PROTEIN//0.39:90:37//EPSTEIN-BARR VIRUS (STRAIN B95-8) (HUMAN HERPESVIRUS 4)//P03181
 F-HEMBA1000024//VIRE LOCUS 9 KD VIRULENCE PROTEIN//0.66:36:41//AGROBACTERIUM TUMEFA-CIENS//P08061
 50 F-HEMBA1000025//MUSCARINIC TOXIN ALPHA (MT-ALPHA)//0.46:32:40//DENDROASPIS POLYLEPIS POLYLEPIS (BLACK MAMBA)//P80494
 F-HEMBA1000030//SUPPRESSOR PROTEIN SRP40//6.7e-07:50:52//SACCHAROMYCES CEREVISIAE (BAKER'S YEAST)//P32583
 55 F-HEMBA1000036//HYPOTHETICAL 43.2 KD PROTEIN C34E10.1 IN CHROMOSOME III//2.5e-07:120:29//CAENORHABDITIS ELEGANS//P46576
 F-HEMBA1000037//HYPOTHETICAL 59.9 KD PROTEIN IN SGA1-KTR7 INTERGENIC REGION//1.7e-05:71:29//SACCHAROMYCES CEREVISIAE (BAKER'S YEAST)//P40492

F-HEMBB1000039//VERY HYPOTHETICAL 11.9 KD PROTEIN C4H3.12C IN CHROMOSOME I//1.0:61:21//
 SCHIZOSACCHAROMYCES POMBE (FISSION YEAST)//Q10219
 F-HEMBB1000044
 5 F-HEMBB1000048//HYPOTHETICAL 15.7 KD PROTEIN IN IDH-DEOR INTERGENIC REGION//1.0:63:31//BA-
 CILLUS SUBTILIS//P54942
 F-HEMBB1000050//!!!! ALU SUBFAMILY SQ WARNING ENTRY !!!!!/9.0e-14:34:79//HOMO SAPIENS (HU-
 MAN)//P39194
 F-HEMBB1000054//!!!! ALU SUBFAMILY SP WARNING ENTRY !!!!!/5.9e-31:45:73//HOMO SAPIENS (HUMAN)//
 P39193
 10 F-HEMBB1000055//MUSCARINIC TOXIN ALPHA (MT-ALPHA)//1.0:14:57//DENDROASPIS POLYLEPIS
 POLYLEPIS (BLACK MAMBA)//P80494
 F-HEMBB1000059//!!!! ALU SUBFAMILY SX WARNING ENTRY !!!!!/1.0e-21:82:59//HOMO SAPIENS (HUMAN)//
 P39195
 15 F-HEMBB1000083//CHROMOGRANIN A PRECURSOR (CGA) [CONTAINS: PANCREASTATIN; BETA-GRANIN;
 WE-14]//0.87:172:28//RATTUS NORVEGICUS (RAT)//P10354
 F-HEMBB1000089//HYPOTHETICAL 9.5 KD PROTEIN IN SPEA-METK INTERGENIC REGION (F83)//1.0:42:
 33//ESCHERICHIA COLI//P46879
 F-HEMBB1000099//!!!! ALU SUBFAMILY SB WARNING ENTRY !!!!!/7.7e-08:31:87//HOMO SAPIENS (HUMAN)//
 P39189
 20 F-HEMBB1000103//LINE-1 REVERSE TRANSCRIPTASE HOMOLOG//1.4e-38:136:58//HOMO SAPIENS (HU-
 MAN)//P08547
 F-HEMBB1000113//!!!! ALU SUBFAMILY J WARNING ENTRY !!!!!/3.9e-13:57:64//HOMO SAPIENS (HUMAN)//
 P39188
 F-HEMBB1000119//MAF PROTEIN//3.6e-32:195:43//BACILLUS SUBTILIS//Q02169
 25 F-HEMBB1000136//HYPOTHETICAL 12.7 KD PROTEIN IN PCS60-ABD1 INTERGENIC REGION//0.65:71:32//
 SACCHAROMYCES CEREVISIAE (BAKER'S YEAST)//P38327
 F-HEMBB1000141//B-CELL GROWTH FACTOR PRECURSOR (BCGF-12 KD)//0.00014:34:64//HOMO SAPI-
 ENS (HUMAN)//P20931
 30 F-HEMBB1000144//!!!! ALU SUBFAMILY SB2 WARNING ENTRY !!!!!/2.0e-26:81:69//HOMO SAPIENS (HU-
 MAN)//P39191
 F-HEMBB1000173//!!!! ALU SUBFAMILY J WARNING ENTRY !!!!!/9.2e-29:91:71//HOMO SAPIENS (HUMAN)//
 P39188
 F-HEMBB1000175//ANTIMICROBIAL PEPTIDE ENAP-1 (FRAGMENT)//0.97:41:36//EQUUS CABALLUS
 (HORSE)//P80930
 35 F-HEMBB1000198//HYPOTHETICAL 7.7 KD PROTEIN YCF33 (ORF67)//0.91:21:52//PORPHYRA PURPU-
 REA//P51329
 F-HEMBB1000215//!!!! ALU SUBFAMILY SC WARNING ENTRY !!!!!/3.4e-08:39:76//HOMO SAPIENS (HUMAN)//
 P39192
 40 F-HEMBB1000217//DNA DAMAGE TOLERANCE PROTEIN RHC31 (RAD31 HOMOLOG)//2.9e-32:174:40//
 SACCHAROMYCES CEREVISIAE (BAKER'S YEAST)//Q06624
 F-HEMBB1000218//ATP SYNTHASE PROTEIN 8 (EC 3.6.1.34) (A6L)//0.73:31:38//MICROTUS PENNSYLVAN-
 ICUS (MEADOW VOLE)//P24949
 F-HEMBB1000226//HYPOTHETICAL 37.0 KD PROTEIN B0495.8 IN CHROMOSOME II//6.5e-26:191:34//
 CAENORHABDITIS ELEGANS//Q09217
 45 F-HEMBB1000240
 F-HEMBB1000244//!!!! ALU SUBFAMILY J WARNING ENTRY !!!!!/1.9e-05:44:61//HOMO SAPIENS (HUMAN)//
 P39188
 F-HEMBB1000250
 F-HEMBB1000258
 50 F-HEMBB1000264//CUTICLE COLLAGEN SQT-1//0.15:89:33//CAENORHABDITIS ELEGANS//P12114
 F-HEMBB1000266//TRANSLATION INITIATION FACTOR IF-2//2.7e-06:167:22//SACCHAROMYCES CEREVI-
 SIAE (BAKER'S YEAST)//P39730
 F-HEMBB1000272//CYTOCHROME C OXIDASE POLYPEPTIDE VIB (EC 1.9.3.1) (AED)//0.75:30:43//BOS TAU-
 RUS (BOVINE)//P00429
 55 F-HEMBB1000274//CORNIFIN (SMALL PROLINE-RICH PROTEIN I) (SPR-I) (SMALL PROLINE-RICH SQUA-
 MOUS CELL MARKER) (SPRP)//1.0:38:36//SUS SCROFA (PIG)//P35323
 F-HEMBB1000284//CALTRIN (CALCIUM TRANSPORT INHIBITOR)//1.0:56:30//MUS MUSCULUS (MOUSE)//
 Q09098

F-HEM BB1000307
 F-HEM BB1000312
 F-HEM BB1000317//THROMBOSPONDIN 1 PRECURSOR//3.2e-32:135:43//HOMO SAPIENS (HUMAN)//
 P07996
 5 F-HEM BB1000318//PUTATIVE SMALL MEMBRANE PROTEIN (NONSTRUCTURAL PROTEIN NS3) (NON-
 STRUCTURAL 9.5 KD PROTEIN)//0.41:51:31//HUMAN CORONAVIRUS (STRAIN OC43)//Q04854
 F-HEM BB1000335//ZINC FINGER PROTEIN 13 (ZFP-13) (KROX-8 PROTEIN) (FRAGMENT)//0.82:33:45//MUS
 MUSCULUS (MOUSE)//P10754
 F-HEM BB1000336//ALDEHYDE OXIDASE (EC 1.2.3.1) (FRAGMENTS)//0.80:44:40//ORYCTOLAGUS CUNIC-
 10 ULUS (RABBIT)//P80456
 F-HEM BB1000337//SPLICING FACTOR, ARGININE/SERINE-RICH 4 (PRE-MRNA SPLICING FACTOR
 SRP75)//0.94:118:22//HOMO SAPIENS (HUMAN)//Q08170
 F-HEM BB1000338//MALE SPECIFIC SPERM PROTEIN MST84DA//0.042:33:39//DROSOPHILA MELA-
 NOGASTER (FRUIT FLY)//Q01642
 15 F-HEM BB1000339//!!!! ALU SUBFAMILY J WARNING ENTRY !!!!!//2.2e-14:54:55//HOMO SAPIENS (HUMAN)//
 P39188
 F-HEM BB1000341//GENE 74 PROTEIN (GP74)//1.0:39:33//MYCOBACTERIOPHAGE L5//Q05289
 F-HEM BB1000343
 F-HEM BB1000354//!!!! ALU SUBFAMILY J WARNING ENTRY !!!!!//1.1e-15:83:56//HOMO SAPIENS (HUMAN)//
 20 P39188
 F-HEM BB1000369//PROTEIN Q300//0.99:27:40//MUS MUSCULUS (MOUSE)//Q02722
 F-HEM BB1000374//!!!! ALU SUBFAMILY SB WARNING ENTRY !!!!!//4.7e-34:56:78//HOMO SAPIENS (HUMAN)//
 P39189
 F-HEM BB1000376
 25 F-HEM BB1000391//COLLAGEN ALPHA 1(XII) CHAIN (FRAGMENTS)//0.0013:79:35//BOS TAURUS (BO-
 VINE)//P25508
 F-HEM BB1000399//CHECKPOINT PROTEIN RAD17//2.8e-15:187:31//SCHIZOSACCHAROMYCES POMBE
 (FISSION YEAST)//P50531
 F-HEM BB1000402//NADH-UBIQUINONE OXIDOREDUCTASE CHAIN 5 (EC 1.6.5.3) (FRAGMENT)//0.027:60:
 30 38//LEISHMANIA TARENTOLAE (SAUROLEISHMANIA TARENTOLAE)//P15583
 F-HEM BB1000404//CYANELLE 50S RIBOSOMAL PROTEIN L28//0.94:29:27//CYANOPHORA PARADOXA//
 P48129
 F-HEM BB1000420//SPICEOSOME ASSOCIATED PROTEIN 49 (SAP 49) (SF3B53)//0.023:97:35//HOMO SA-
 PIENS (HUMAN)//Q15427
 35 F-HEM BB1000434//!!!! ALU SUBFAMILY SQ WARNING ENTRY !!!!!//4.8e-20:111:54//HOMO SAPIENS (HU-
 MAN)//P39194
 F-HEM BB1000438//HYPOTHETICAL 7.9 KD PROTEIN IN GP55-NRDG INTERGENIC REGION//0.93:24:50//
 BACTERIOPHAGE T4//P07076
 F-HEM BB1000441//!!!! ALU SUBFAMILY J WARNING ENTRY !!!!!//4.4e-23:85:70//HOMO SAPIENS (HUMAN)//
 40 P39188
 F-HEM BB1000449//!!!! ALU SUBFAMILY SX WARNING ENTRY !!!!!//0.88:27:51//HOMO SAPIENS (HUMAN)//
 P39195
 F-HEM BB1000455
 F-HEM BB1000472
 45 F-HEM BB1000480//PROTEIN STBC//1.0:52:30//ESCHERICHIA COLI//P11905
 F-HEM BB1000487//SHORT NEUROTOXIN 1 (NEUROTOXIN ALPHA) (NEUROTOXIN II)//0.93:29:34//NAJA
 OXIANA (CENTRAL ASIAN COBRA) (OXUS COBRA)//P01427
 F-HEM BB1000490//!!!! ALU SUBFAMILY SX WARNING ENTRY !!!!!//2.3e-16:50:80//HOMO SAPIENS (HUMAN)//
 P39195
 50 F-HEM BB1000491
 F-HEM BB1000493//3A PROTEIN//1.0:51:35//AVIAN INFECTIOUS BRONCHITIS VIRUS (STRAIN BEAU-
 DETTE) (IBV)//P30237
 F-HEM BB1000510//LINE-1 REVERSE TRANSCRIPTASE HOMOLOG//9.7e-27:132:45//HOMO SAPIENS (HU-
 MAN)//P08547
 55 F-HEM BB1000518//CYTOCHROME C OXIDASE POLYPEPTIDE III (EC 1.9.3.1)//0.021:47:40//LEISHMANIA
 TARENTOLAE (SAUROLEISHMANIA TARENTOLAE)//P14546
 F-HEM BB1000523
 F-HEM BB1000530//COLLAGEN ALPHA 1(XIV) CHAIN PRECURSOR (UNDULIN)//9.8e-14:43:83//GALLUS

GALLUS (CHICKEN)//P32018
 F-HEM BB1000550//NADH-UBIQUINONE OXIDOREDUCTASE CHAIN 5 (EC 1.6.5.3)//0.19:97:30//TRYPA-
 SOMA BRUCEI BRUCEI//P04540
 5 F-HEM BB1000554//MATERNAL B9.10 PROTEIN (P30 B9.10)//0.94:82:25//XENOPUS LAEVIS (AFRICAN
 CLAWED FROG)//P40744
 F-HEM BB1000556//TRANSCRIPTION INITIATION FACTOR TFII D 135 KD SUBUNIT (TAFII-135) (TAFII135)
 (TAFII-130) (TAFII130)//0.043:201:29//HOMO SAPIENS (HUMAN)//000268
 F-HEM BB1000564//ATP SYNTHASE PROTEIN 8 (EC 3.6.1.34) (A6L)//1.0:5:2:34//METRIDIVM SENILE
 (BROWN SEA ANEMONE) (FRILLED SEA ANEMONE)//047493
 10 F-HEM BB1000573//!!!! ALU SUBFAMILY SB2 WARNING ENTRY !!!!!/2.3e-10:52:73//HOMO SAPIENS (HU-
 MAN)//P39191
 F-HEM BB1000575//!!!! ALU SUBFAMILY SC WARNING ENTRY !!!!!/1.8e-26:76:76//HOMO SAPIENS (HUMAN)//
 P39192
 F-HEM BB1000586//NADH-UBIQUINONE OXIDOREDUCTASE MLRQ SUBUNIT (EC 1.6.5.3) (EC 1.6.99.3)
 15 (COMPLEX I-MLRQ) (CI-MLRQ)//0.74:23:52//HOMO SAPIENS (HUMAN)//000483
 F-HEM BB1000589//!!!! ALU SUBFAMILY SP WARNING ENTRY !!!!!/2.9e-25:61:75//HOMO SAPIENS (HUMAN)//
 P39193
 F-HEM BB1000591//ATP SYNTHASE PROTEIN 8 (EC 3.6.1.34) (A6L)//1.0:34:35//PETROMYZON MARINUS
 (SEA LAMPREY)//Q35537
 20 F-HEM BB1000592//SMALL PROLINE-RICH PROTEIN 2-1//0.0016:49:42//HOMO SAPIENS (HUMAN)//P35326
 F-HEM BB1000593//COLLAGEN ALPHA 1(III) CHAIN (FRAGMENTS)//0.0070:189:32//GALLUS GALLUS
 (CHICKEN)//P12105
 F-HEM BB1000598//LINE-1 REVERSE TRANSCRIPTASE HOMOLOG//5.7e-10:110:41//NYCTICEBUS COU-
 CANG (SLOW LORIS)//P08548
 25 F-HEM BB1000623//HYPOTHETICAL 54.9 KD PROTEIN C02F5.7 IN CHROMOSOME III//0.0022:98:28//
 CAENORHABDITIS ELEGANS//P34284
 F-HEM BB1000630
 F-HEM BB1000631//ALPHA-2C-1 ADRENERGIC RECEPTOR (ALPHA-2C-1 ADRENOCEPTOR) (SUBTYPE
 C4)//8.8e-06:59:40//HOMO SAPIENS (HUMAN)//P18825
 30 F-HEM BB1000632//GUANINE NUCLEOTIDE RELEASING PROTEIN (GNRP)//7.3e-13:173:28//MUS MUSCU-
 LUS (MOUSE)//P27671
 F-HEM BB1000637//!!!! ALU SUBFAMILY SP WARNING ENTRY !!!!!/4.6e-41:94:82//HOMO SAPIENS (HUMAN)//
 P39193
 F-HEM BB1000638//INVOLUCRIN//1.9e-06:144:29//HOMO SAPIENS (HUMAN)//P07476
 35 F-HEM BB1000643//!!!! ALU SUBFAMILY SX WARNING ENTRY !!!!!/8.3e-30:77:76//HOMO SAPIENS (HUMAN)//
 P39195
 F-HEM BB1000649//!!!! ALU SUBFAMILY SB WARNING ENTRY !!!!!/2.5e-37:58:81//HOMO SAPIENS (HUMAN)//
 P39189
 F-HEM BB1000652//!!!! ALU SUBFAMILY SP WARNING ENTRY !!!!!/2.2e-37:61:77//HOMO SAPIENS (HUMAN)//
 40 P39193
 F-HEM BB1000665//HYPOTHETICAL PROTEIN BBD24//0.83:38:36//BORRELIA BURGDORFERI (LYME DIS-
 EASE SPIROCHETE)//P70845
 F-HEM BB1000671//LINE-1 REVERSE TRANSCRIPTASE HOMOLOG//6.8e-51:74:71//HOMO SAPIENS (HU-
 MAN)//P08547
 45 F-HEM BB1000673//HEAT-STABLE ENTEROTOXIN A3/A4 PRECURSOR (STA3/STA4) (ST-IB) (ST-H)//0.012:
 37:37//ESCHERICHIA COLI//P07965
 F-HEM BB1000684//!!!! ALU SUBFAMILY SP WARNING ENTRY !!!!!/3.1e-21:66:72//HOMO SAPIENS (HUMAN)//
 P39193
 F-HEM BB1000693//HUNTINGTIN ASSOCIATED PROTEIN 1 (HAP1)//5.2e-26:121:49//RATTUS NORVEGICUS
 50 (RAT)//P54256
 F-HEM BB1000705
 F-HEM BB1000706
 F-HEM BB1000709//HYPOTHETICAL 5.8 KD PROTEIN//1.0:29:44//CLOVER YELLOW MOSAIC VIRUS
 (CYMV)//P16485
 55 F-HEM BB1000725//RAS-RELATED PROTEIN RAB-8B//7.4e-105:205:98//RATTUS NORVEGICUS (RAT)//
 P70550
 F-HEM BB1000726//!!!! ALU SUBFAMILY SQ WARNING ENTRY !!!!!/1.4e-25:85:70//HOMO SAPIENS (HU-
 MAN)//P39194

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F-HEM BB1000738//50S RIBOSOMAL PROTEIN L33//1.0:41:31//THERMUS AQUATICUS (SUBSP. THER-
 MOPHILUS)//P35871
 F-HEM BB1000749//!!!! ALU SUBFAMILY SQ WARNING ENTRY !!!!!/1.3e-29:42:85//HOMO SAPIENS (HU-
 MAN)//P39194
 5 F-HEM BB1000763//NIFU PROTEIN//0.089:63:36//FRANKIA ALNI//P46045
 F-HEM BB1000770//CALTRIN-LIKE PROTEIN II//0.98:13:69//CAVIA PORCELLUS (GUINEA PIG)//P22075
 F-HEM BB1000774//HIGH MOBILITY GROUP PROTEIN HMG-Y//0.029:53:32//MUS MUSCULUS (MOUSE)//
 P17095
 F-HEM BB1000781//MAPK/ERK KINASE KINASE 2 (EC 2.7.1.) (MEK KINASE 2) (MEKK 2)//3.5e-75:144:98//
 10 MUS MUSCULUS (MOUSE)//Q61083
 F-HEM BB1000789//PUTATIVE 90.2 KD ZINC FINGER PROTEIN IN CCA1-ADK2 INTERGENIC REGION//2.6e-
 49:232:43//SACCHAROMYCES CEREVISIAE (BAKER'S YEAST)//P39956
 F-HEM BB1000790//!!!! ALU SUBFAMILY J WARNING ENTRY !!!!!/2.9e-16:93:51//HOMO SAPIENS (HUMAN)//
 P39188
 15 F-HEM BB1000794
 F-HEM BB1000807//MUSCARINIC ACETYLCHOLINE RECEPTOR M3//0.54:111:27//GALLUS GALLUS (CHICK-
 EN)//P49578
 F-HEM BB1000810
 F-HEM BB1000821
 20 F-HEM BB1000822//HYPOTHETICAL 10 KD PROTEIN (ORF 6)//0.10:50:34//NARCISSUS MOSAIC VIRUS
 (NMV)//P15099
 F-HEM BB1000826//B-CELL GROWTH FACTOR PRECURSOR (BCGF-12 KD)//0.00025:73:39//HOMO SAPI-
 ENS (HUMAN)//P20931
 F-HEM BB1000827//HYPOTHETICAL 7.4 KD PROTEIN//0.89:23:52//THERMOPROTEUS TENAX VIRUS 1
 25 (STRAIN KRA1) (TTV1)//P19302
 F-HEM BB1000831//MALE SPECIFIC SPERM PROTEIN MST87F//0.98:35:40//DROSOPHILA MELA-
 NOGASTER (FRUIT FLY)//P08175
 F-HEM BB1000835//LINE-1 REVERSE TRANSCRIPTASE HOMOLOG//7.8e-31:96:46//HOMO SAPIENS (HU-
 MAN)//P08547
 30 F-HEM BB1000840//LINE-1 REVERSE TRANSCRIPTASE HOMOLOG//0.00012:102:36//NYCTICEBUS COU-
 CANG (SLOW LORIS)//P08548
 F-HEM BB1000848//LINE-1 REVERSE TRANSCRIPTASE HOMOLOG//7.3e-97:239:70//HOMO SAPIENS (HU-
 MAN)//P08547
 F-HEM BB1000852
 35 F-HEM BB1000870
 F-HEM BB1000876//METALLOTHIONEIN (MT)//0.99:14:64//PERCA FLUVIATILIS (PERCH)//P52725
 F-HEM BB1000883//HYPOTHETICAL 7.8 KD PROTEIN (ORF62)//0.34:60:33//GUILLARDIA THETA (CRYPTO-
 MONAS PHI)//O78459
 F-HEM BB1000887//HISTIDINE-RICH, METAL BINDING POLYPEPTIDE//1.0:26:42//HELICOBACTER PYLORI
 40 (CAMPYLOBACTER PYLORI)//Q48251
 F-HEM BB1000888
 F-HEM BB1000890
 F-HEM BB1000893
 F-HEM BB1000908//!!!! ALU SUBFAMILY J WARNING ENTRY !!!!!/0.0074:45:51//HOMO SAPIENS (HUMAN)//
 45 P39188
 F-HEM BB1000910//PROBABLE E5 PROTEIN//1.0:49:36//HUMAN PAPILLOMAVIRUS TYPE 58//P26552
 F-HEM BB1000913//!!!! ALU SUBFAMILY SX WARNING ENTRY !!!!!/0.29:56:46//HOMO SAPIENS (HUMAN)//
 P39195
 F-HEM BB1000915//CYTOCHROME B (EC 1.10.2.2)//2.5e-24:62:90//HOMO SAPIENS (HUMAN)//P00156
 50 F-HEM BB1000917//!!!! ALU SUBFAMILY SP WARNING ENTRY !!!!!/5.9e-26:53:66//HOMO SAPIENS (HUMAN)//
 P39193
 F-HEM BB1000927//NEURONAL CALCIUM SENSOR 1 (NCS-1) (FREQUENIN)//3.9e-44:182:45//XENOPUS
 LAEVIS (AFRICAN CLAWED FROG)//Q91614
 F-HEM BB1000947//SMALL PROLINE-RICH PROTEIN 2-1//0.24:69:27//HOMO SAPIENS (HUMAN)//P35326
 55 F-HEM BB1000959//!!!! ALU SUBFAMILY SX WARNING ENTRY !!!!!/3.0e-31:89:68//HOMO SAPIENS (HUMAN)//
 P39195
 F-HEM BB1000973//CONNECTIVE TISSUE GROWTH FACTOR PRECURSOR//0.96:66:36//BOS TAURUS (BO-
 VINE)//O18739

F-HEMBB1000975//HISTIDINE-RICH GLYCOPROTEIN PRECURSOR (HISTIDINE-PROLINE RICH GLYCO-
 PROTEIN) (HPRG)//0.00042:77:41//HOMO SAPIENS (HUMAN)//P04196
 F-HEMBB1000981
 F-HEMBB1000985//MIPP PROTEIN (MURINE IAP-PROMOTED PLACENTA-EXPRESSED PROTEIN)//1.0e-18:
 5 178:30//MUS MUSCULUS (MOUSE)//P28575
 F-HEMBB1000991
 F-HEMBB1000996//HYPOTHETICAL 10.1 KD PROTEIN IN RHSD-GCL INTERGENIC REGION (ORFD3)//0.58:
 34:35//ESCHERICHIA COLI//P33669
 F-HEMBB1001004//PROBABLE E4 PROTEIN//0.24:110:35//HUMAN PAPILLOMAVIRUS TYPE 5B//P26550
 10 F-HEMBB1001008
 F-HEMBB1001011//ZINC FINGER PROTEIN 7 (ZINC FINGER PROTEIN KOX4) (ZINC FINGER PROTEIN HF.
 16)//3.2e-17:104:47//HOMO SAPIENS (HUMAN)//P17097
 F-HEMBB1001014//EOTAXIN PRECURSOR (EOSINOPHIL CHEMOTACTIC PROTEIN)//1.0:58:39//RATTUS
 NORVEGICUS (RAT)//P97545
 15 F-HEMBB1001020/////ALU SUBFAMILY SB WARNING ENTRY !!!!!1.4e-07:36:75//HOMO SAPIENS (HUMAN)//
 P39189
 F-HEMBB1001024
 F-HEMBB1001037//FERREDOXIN//1.0:52:25//MOORELLA THERMOACETICA (CLOSTRIDIUM THER-
 MOACETICUM)//P00203
 20 F-HEMBB1001047
 F-HEMBB1001051//PROTEIN FAN (FACTOR ASSOCIATED WITH N-SMASE ACTIVATION)//3.4e-21:50:100//
 HOMO SAPIENS (HUMAN)//Q92636
 F-HEMBB1001056//HYPOTHETICAL 29.3 KD PROTEIN (ORF92)//0.0099:115:35//ORGYIA PSEUDOTSUGATA
 MULTICAPSID POLYHEDROSIS VIRUS (OPMNPV)//O10341
 25 F-HEMBB1001058/////ALU SUBFAMILY SC WARNING ENTRY !!!!!1.1e-33:95:76//HOMO SAPIENS (HUMAN)//
 P39192
 F-HEMBB1001060//HYPOTHETICAL 8.2 KD PROTEIN ZC21.7 IN CHROMOSOME III//1.0:38:36//
 CAENORHABDITIS ELEGANS//P34591
 F-HEMBB1001063
 30 F-HEMBB1001068
 F-HEMBB1001096//NOXIUSTOXIN (NTX) (TOXIN II.11)//0.99:36:38//CENTRUROIDES NOXIUS (MEXICAN
 SCORPION)//P08815
 F-HEMBB1001102//HYPOTHETICAL 72.5 KD PROTEIN C2F7.10 IN CHROMOSOME I//1.1e-27:115:36//
 SCHIZOSACCHAROMYCES POMBE (FISSION YEAST)//Q09701
 35 F-HEMBB1001105//CLASS II HISTOCOMPATIBILITY ANTIGEN, M ALPHA CHAIN PRECURSOR//0.80:70:40//
 HOMO SAPIENS (HUMAN)//P28067
 F-HEMBB1001112//PROTEIN TRANSPORT PROTEIN SEC61 ALPHA SUBUNIT//1.1e-126:287:85//RATTUS
 NORVEGICUS (RAT)//P38378
 F-HEMBB1001114//HYPOTHETICAL 9.6 KD PROTEIN (ORF2)//0.84:62:27//BACTERIOPHAGE L2//P42537
 40 F-HEMBB1001117
 F-HEMBB1001119//COLLAGEN ALPHA 1(XII) CHAIN PRECURSOR//1.6e-21:50:98//HOMO SAPIENS (HU-
 MAN)//Q99715
 F-HEMBB1001126//HYPOTHETICAL 55.9 KD PROTEIN EEED8.6 IN CHROMOSOME II//1.7e-50:184:53//
 CAENORHABDITIS ELEGANS//Q09296
 45 F-HEMBB1001133/////ALU SUBFAMILY SC WARNING ENTRY !!!!!1.4e-09:53:62//HOMO SAPIENS (HUMAN)//
 P39192
 F-HEMBB1001137//DNA-DIRECTED RNA POLYMERASE II LARGEST SUBUNIT (EC 2.7.7.6) (RPB1) (FRAG-
 MENT)//2.0e-05:206:27//CRICETULUS GRISEUS (CHINESE HAMSTER)//P11414
 F-HEMBB1001142/////ALU SUBFAMILY SP WARNING ENTRY !!!!!4.1e-05:46:56//HOMO SAPIENS (HUMAN)//
 50 P39193
 F-HEMBB1001151//HYPOTHETICAL 33.5 KD PROTEIN C1D4.02C IN CHROMOSOME I//2.3e-23:109:44//
 SCHIZOSACCHAROMYCES POMBE (FISSION YEAST)//Q10149
 F-HEMBB1001153//PROCOLLAGEN ALPHA 2(IV) CHAIN PRECURSOR//0.75:76:34//ASCARIS SUUM (PIG
 ROUNDWORM) (ASCARIS LUMBRICOIDES)//P27393
 55 F-HEMBB1001169/////ALU SUBFAMILY SX WARNING ENTRY !!!!!1.4e-16:71:59//HOMO SAPIENS (HUMAN)//
 P39195
 F-HEMBB1001175//ANKYRIN//3.2e-12:169:31//MUS MUSCULUS (MOUSE)//Q02357
 F-HEMBB1001177//PERIODIC TRYPTOPHAN PROTEIN 2 HOMOLOG//9.4e-07:148:27//HOMO SAPIENS (HU-

MAN)//Q15269
 F-HEM BB1001182//HYPOTHETICAL 36.0 KD PROTEIN//1.3e-09:110:31//SACCHAROMYCES CEREVISIAE
 (BAKER'S YEAST)//P54858
 F-HEM BB1001199
 5 F-HEM BB1001208//HYPOTHETICAL PROTEIN LAMBDA-SP5//0.053:23:47//MUS MUSCULUS (MOUSE)//
 P15974
 F-HEM BB1001209
 F-HEM BB1001210//HYPOTHETICAL PROTEIN LAMBDA-SP5//0.14:40:37//MUS MUSCULUS (MOUSE)//
 P15974
 10 F-HEM BB1001218//!!!! ALU SUBFAMILY SQ WARNING ENTRY !!!!!/3.4e-19:49:67//HOMO SAPIENS (HU-
 MAN)//P39194
 F-HEM BB1001221//CYTOCHROME C OXIDASE POLYPEPTIDE VIIA-LIVER PRECURSOR (EC 1.9.3.1)//0.11:
 44:38//HOMO SAPIENS (HUMAN)//P14406
 F-HEM BB1001234//65 KD YES-ASSOCIATED PROTEIN--(YAP65)//2.0e-45:192:53//MUS MUSCULUS
 15 (MOUSE)//P46938
 F-HEM BB1001242//HYPOTHETICAL 143.3 KD TRP-ASP REPEATS CONTAINING PROTEIN C12G12.13C IN
 CHROMOSOME I//5.5e-37:226:41//SCHIZOSACCHAROMYCES POMBE (FISSION YEAST)//Q09876
 F-HEM BB1001249//OXALOACETATE DECARBOXYLASE GAMMA CHAIN (EC 4.1.1.3)//1.0:23:43//KLEBSIEL-
 LA PNEUMONIAE//P13155
 20 F-HEM BB1001253//METALLOTHIONEIN-IH (MT-1H) (METALLOTHIONEIN-O) (MT-O)//0.14:16:43//HOMO SA-
 PIENS (HUMAN)//P80294
 F-HEM BB1001254//!!!! ALU SUBFAMILY SX WARNING ENTRY !!!!!/1.4e-12:40:75//HOMO SAPIENS (HUMAN)//
 P39195
 F-HEM BB1001267//!!!! ALU SUBFAMILY SP WARNING ENTRY !!!!!/1.0e-12:33:78//HOMO SAPIENS (HUMAN)//
 25 P39193
 F-HEM BB1001271//HYPOTHETICAL 25.1 KD PROTEIN B0302.5 IN CHROMOSOME X//1.0:58:37//
 CAENORHABDITIS ELEGANS//Q10928
 F-HEM BB1001282//ANKYRIN HOMOLOG PRECURSOR//9.5e-13:206:31//CHROMATIUM VINOSUM//Q06527
 F-HEM BB1001288//COPPER HOMEOSTASIS PROTEIN CUTC//4.6e-42:163:51//ESCHERICHIA COLI//
 30 P46719
 F-HEM BB1001289//HYPOTHETICAL PROTEIN ORF-1137//1.0e-05:106:26//MUS MUSCULUS (MOUSE)//
 P11260
 F-HEM BB1001294//GTP-BINDING PROTEIN TC10//1.3e-34:58:94//HOMO SAPIENS (HUMAN)//P17081
 F-HEM BB1001302//HOMEBOX PROTEIN CDX-2 (CAUDAL-TYPE HOMEBOX PROTEIN 2) (CDX-3)//0.24:
 35 49:46//HOMO SAPIENS (HUMAN)//Q99626
 F-HEM BB1001304//GLYCINE-RICH CELL WALL STRUCTURAL PROTEIN (CLONE W10-1) (FRAGMENT)//1.0:
 17:70//LYCOPERSICON ESCULENTUM (TOMATO)//Q01157
 F-HEM BB1001314//SALIVARY GLUE PROTEIN SGS-3 PRECURSOR//0.21:104:27//DROSOPHILA ERECTA
 (FRUIT FLY)//P13730
 40 F-HEM BB1001315//!!!! ALU SUBFAMILY SX WARNING ENTRY !!!!!/1.3e-24:53:71//HOMO SAPIENS (HUMAN)//
 P39195
 F-HEM BB1001317//HYPOTHETICAL 85.7 KD PROTEIN C13G6.03 IN CHROMOSOME I//0.24:90:31//
 SCHIZOSACCHAROMYCES POMBE (FISSION YEAST)//Q09782
 F-HEM BB1001326//HYPOTHETICAL PROTEIN LAMBDA-SP5//0.36:26:50//MUS MUSCULUS (MOUSE)//
 45 P15974
 F-HEM BB1001331//HYPOTHETICAL BHLF1 PROTEIN//1.0:127:33//EPSTEIN-BARR VIRUS (STRAIN B95-8)
 (HUMAN HERPESVIRUS 4)//P03181
 F-HEM BB1001335//ESCARGOT/SNAIL PROTEIN HOMOLOG (FRAGMENT)//0.85:44:29//SCIARA CO-
 PROPHILA (FUNGUS GNAT)//Q01799
 50 F-HEM BB1001337//!!!! ALU SUBFAMILY SQ WARNING ENTRY !!!!!/4.2e-20:62:62//HOMO SAPIENS (HU-
 MAN)//P39194
 F-HEM BB1001339//HYPOTHETICAL 17.3 KD PROTEIN CY1A11.16C//8.2e-07:123:34//MYCOBACTERIUM
 TUBERCULOSIS//Q50606
 F-HEM BB1001346//LINE-1 REVERSE TRANSCRIPTASE HOMOLOG//4.2e-14:60:45//HOMO SAPIENS (HU-
 55 MAN)//P08547
 F-HEM BB1001348//!!!! ALU SUBFAMILY J WARNING ENTRY !!!!!/5.6e-14:61:62//HOMO SAPIENS (HUMAN)//
 P39188
 F-HEM BB1001356

F-HEM BB1001364
 F-HEM BB1001366/HISTIDINE-RICH PROTEIN//0.87:26:42//PLASMODIUM FALCIPARUM (ISOLATE FCM17 /
 SENEGAL)//P14586
 5 F-HEM BB1001367//!!!! ALU SUBFAMILY SC WARNING ENTRY !!!!//8.6e-40:146:61//HOMO SAPIENS (HU-
 MAN)//P39192
 F-HEM BB1001369
 F-HEM BB1001380//!!!! ALU SUBFAMILY SP WARNING ENTRY !!!!//1.9e-25:49:83//HOMO SAPIENS (HUMAN)//
 P39193
 10 F-HEM BB1001384//BH3 INTERACTING DOMAIN DEATH AGONIST (BID)//0.80:95:29//MUS MUSCULUS
 (MOUSE)//P70444
 F-HEM BB1001387//PEA2 PROTEIN (PPF2 PROTEIN)//0.022:117:34//SACCHAROMYCES CEREVISIAE (BAK-
 ER'S YEAST)//P40091
 F-HEM BB1001394//ALPHA-ADAPTIN A (CLATHRIN ASSEMBLY PROTEIN COMPLEX 2 ALPHA-A LARGE
 15 CHAIN) (100 KD COATED VESICLE PROTEIN A) (PLASMA MEMBRANE ADAPTOR HA2/AP2 ADAPTIN ALPHA
 A SUBUNIT)//0.38:85:31//MUS MUSCULUS (MOUSE)//P17426
 F-HEM BB1001410
 F-HEM BB1001424//PHOTOSYSTEM II 4 KD REACTION CENTRE PROTEIN PRECURSOR//0.99:37:21//
 ORYZA SATIVA (RICE)//P12162
 20 F-HEM BB1001426//!!!! ALU SUBFAMILY SX WARNING ENTRY !!!!//0.0035:40:60//HOMO SAPIENS (HUMAN)//
 P39195
 F-HEM BB1001429//CYTOSOL AMINOPEPTIDASE (EC 3.4.11.1) (LEUCINE AMINOPEPTIDASE) (LAP) (LEU-
 CYL AMINOPEPTIDASE) (PROLINE AMINOPEPTIDASE) (EC 3.4.11.5) (PROLYL AMINOPEPTIDASE)//1.1e-
 99:21:86//BOS TAURUS (BOVINE)//P00727
 25 F-HEM BB1001436//!!!! ALU SUBFAMILY SX WARNING ENTRY !!!!//3.4e-30:57:78//HOMO SAPIENS (HUMAN)//
 P39195
 F-HEM BB1001443//[PYRUVATE DEHYDROGENASE (LIPOAMIDE)]-PHOSPHATASE PRECURSOR (PDP) (EC
 3.1.3.43) (PYRUVATE DEHYDROGENASE PHOSPHATASE, CATALYTIC SUBUNIT (PDPC))//2.5e-79:155:97//
 BOS TAURUS (BOVINE)//P35816
 F-HEM BB1001449
 30 F-HEM BB1001454//SALIVARY PROLINE-RICH PROTEIN PO (ALLELE M) [CONTAINS: PEPTIDE P-D] (FRAG-
 MENT)//1.1e-05:196:31//HOMO SAPIENS (HUMAN)//P10161
 F-HEM BB1001458//24 KD ANTIGEN (FRAGMENT)//0.94:18:50//PLASMODIUM CHABAUDI//P14592
 F-HEM BB1001463
 35 F-HEM BB1001464//PPF2L ANTIGEN (FRAGMENT)//1.0:45:28//PLASMODIUM FALCIPARUM (ISOLATE PALO
 ALTO / UGANDA)//P07765
 F-HEM BB1001482//GASTRULA ZINC FINGER PROTEIN XLGGF16.1 (FRAGMENT)//4.2e-10:37:43//XENO-
 PUS LAEVIS (AFRICAN CLAWED FROG)//P18712 F-HEM BB1001500
 F-HEM BB1001521//!!!! ALU SUBFAMILY J WARNING ENTRY !!!!//2.4e-39:59:72//HOMO SAPIENS (HUMAN)//
 P39188
 40 F-HEM BB1001527//HOMEBOX PROTEIN HOX-B5 (XLHBOX-4) (XHOX-1B) (FRAGMENT)//0.21:131:25//
 XENOPUS LAEVIS (AFRICAN CLAWED FROG)//P09019
 F-HEM BB1001531//GENE 32 PROTEIN (GP32)//0.88:95:30//MYCOBACTERIOPHAGE L5//Q05241
 F-HEM BB1001535//ATP SYNTHASE PROTEIN 8 (EC 3.6.1.34) (A6L)//1.0:31:38//LUMBRICUS TERRESTRIS
 (COMMON EARTHWORM)//Q34942
 45 F-HEM BB1001536
 F-HEM BB1001537//!!!! ALU SUBFAMILY SB2 WARNING ENTRY !!!!//0.0063:52:50//HOMO SAPIENS (HU-
 MAN)//P39191
 F-HEM BB1001555//!!!! ALU SUBFAMILY J WARNING ENTRY !!!!//4.9e-23:69:63//HOMO SAPIENS (HUMAN)//
 P39188
 50 F-HEM BB1001562//RABPHILIN-3A//0.087:147:27//RATTUS NORVEGICUS (RAT)//P47709
 F-HEM BB1001564//LINE-1 REVERSE TRANSCRIPTASE HOMOLOG//5.9e-27:107:54//HOMO SAPIENS (HU-
 MAN)//P08547
 F-HEM BB1001565//!!!! ALU SUBFAMILY SQ WARNING ENTRY !!!!//1.9e-12:51:54//HOMO SAPIENS (HU-
 MAN)//P39194
 55 F-HEM BB1001585
 F-HEM BB1001586
 F-HEM BB1001588//HYPOTHETICAL 12.3 KD PROTEIN IN GAP1-NAP1 INTERGENIC REGION//0.0031:31:48//
 SACCHAROMYCES CEREVISIAE (BAKER'S YEAST)//P36140

F-HEM BB1001603
 F-HEM BB1001618//RETROVIRUS-RELATED POL POLYPROTEIN [CONTAINS: REVERSE TRANSCRIPTASE
 (EC 2.7.7.49); ENDONUCLEASE]//0.00076:47:44//MUS MUSCULUS (MOUSE)//P11369
 5 F-HEM BB1001619//SMALL PROLINE RICH PROTEIN II (SPR-II) (CLONE 930)//1.0:52:32//HOMO SAPIENS
 (HUMAN)//P22531
 F-HEM BB1001630
 F-HEM BB1001635//METALLOTHIONEIN-LIKE PROTEIN TYPE 2 A//1.0:27:44//LYCOPERSICON ESCULEN-
 TUM (TOMATO)//Q40157
 10 F-HEM BB1001637//!!!! ALU SUBFAMILY J WARNING ENTRY !!!!//0.0042:26:73//HOMO SAPIENS (HUMAN)//
 P39188
 F-HEM BB1001641
 F-HEM BB1001653//SURVIVAL MOTOR NEURON PROTEIN 1//0.51:36:47//CANIS FAMILIARIS (DOG)//
 O02771
 15 F-HEM BB1001665//HOMEODOMAIN PROTEIN ENGRAILED-1 (HU-EN-1)//0.0030:135:34//HOMO SAPIENS (HU-
 MAN)//Q05925
 F-HEM BB1001668//PROBABLE 60S RIBOSOMAL PROTEIN L39//0.99:25:44//CAENORHABDITIS ELEGANS//
 P52814
 F-HEM BB1001673//HYPOTHETICAL 46.1 KD PROTEIN IN ERP5-ORC6 INTERGENIC REGION//0.0054:128:
 34//SACCHAROMYCES CEREVISIAE (BAKER'S YEAST)//P38823
 20 F-HEM BB1001684//SUPPRESSOR PROTEIN SRP40//0.56:81:34//SACCHAROMYCES CEREVISIAE (BAK-
 ER'S YEAST)//P32583
 F-HEM BB1001685//CYTOCHROME C OXIDASE POLYPEPTIDE VIII-HEART PRECURSOR (EC 1.9.3.1) (VIII B)
 (IX)//1.0:21:47//BOS TAURUS (BOVINE)//P10175
 25 F-HEM BB1001695//MYOSIN IC HEAVY CHAIN//8.9e-05:86:40//ACANTHAMOEBA CASTELLANII (AMOEBA)//
 P10569
 F-HEM BB1001704//!!!! ALU SUBFAMILY SX WARNING ENTRY !!!!//9.0e-08:35:71//HOMO SAPIENS (HUMAN)//
 P39195
 F-HEM BB1001706//CORNIFIN (SMALL PROLINE-RICH PROTEIN I) (SPR-I) (SMALL PROLINE-RICH SQUA-
 MOUS CELL MARKER) (SPRP)//0.91:39:41//SUS SCROFA (PIG)//P35323
 30 F-HEM BB1001707//FERREDOXIN-LIKE PROTEIN IN NIF REGION//1.0:43:23//BRADYRHIZOBIUM JAPONI-
 CUM//P27394
 F-HEM BB1001717//NADH-UBIQUINONE OXIDOREDUCTASE CHAIN 4 (EC 1.6.5.3) (FRAGMENT)//1.0:71:25//
 LEMUR CATTAL (RING-TAILED LEMUR)//Q34878
 35 F-HEM BB1001735//!!!! ALU SUBFAMILY SQ WARNING ENTRY !!!!//9.0e-35:97:74//HOMO SAPIENS (HU-
 MAN)//P39194
 F-HEM BB1001736//EUKARYOTIC TRANSLATION INITIATION FACTOR 3 BETA SUBUNIT (EIF-3 BETA) (EIF3
 P116) (EIF3 P110)//0.00069:180:28//HOMO SAPIENS (HUMAN)//P55884
 F-HEM BB1001747
 40 F-HEM BB1001749//!!!! ALU SUBFAMILY SX WARNING ENTRY !!!!//1.8e-43:75:70//HOMO SAPIENS (HUMAN)//
 P39195
 F-HEM BB1001753//PROTEIN Q300//0.00091:16:81//MUS MUSCULUS (MOUSE)//Q02722
 F-HEM BB1001756//CYCLIN-DEPENDENT KINASES REGULATORY SUBUNIT 2 (XE-P9)//0.94:35:42//XENO-
 PUS LAEVIS (AFRICAN CLAWED FROG)//Q91879
 45 F-HEM BB1001760
 F-HEM BB1001762//GENE 35 PROTEIN (GP35)//0.76:21:47//MYCOBACTERIOPHAGE L5//Q05245
 F-HEM BB1001785
 F-HEM BB1001797//CHLOROPLAST 50S RIBOSOMAL PROTEIN L35//0.99:41:31//PORPHYRA PURPUREA//
 P51270
 50 F-HEM BB1001802
 F-HEM BB1001812//!!!! ALU SUBFAMILY SP WARNING ENTRY !!!!//2.2e-39:54:77//HOMO SAPIENS (HUMAN)//
 P39193
 F-HEM BB1001816//!!!! ALU SUBFAMILY SQ WARNING ENTRY !!!!//1.1e-19:97:57//HOMO SAPIENS (HU-
 MAN)//P39194
 55 F-HEM BB1001831//HYPOTHETICAL 45.6 KD PROTEIN IN COX5A-ALG11 INTERGENIC REGION//0.62:204:
 23//SACCHAROMYCES CEREVISIAE (BAKER'S YEAST)//P53951
 F-HEM BB1001834//GLYCINE-RICH RNA-BINDING PROTEIN 1 (FRAGMENT)//0.0014:40:45//SORGHUM VUL-
 GARE (SORGHUM)//Q99069
 F-HEM BB1001836//!!!! ALU SUBFAMILY SB2 WARNING ENTRY !!!!//7.1e-14:85:61//HOMO SAPIENS (HU-

MAN)//P39191
 F-HEM BB1001839//PROBABLE E4 PROTEIN//0.61:49:34//HUMAN PAPILLOMAVIRUS TYPE 6C//P20969
 F-HEM BB1001850
 5 F-HEM BB1001863//!!!! ALU SUBFAMILY SQ WARNING ENTRY !!!!//2.7e-30:57:68//HOMO SAPIENS (HUMAN)//P39194
 F-HEM BB1001867
 F-HEM BB1001868//EXTENSIN PRECURSOR (CELL WALL HYDROXYPROLINE-RICH GLYCOPROTEIN)//0.00036:47:53//NICOTIANA TABACUM (COMMON TOBACCO)//P13983
 10 F-HEM BB1001869//!!!! ALU SUBFAMILY J WARNING ENTRY !!!!//7.0e-11:95:45//HOMO SAPIENS (HUMAN)//P39188
 F-HEM BB1001872//HYPOTHETICAL 8.2 KD PROTEIN IN LEF8-FP INTERGENIC REGION//1.0:34:38//AUTOGRAPHAL CALIFORNICA NUCLEAR POLYHEDROSIS VIRUS (ACMNPV)//P41459
 F-HEM BB1001874
 F-HEM BB1001875
 15 F-HEM BB1001880
 F-HEM BB1001899//GENE 11 PROTEIN//1.0:45:31//SPIROPLASMA VIRUS SPV1-R8A2 B//P15902
 F-HEM BB1001905//HYPOTHETICAL 81.7 KD PROTEIN IN MOL1-NAT2 INTERGENIC REGION//8.8e-54:216:51//SACCHAROMYCES CEREVISIAE (BAKER'S YEAST)//P48234
 F-HEM BB1001906
 20 F-HEM BB1001908//MONOCYTIC LEUKEMIA ZINC FINGER PROTEIN//6.3e-51:138:80//HOMO SAPIENS (HUMAN)//Q92794
 F-HEM BB1001910
 F-HEM BB1001911
 25 F-HEM BB1001915//UBIQUITIN CARBOXYL-TERMINAL HYDROLASE 64E (EC 3.1.2.15) (UBIQUITIN THIOLESTERASE 64E) (UBIQUITIN-SPECIFIC PROCESSING PROTEASE 64E) (DEUBIQUITINATING ENZYME 64E)//2.3e-27:71:70//DROSOPHILA MELANOGASTER (FRUIT FLY)//Q24574
 F-HEM BB1001921//LINE-1 REVERSE TRANSCRIPTASE HOMOLOG//9.8e-13:75:53//HOMO SAPIENS (HUMAN)//P08547
 F-HEM BB1001922
 30 F-HEM BB1001925//EPITHELIAL MEMBRANE PROTEIN-1 (EMP-1) (TUMOR-ASSOCIATED MEMBRANE PROTEIN)//1.0:55:30//MUS MUSCULUS (MOUSE)//P47801
 F-HEM BB1001930//HYPOTHETICAL 9.6 KD PROTEIN K10D2.7 IN CHROMOSOME III//0.43:49:26//CAENORHABDITIS ELEGANS//Q09412
 F-HEM BB1001944//!!!! ALU SUBFAMILY SB WARNING ENTRY !!!!//5.1e-34:63:85//HOMO SAPIENS (HUMAN)//P39189
 35 F-HEM BB1001945//NONSPECIFIC LIPID-TRANSFER PROTEIN (LTP) (PHOSPHOLIPID TRANSFER PROTEIN) (PLTP)//0.28:45:40//AMARANTHUS CAUDATUS (LOVE-LIES-BLEEDING) (INCA-WHEAT)//P80450
 F-HEM BB1001947//PROTEIN UL24//0.48:42:47//HERPES SIMPLEX VIRUS (TYPE 1 / STRAIN 17)//P10208
 F-HEM BB1001950//HYPOTHETICAL 42.6 KD PROTEIN IN GSHB-ANSB INTERGENIC REGION (O378)//1.6e-24:162:36//ESCHERICHIA COLI//P52062
 40 F-HEM BB1001952
 F-HEM BB1001953
 F-HEM BB1001957//!!!! ALU SUBFAMILY J WARNING ENTRY !!!!//2.7e-11:51:60//HOMO SAPIENS (HUMAN)//P39188
 45 F-HEM BB1001962//!!!! ALU SUBFAMILY J WARNING ENTRY !!!!//7.6e-24:163:42//HOMO SAPIENS (HUMAN)//P39188
 F-HEM BB1001967//!!!! ALU SUBFAMILY SB WARNING ENTRY !!!!//2.1e-35:55:80//HOMO SAPIENS (HUMAN)//P39189
 F-HEM BB1001973//!!!! ALU SUBFAMILY SC WARNING ENTRY !!!!//2.1e-37:108:75//HOMO SAPIENS (HUMAN)//P39192
 50 F-HEM BB1001983//LYSIS PROTEIN (E PROTEIN) (GPE)//0.84:45:37//BACTERIOPHAGE ALPHA-3//P31280
 F-HEM BB1001988
 F-HEM BB1001990
 F-HEM BB1001996//LINE-1 REVERSE TRANSCRIPTASE HOMOLOG//1.4e-14:98:40//HOMO SAPIENS (HUMAN)//P08547
 55 F-HEM BB1001997//!!!! ALU SUBFAMILY J WARNING ENTRY !!!!//4.1e-19:38:73//HOMO SAPIENS (HUMAN)//P39188
 F-HEM BB1002002//CYTOCHROME C BIOGENESIS PROTEIN CCSA//1.0:150:25//PORPHYRA PURPUREA//

P51369
 F-HEMBB1002005//!!!! ALU SUBFAMILY SX WARNING ENTRY !!!!!/7.6e-12:94:40//HOMO SAPIENS (HUMAN)//
 P39195
 F-HEMBB1002009
 5 F-HEMBB1002015//HYPOTHETICAL 7.7 KD PROTEIN IN MRR-TSR INTERGENIC REGION (F67)//1.0:17:47//
 ESCHERICHIA COLI//P39395
 F-HEMBB1002042//CYTOCHROME P450 4C1 (EC 1.14.14.1) (CYP1VC1)//2.4e-50:139:55//BLABERUS DIS-
 COIDALIS (TROPICAL COCKROACH)//P29981
 F-HEMBB1002043//HYPOTHETICAL 9.5 KD PROTEIN IN DHFR 3' REGION (ORF3)//0.052:40:42//HERPESVI-
 10 RUS SAIMIRI (SUBGROUP C / STRAIN 488)//P22577
 F-HEMBB1002044//CELLULOSE COMPLEMENTING PROTEIN//0.45:87:33//ACETOBACTER XYLINUM (AC-
 ETOBACTER PASTEURIANUS)//P37697
 F-HEMBB1002045//ATP SYNTHASE PROTEIN 8 (EC 3.6.1.34) (A6L)//0.78:18:55//HOMO SAPIENS (HUMAN)//
 P03928
 15 F-HEMBB1002049
 F-HEMBB1002050//SALIVARY PROLINE-RICH PROTEIN PRECURSOR (CLONE CP7) [CONTAINS: BASIC
 PEPTIDE P-F] (FRAGMENT)//1.0e-06:188:27//HOMO SAPIENS (HUMAN)//P02812
 F-HEMBB1002068//HOMEBOX PROTEIN HOX-A4 (CHOX-1.4)//0.0023:56:44//GALLUS GALLUS (CHICK-
 EN)//P17277
 20 F-HEMBB1002069//EXTENSIN PRECURSOR (CELL WALL HYDROXYPROLINE-RICH GLYCOPROTEIN)//
 0.0074:134:33//NICOTIANA TABACUM (COMMON TOBACCO)//P13983
 F-HEMBB1002092//ENV POLYPROTEIN PRECURSOR (COAT POLYPROTEIN) [CONTAINS: OUTER MEM-
 BRANE PROTEIN GP70; TRANSMEMBRANE PROTEIN P20E]//2.4e-07:75:40//BABOON ENDOGENOUS VI-
 RUS (STRAIN M7)//P10269
 25 F-HEMBB1002094//!!!! ALU SUBFAMILY SB2 WARNING ENTRY !!!!!/1.9e-24:63:82//HOMO SAPIENS (HU-
 MAN)//P39191
 F-HEMBB1002115//EC PROTEIN HOMOLOG (ZINC-METALLOTHIONEIN CLASS II)//0.94:26:42//ZEA MAYS
 (MAIZE)//P43401
 F-HEMBB1002134//ZINC-FINGER PROTEIN NEURO-D4//4.6e-57:176:67//RATTUS NORVEGICUS (RAT)//
 30 P56163
 F-HEMBB1002139//CHLOROPLAST 50S RIBOSOMAL PROTEIN L35//1.0:17:52//PORPHYRA PURPUREA//
 P51270
 F-HEMBB1002142//EARLY NODULIN 20 PRECURSOR (N-20)//0.087:52:36//MEDICAGO TRUNCATULA (BAR-
 REL MEDIC)//P93329
 35 F-HEMBB1002152//HYPOTHETICAL 12.3 KD PROTEIN IN RPL3-RPL33 INTERGENIC REGION (ORF102)//
 5.8e-05:61:37//CYANOPHORA PARADOXA//P15811
 F-HEMBB1002189//HYPOTHETICAL PROTEIN UL125//1.0:77:32//HUMAN CYTOMEGALOVIRUS (STRAIN
 AD169)//P16835
 F-HEMBB1002190
 40 F-HEMBB1002193//TYROSINE-PROTEIN KINASE RECEPTOR TYRO3 PRECURSOR (TYROSINE-PROTEIN
 KINASE RSE) (TYROSINE-PROTEIN KINASE SKY) (TYROSINE-PROTEIN KINASE DTK)//1.2e-27:59:100//
 HOMO SAPIENS (HUMAN)//Q06418
 F-HEMBB1002217//ZINC FINGER PROTEIN 184 (FRAGMENT)//6.6e-22:106:50//HOMO SAPIENS (HUMAN)//
 Q99676
 45 F-HEMBB1002218//PROTEIN Q300//0.85:19:52//MUS MUSCULUS (MOUSE)//Q02722
 F-HEMBB1002232//!!!! ALU SUBFAMILY SX WARNING ENTRY !!!!!/9.6e-21:56:71//HOMO SAPIENS (HUMAN)//
 P39195
 F-HEMBB1002247
 F-HEMBB1002249//!!!! ALU SUBFAMILY SQ WARNING ENTRY !!!!!/7.2e-29:93:69//HOMO SAPIENS (HU-
 50 MAN)//P39194
 F-HEMBB1002254//!!!! ALU SUBFAMILY SQ WARNING ENTRY !!!!!/2.0e-29:101:67//HOMO SAPIENS (HU-
 MAN)//P39194
 F-HEMBB1002255//NADH-UBIQUINONE OXIDOREDUCTASE CHAIN 3 (EC 1.6.5.3)//1.0:73:28//PARA-
 MECIUM TETRAURELIA//P15579
 55 F-HEMBB1002266//GLUTAMIC ACID-RICH PROTEIN PRECURSOR//0.0079:151:26//PLASMODIUM FALCI-
 PARUM (ISOLATE FC27 / PAPUA NEW GUINEA)//P13816
 F-HEMBB1002280//LINE-1 REVERSE TRANSCRIPTASE HOMOLOG//5.2e-15:182:36//NYCTICEBUS COU-
 CANG (SLOW LORIS)//P08548

F-HEM BB1002300
 F-HEM BB1002306//!!!! ALU SUBFAMILY SX WARNING ENTRY !!!!!/0.00011:26:84//HOMO SAPIENS (HUMAN)//P39195
 5 F-HEM BB1002327//!!!! ALU SUBFAMILY SB WARNING ENTRY !!!!!/4.1e-11:41:85//HOMO SAPIENS (HUMAN)//P39189
 F-HEM BB1002329//HYPOTHETICAL 74.0 KD PROTEIN IN CAJ1-HOM3 INTERGENIC REGION//9.9e-17:232:30//SACCHAROMYCES CEREVISIAE (BAKER'S YEAST)//P40032
 F-HEM BB1002340
 10 F-HEM BB1002342//HYPOTHETICAL 32.5 KD PROTEIN IN MSH6-BMH2 INTERGENIC REGION//3.6e-40:102:57//SACCHAROMYCES CEREVISIAE (BAKER'S YEAST)//Q03835
 F-HEM BB1002358//THYMIDYLATE KINASE (EC 2.7.4.9) (DTMP KINASE)//6.1e-30:63:96//HOMO SAPIENS (HUMAN)//P23919
 F-HEM BB1002359//HYPOTHETICAL 7.1 KD PROTEIN C6G9.01C IN CHROMOSOME I//0.97:28:46//SCHIZOSACCHAROMYCES POMBE (FISSION YEAST)//Q92346
 15 F-HEM BB1002364//RETROVIRUS-RELATED POL POLYPROTEIN (FRAGMENT)//0.47:119:25//HOMO SAPIENS (HUMAN)//P12895
 F-HEM BB1002371//HYPOTHETICAL 15.5 KD PROTEIN C2F7.12 IN CHROMOSOME I PRECURSOR//3.0e-05:111:30//SCHIZOSACCHAROMYCES POMBE (FISSION YEAST)//Q09703
 F-HEM BB1002381//PUTATIVE CUTICLE COLLAGEN C09G5.4//0.34:105:34//CAENORHABDITIS ELEGANS//Q09455
 20 F-HEM BB1002383//ATP SYNTHASE A CHAIN (EC 3.6.1.34) (PROTEIN 6)//0.049:103:32//AQUIFEX AEOLICUS//066566
 F-HEM BB1002387//10 KD CHAPERONIN (PROTEIN CPN10) (PROTEIN GROES) (HEAT SHOCK PROTEIN 11)//0.18:75:28//RICKETTSIA TSUTSUGAMUSHI//P16626
 25 F-HEM BB1002409//HIGH MOBILITY GROUP PROTEIN HMG-Y//0.014:61:36//MUS MUSCULUS (MOUSE)//P17095
 F-HEM BB1002415
 F-HEM BB1002425//!!!! ALU SUBFAMILY SQ WARNING ENTRY !!!!!/3.8e-18:55:70//HOMO SAPIENS (HUMAN)//P39194
 30 F-HEM BB1002442//LIN-10 PROTEIN//5.1e-15:121:31//CAENORHABDITIS ELEGANS//P34692
 F-HEM BB1002453//!!!! ALU SUBFAMILY SB WARNING ENTRY !!!!!/1.2e-32:54:75//HOMO SAPIENS (HUMAN)//P39189
 F-HEM BB1002457//!!!! ALU SUBFAMILY J WARNING ENTRY !!!!!/1.5e-07:31:64//HOMO SAPIENS (HUMAN)//P39188
 35 F-HEM BB1002458//MALE SPECIFIC SPERM PROTEIN, MST84DA//0.92:28:53//DROSOPHILA MELANOGASTER (FRUIT FLY)//Q01642
 F-HEM BB1002477//DNA-DIRECTED RNA POLYMERASE II LARGEST SUBUNIT (EC 2.7.7.6) (RPB1) (FRAGMENT)//0.0066:198:27//CRICETULUS GRISEUS (CHINESE HAMSTER)//P11414
 F-HEM BB1002489//SPLICEOSOME ASSOCIATED PROTEIN 49 (SAP 49) (SF3B53)//0.030:182:28//HOMO SAPIENS (HUMAN)//Q15427
 40 F-HEM BB1002492
 F-HEM BB1002495//!!!! ALU SUBFAMILY SC WARNING ENTRY !!!!!/2.1e-08:41:75//HOMO SAPIENS (HUMAN)//P39192
 F-HEM BB1002502//RETROVIRUS-RELATED POL POLYPROTEIN (FRAGMENT)//0.00030:31:77//HOMO SAPIENS (HUMAN)//P12895
 45 F-HEM BB1002509
 F-HEM BB1002510
 F-HEM BB1002520//LINE-1 REVERSE TRANSCRIPTASE HOMOLOG//6.8e-36:162:50//NYCTICEBUS COUCANG (SLOW LORIS)//P08548
 50 F-HEM BB1002522//7 KD PROTEIN (ORF 4)//0.77:32:40//CHRYSANTHEMUM VIRUS B (CVB)//P37990
 F-HEM BB1002531
 F-HEM BB1002534//!!!! ALU SUBFAMILY SX WARNING ENTRY !!!!!/3.1e-36:80:73//HOMO SAPIENS (HUMAN)//P39195
 F-HEM BB1002545
 55 F-HEM BB1002550//HOMEBOX PROTEIN HOX-D11 (HOX-4.6) (HOX-5.5)//3.8e-05:83:34//MUS MUSCULUS (MOUSE)//P23813
 F-HEM BB1002556
 F-HEM BB1002579//SPLICING FACTOR U2AF 35 KD SUBUNIT (U2 AUXILIARY FACTOR 35 KD SUBUNIT) (U2

SNRNP AUXILIARY FACTOR SMALL SUBUNIT) (FRAGMENT) //5.0e-06:27:77//SUS SCROFA (PIG) //Q29350
 F-HEMBB1002582//PROTEINASE INHIBITOR //1.0:27:40//SOLANUM MELONGENA (EGGPLANT) (AUBER-
 GINE) //P01078
 5 F-HEMBB1002590//HYPOTHETICAL PROTEIN IN MMSB 3'REGION (ORF1) (FRAGMENT) //1.9e-20:90:54//
 PSEUDOMONAS AERUGINOSA //P28812
 F-HEMBB1002596
 F-HEMBB1002600//NOVEL ANTIGEN 2 (NAG-2) //1.9e-60:187:59//HOMO SAPIENS (HUMAN) //O14817
 F-HEMBB1002601//M PROTEIN, SEROTYPE 6 PRECURSOR //1.0:71:35//STREPTOCOCCUS PYOGENES //
 P08089
 10 F-HEMBB1002603
 F-HEMBB1002607//SALIVARY PROLINE-RICH PROTEIN PO (ALLELE K) [CONTAINS: PEPTIDE P-D] (FRAG-
 MENT) //0.0032:142:33//HOMO SAPIENS (HUMAN) //P10162
 F-HEMBB1002610//LINE-1 REVERSE TRANSCRIPTASE HOMOLOG //2.0e-11:79:49//HOMO SAPIENS (HU-
 MAN) //P08547
 15 F-HEMBB1002613//!!!! ALU SUBFAMILY J WARNING ENTRY !!!!! //3.9e-08:41:60//HOMO SAPIENS (HUMAN) //
 P39188
 F-HEMBB1002614//HYPOTHETICAL 9.5 KD PROTEIN //1.0:40:35//VACCINIA VIRUS (STRAIN COPENHA-
 GEN) //P20553
 F-HEMBB1002617//INSECT TOXIN 1 (BOT IT1) //1.0:44:29//BUTHUS OCCITANUS TUNETANUS (COMMON
 20 EUROPEAN SCORPION) //P55902
 F-HEMBB1002623//HYPOTHETICAL 9.7 KD PROTEIN (ORF88) (PUTATIVE DNA-BINDING PROTEIN) //0.42:
 31:54//BACTERIOPHAGE P4 //P12552
 F-HEMBB1002635//STRESS-ACTIVATED PROTEIN KINASE JNK3 (EC 2.7.1.-) (C-JUN N-TERMINAL KINASE
 3) (MAP KINASE P49 3F12) //6.2e-17:44:95//HOMO SAPIENS (HUMAN) //P53779
 25 F-HEMBB1002664//SMALL NUCLEAR RIBONUCLEOPROTEIN ASSOCIATED PROTEIN B (SM-B) (SNRNP-B)
 (SM11) (FRAGMENT) //1.0:57:36//RATTUS NORVEGICUS (RAT) //P17136
 F-HEMBB1002677//LINE-1 REVERSE TRANSCRIPTASE HOMOLOG //1.9e-06:194:34//NYCTICEBUS COU-
 CANG (SLOW LORIS) //P08548
 F-HEMBB1002683//NADH-UBIQUINONE OXIDOREDUCTASE CHAIN 5 (EC 1.6.5.3) (FRAGMENT) //0.96:56:
 30 35//LEMUR CATTAL (RING-TAILED LEMUR) //Q34879
 F-HEMBB1002684//SILLUCIN //1.0:16:50//RHIZOMUCOR PUSILLUS //P02885
 F-HEMBB1002686
 F-HEMBB1002692
 F-HEMBB1002697//HELIX-DESTABILIZING PROTEIN (SINGLE-STRANDED DNA BINDING PROTEIN) (GPV) //
 35 0.57:36:38//BACTERIOPHAGE FD, BACTERIOPHAGE F1, AND BACTERIOPHAGE M13 //P03669
 F-HEMBB1002699
 F-HEMBB1002702
 F-HEMBB1002705//HYPOTHETICAL 34.8 KD PROTEIN C4H3.04C IN CHROMOSOME I //3.6e-40:180:37//
 SCHIZOSACCHAROMYCES POMBE (FISSION YEAST) //Q10212
 40 F-HEMBB1002712
 F-MAMMA1000009//!!!! ALU SUBFAMILY SB WARNING ENTRY !!!!! //1.2e-32:95:75//HOMO SAPIENS (HU-
 MAN) //P39189
 F-MAMMA1000019
 F-MAMMA1000020//DIMETHYLANILINE MONOOXYGENASE [N-OXIDE FORMING] 5 (EC 1.14.13.8) (HEPATIC
 45 FLAVIN-CONTAINING MONOOXYGENASE 5) (FMO 5) (DIMETHYLANILINE OXIDASE 5) //5.2e-12:24:100//HO-
 MO SAPIENS (HUMAN) //P49326
 F-MAMMA1000025//BETA-2-MICROGLOBULIN PRECURSOR //1.0:73:26//BRACHYDANIO RERIO (ZE-
 BRA FISH) (ZEBRA DANIO) //Q04475
 F-MAMMA1000043//HYPOTHETICAL PXBL-I PROTEIN (FRAGMENT) //0.057:130:31//BOVINE LEUKEMIA VI-
 50 RUS (JAPANESE ISOLATE BLV-1) (BLV) //P03412
 F-MAMMA1000045
 F-MAMMA1000055//TESTIN 2 (TES2) [CONTAINS: TESTIN 1 (TES1)] //7.5e-44:138:55//MUS MUSCULUS
 (MOUSE) //P47226
 F-MAMMA1000057//!!!! ALU SUBFAMILY SQ WARNING ENTRY !!!!! //1.2e-39:92:69//HOMO SAPIENS (HU-
 55 MAN) //P39194
 F-MAMMA1000069//HYPOTHETICAL 29.3 KD PROTEIN (ORF92) //0.0044:96:34//ORGYIA PSEUDOTSUGATA
 MULTICAPSID POLYHEDROSIS VIRUS (OPMPNV) //O10341
 F-MAMMA1000084//!!!! ALU SUBFAMILY SX WARNING ENTRY !!!!! //5.4e-28:94:73//HOMO SAPIENS (HU-

MAN)//P39195
 F-MAMMA1000085//PUTATIVE CYSTEINYL-TRNA SYNTHETASE C29E6.06C (EC 6.1.1.16) (CYSTEINE--
 TRNA LIGASE) (CYSRS)//6.6e-38:90:51//SCHIZOSACCHAROMYCES POMBE (FISSION YEAST)//Q09860
 5 F-MAMMA1000092//!!!! ALU SUBFAMILY SC WARNING ENTRY !!!!//6.4e-30:43:86//HOMO SAPIENS (HU-
 MAN)//P39192
 F-MAMMA1000103//SMALL PROLINE RICH PROTEIN II (SPR-II) (CLONE 930)//0.038:17:52//HOMO SAPIENS
 (HUMAN)//P22531
 F-MAMMA1000117//50S RIBOSOMAL PROTEIN L24E (HL21/HL22)//0.90:25:48//HALOARcula MARISMOR-
 TUI (HALOBACTERIUM MARISMORTUI)//P14116
 10 F-MAMMA1000129//HYPOTHETICAL BHLF1 PROTEIN//0.0016:75:40//EPSTEIN-BARR VIRUS (STRAIN
 B95-8) (HUMAN HERPESVIRUS 4)//P03181
 F-MAMMA1000133
 F-MAMMA1000134//HYPOTHETICAL PROTEIN MJ0647//1.0:41:41//METHANOCOCCUS JANNASCHII//
 Q58063
 15 F-MAMMA1000139//GUANINE NUCLEOTIDE-BINDING PROTEIN G(I)/G(S)/G(O) GAMMA-3 SUBUNIT//0.99:
 69:28//BOS TAURUS (BOVINE), AND MUS MUSCULUS (MOUSE)//P29798
 F-MAMMA1000143//CALPAIN INHIBITOR (CALPASTATIN) (FRAGMENT)//0.023:111:27//MUS MUSCULUS
 (MOUSE)//P51125
 F-MAMMA1000155//PUTATIVE CUTICLE COLLAGEN C09G5.5//0.018:125:34//CAENORHABDITIS ELE-
 20 GANS//Q09456
 F-MAMMA1000163//MERCURIC TRANSPORT PROTEIN PERIPLASMIC COMPONENT PRECURSOR (PERI-
 PLASMIC MERCURY ION BINDING PROTEIN) (MERCURY SCAVENGER PROTEIN)//0.11:88:25//SHEWANEL-
 LA PUTREFACIENS (PSEUDOMONAS PUTREFACIENS)//Q54463
 F-MAMMA1000171
 25 F-MAMMA1000173//DREBRIN E//7.6e-41:197:43//HOMO SAPIENS (HUMAN)//Q16643
 F-MAMMA1000175//GAMMA-THIONIN HOMOLOG PPT PRECURSOR//0.92:39:38//PETUNIA INTEGRIFOLIA
 (VIOLET-FLOWERED PETUNIA) (PETUNIA INFLATA)//Q40901
 F-MAMMA1000183//ZINC FINGER PROTEIN 84 (ZINC FINGER PROTEIN HPF2)//2.4e-106:249:61//HOMO SA-
 PIENS (HUMAN)//P51523
 30 F-MAMMA1000198//MALE SPECIFIC SPERM PROTEIN MST84DD//0.0014:35:42//DROSOPHILA MELA-
 NOGASTER (FRUIT FLY)//Q01645
 F-MAMMA1000221
 F-MAMMA1000227//6.8 KD MITOCHONDRIAL PROTEOLIPID//1.0:30:40//MUS MUSCULUS (MOUSE)//
 P56379
 35 F-MAMMA1000241//PHOTOSYSTEM I REACTION CENTRE SUBUNIT X (PSI-K)//1.0:40:37//PORPHYRA PUR-
 PUREA//P51370
 F-MAMMA1000251//HYPOTHETICAL 6.8 KD PROTEIN IN FIC-PPIA INTERGENIC REGION//0.99:29:48//SAL-
 MONELLA TYPHIMURIUM//P37771
 F-MAMMA1000254//HYPOTHETICAL 6.0 KD PROTEIN IN THI12 5'REGION//1.0:20:50//SACCHAROMYCES
 40 CEREVISIAE (BAKER'S YEAST)//P53820
 F-MAMMA1000257//HYPOTHETICAL 50.0 KD PROTEIN IN HEML 3'REGION (ORF2)//0.22:50:44//PSEU-
 DOMONAS AERUGINOSA//Q51470
 F-MAMMA1000264//GASTRIN-RELEASING PEPTIDE RECEPTOR (GRP-R) (GRP-PREFERRING BOMBESIN
 RECEPTOR)//0.80:39:43//HOMO SAPIENS (HUMAN)//P30550
 45 F-MAMMA1000266
 F-MAMMA1000270//!!!! ALU SUBFAMILY SB WARNING ENTRY !!!!//9.5e-42:95:84//HOMO SAPIENS (HU-
 MAN)//P39189
 F-MAMMA1000277//PROCOLLAGEN ALPHA 1(II) CHAIN PRECURSOR [CONTAINS: CHONDROCALCIN]//
 0.0062:90:34//MUS MUSCULUS (MOUSE)//P28481
 50 F-MAMMA1000278//C-HORDEIN (CLONE PC HOR1-3) (FRAGMENT)//0.00096:59:33//HORDEUM VULGARE
 (BARLEY)//P17991
 F-MAMMA1000279//!!!! ALU SUBFAMILY SX WARNING ENTRY !!!!//8.4e-17:56:76//HOMO SAPIENS (HU-
 MAN)//P39195
 F-MAMMA1000284//ARYL HYDROCARBON RECEPTOR NUCLEAR TRANSLOCATOR 2 (ARNT PROTEIN 2)//
 55 0.017:146:30//MUS MUSCULUS (MOUSE)//Q61324
 F-MAMMA1000287//!!!! ALU SUBFAMILY SB WARNING ENTRY !!!!//1.5e-32:84:58//HOMO SAPIENS (HU-
 MAN)//P39189
 F-MAMMA1000302//C-HORDEIN (CLONE PC-919) (FRAGMENT)//1.0:42:33//HORDEUM VULGARE (BAR-

LEY)//P17992
 F-MAMMA1000307//PROBABLE E4 PROTEIN//0.21:71:30//RHESUS PAPILLOMAVIRUS TYPE 1 (RHPV 1)//
 P24832
 5 F-MAMMA1000309//COLLAGEN ALPHA 1(VIII) CHAIN PRECURSOR (ENDOTHELIAL COLLAGEN)//0.0026:
 141:36//HOMO SAPIENS (HUMAN)//P27658
 F-MAMMA1000312
 F-MAMMA1000313//DNA REPAIR PROTEIN RAD51 HOMOLOG (25 KD PROTEIN) (FRAGMENT)//0.76:52:32//
 STAPHYLOCOCCUS AUREUS//P31337
 F-MAMMA1000331
 10 F-MAMMA1000339//50S RIBOSOMAL PROTEIN L29P//0.78:32:46//METHANOBACTERIUM THERMOAU-
 TOTROPHICUM//O26117
 F-MAMMA1000340//HYPOTHETICAL 29.4 KD PROTEIN IN STE6-LOS1 INTERGENIC REGION//1.0:29:58//
 SACCHAROMYCES CEREVISIAE (BAKER'S YEAST)//P36039
 F-MAMMA1000348//!!!! ALU SUBFAMILY J WARNING ENTRY !!!!!//7.5e-09:63:60//HOMO SAPIENS (HUMAN)//
 15 P39188
 F-MAMMA1000356//!!!! ALU SUBFAMILY J WARNING ENTRY !!!!!//3.3e-05:42:52//HOMO SAPIENS (HUMAN)//
 P39188
 F-MAMMA1000360
 F-MAMMA1000361//!!!! ALU SUBFAMILY SB WARNING ENTRY !!!!!//4.4e-33:84:72//HOMO SAPIENS (HU-
 20 MAN)//P39189
 F-MAMMA1000372//!!!! ALU SUBFAMILY SP WARNING ENTRY !!!!!//6.6e-21:53:71//HOMO SAPIENS (HU-
 MAN)//P39193
 F-MAMMA1000385
 F-MAMMA1000388//OX40L RECEPTOR PRECURSOR (ACT35 ANTIGEN) (TAX-TRANSCRIPTIONALLY ACTI-
 25 VATED GLYCOPROTEIN 1 RECEPTOR) (CD134 ANTIGEN)//0.40:72:36//HOMO SAPIENS (HUMAN)//P43489
 F-MAMMA1000395//RABPHILIN-3A (FRAGMENT)//0.032:125:25//MUS MUSCULUS (MOUSE)//P47708
 F-MAMMA1000402//LINE-1 REVERSE TRANSCRIPTASE HOMOLOG//3.1e-28:266:40//HOMO SAPIENS (HU-
 MAN)//P08547
 F-MAMMA1000410//NADH-UBIQUINONE OXIDOREDUCTASE 13 KD-B SUBUNIT (EC 1.6.5.3) (EC 1.6.99.3)
 30 (COMPLEX I-13KD-B) (CI-13KD-B) (B13)//5.9e-06:32:68//HOMO SAPIENS (HUMAN)//Q16718
 F-MAMMA1000413//RETROVIRUS-RELATED POL POLYPROTEIN [CONTAINS: REVERSE TRANSCRIPTASE
 (EC 2.7.7.49); ENDONUCLEASE]//6.7e-05:93:31//MUS MUSCULUS (MOUSE)//P11369
 F-MAMMA1000414
 F-MAMMA1000416//HYPOTHETICAL 32.0 KD PROTEIN, C09F5.2 IN CHROMOSOME III//4.1e-28:119:53//
 35 CAENORHABDITIS ELEGANS//Q09232
 F-MAMMA1000421//!!!! ALU SUBFAMILY SQ WARNING ENTRY !!!!!//2.7e-23:68:76//HOMO SAPIENS (HU-
 MAN)//P39194
 F-MAMMA1000422//METALLOTHIONEIN (MT)//0.037:42:42//GADUS MORHUA (ATLANTIC COD)//P51902
 F-MAMMA1000423
 40 F-MAMMA1000424//!!!! ALU SUBFAMILY SB WARNING ENTRY !!!!!//0.048:23:73//HOMO SAPIENS (HUMAN)//
 P39189
 F-MAMMA1000429//VACUOLAR PROTEIN SORTING-ASSOCIATED PROTEIN VPS5//2.7e-05:110:30//SAC-
 CHAROMYCES CEREVISIAE (BAKER'S YEAST)//Q92331
 F-MAMMA1000431//!!!! ALU SUBFAMILY SQ WARNING ENTRY !!!!!//9.4e-15:85:58//HOMO SAPIENS (HU-
 45 MAN)//P39194
 F-MAMMA1000444//!!!! ALU SUBFAMILY SQ WARNING ENTRY !!!!!//4.3e-25:65:76//HOMO SAPIENS (HU-
 MAN)//P39194
 F-MAMMA1000446//ZYXIN//0.79:155:29//GALLUS GALLUS (CHICKEN)//Q04584
 F-MAMMA1000458//HYPOTHETICAL 37.7 KD PROTEIN C18B11.06 IN CHROMOSOME I//0.0048:46:43//
 50 SCHIZOSACCHAROMYCES POMBE (FISSION YEAST)//Q09713
 F-MAMMA1000468//PERIOD CLOCK PROTEIN (FRAGMENT)//0.50:20:55//DROSOPHILA ROBUSTA (FRUIT
 FLY)//Q03296
 F-MAMMA1000472//!!!! ALU SUBFAMILY J WARNING ENTRY !!!!!//1.5e-17:106:55//HOMO SAPIENS (HUMAN)//
 P39188
 55 F-MAMMA1000478//!!!! ALU SUBFAMILY SX WARNING ENTRY !!!!!//3.9e-35:80:68//HOMO SAPIENS (HU-
 MAN)//P39195
 F-MAMMA1000483//!!!! ALU SUBFAMILY SP WARNING ENTRY !!!!!//2.8e-24:74:77//HOMO SAPIENS (HU-
 MAN)//P39193

F-MAMMA1000490//TYROSINE-PROTEIN KINASE TXK (EC 2.7.1.112) (PTK-RL-18) (RESTING LYMPHOCYTE KINASE)//0.43:21:57//MUS MUSCULUS (MOUSE)//P42682
 F-MAMMA1000500//TAT PROTEIN (TRANSACTIVATING REGULATORY PROTEIN)//0.61:33:54//HUMAN IMMUNODEFICIENCY VIRUS TYPE 1 (Z2/CDC-Z34 ISOLATE) (HIV-1)//P12506
 5 F-MAMMA1000501//!!!! ALU SUBFAMILY SQ WARNING ENTRY !!!!!/1.1e-32:43:83//HOMO SAPIENS (HUMAN)//P39194
 F-MAMMA1000516
 F-MAMMA1000522//LINE-1 REVERSE TRANSCRIPTASE HOMOLOG//0.0015:113:32//HOMO SAPIENS (HUMAN)//P08547
 10 F-MAMMA1000524//HYPOTHETICAL HOST RANGE 8.5 KD PROTEIN//1.0:63:31//VACCINIA VIRUS (STRAIN WR)//P17359
 F-MAMMA1000559//METALLOTHIONEIN-I (MT-I) (MT-IB/MT-IA)//0.31:16:50//CALLINECTES SAPIDUS (BLUE CRAB)//P55949
 F-MAMMA1000565//FERREDOXIN-TYPE PROTEIN NAF//0.98:37:35//ESCHERICHIA COLI//P33939
 15 F-MAMMA1000567//!!!! ALU SUBFAMILY SX WARNING ENTRY !!!!!/5.5e-37:95:76//HOMO SAPIENS (HUMAN)//P39195
 F-MAMMA1000576//!!!! ALU SUBFAMILY SB2 WARNING ENTRY !!!!!/4.1e-07:34:64//HOMO SAPIENS (HUMAN)//P39191
 F-MAMMA1000583
 20 F-MAMMA1000585//!!!! ALU SUBFAMILY SQ WARNING ENTRY !!!!!/1.5e-28:89:75//HOMO SAPIENS (HUMAN)//P39194
 F-MAMMA1000594//!!!! ALU SUBFAMILY SX WARNING ENTRY !!!!!/4.8e-24:38:71//HOMO SAPIENS (HUMAN)//P39195
 F-MAMMA1000597//!!!! ALU SUBFAMILY SX WARNING ENTRY !!!!!/1.1e-25:74:77//HOMO SAPIENS (HUMAN)//P39195
 25 F-MAMMA1000605//!!!! ALU SUBFAMILY SX WARNING ENTRY !!!!!/2.1e-18:83:50//HOMO SAPIENS (HUMAN)//P39195
 F-MAMMA1000612//HYPOTHETICAL 34.0 KD TRP-ASP REPEATS CONTAINING PROTEIN IN SIS1-MRPL2 INTERGENIC REGION//4.0e-42:166:48//SACCHAROMYCES CEREVISIAE (BAKER'S YEAST)//P41318
 30 F-MAMMA1000616
 F-MAMMA1000621
 F-MAMMA1000623//METALLOTHIONEIN-IK (MT-1K)//0.0045:25:48//HOMO SAPIENS (HUMAN)//P80296
 F-MAMMA1000625//PROLINE-RICH PROTEIN MP-3 (FRAGMENT)//0.00078:79:35//MUS MUSCULUS (MOUSE)//P05143
 35 F-MAMMA1000643//HYPOTHETICAL 9.3 KD PROTEIN//1.0:25:28//MAGUARI VIRUS//P16607
 F-MAMMA1000664
 F-MAMMA1000669//LINE-1 REVERSE TRANSCRIPTASE HOMOLOG//4.2e-05:186:30//HOMO SAPIENS (HUMAN)//P08547
 F-MAMMA1000670//PROLINE-RICH PROTEIN MP-3 (FRAGMENT)//1.6e-06:195:30//MUS MUSCULUS (MOUSE)//P05143
 40 F-MAMMA1000672//VITELLOGENIC CARBOXYPEPTIDASE PRECURSOR (EC 3.4.16.-)//3.8e-28:184:35//AEDES AEGYPTI (YELLOW FEVER MOSQUITO)//P42660
 F-MAMMA1000684//DNA-BINDING PROTEIN (VMW21)//1.1e-07:55:56//HERPES SIMPLEX VIRUS (TYPE 1 / STRAIN 17)//P04487
 45 F-MAMMA1000696//!!!! ALU SUBFAMILY SQ WARNING ENTRY !!!!!/1.2e-31:97:74//HOMO SAPIENS (HUMAN)//P39194
 F-MAMMA1000707//METALLOTHIONEIN-II (MT-II) (MT-IIB/MT-IIA)//0.31:19:42//CALLINECTES SAPIDUS (BLUE CRAB)//P55950
 F-MAMMA1000713//XYLULOSE KINASE (EC 2.7.1.17) (XYLULOKINASE)//1.6e-05:88:35//LACTOBACILLUS PENTOSUS//P21939
 50 F-MAMMA1000714//PROTEIN-LYSINE 6-OXIDASE PRECURSOR (EC 1.4.3.13) (LYSYL OXIDASE)//0.44:126:30//RATTUS NORVEGICUS (RAT)//P16636
 F-MAMMA1000718//METALLOTHIONEIN-IIIE (MT-2E)//1.0:51:31//ORYCTOLAGUS CUNICULUS (RABBIT)//P80292
 55 F-MAMMA1000720//!!!! ALU SUBFAMILY SP WARNING ENTRY !!!!!/3.3e-28:60:71//HOMO SAPIENS (HUMAN)//P39193
 F-MAMMA1000723//LINE-1 REVERSE TRANSCRIPTASE HOMOLOG//3.7e-14:63:53//HOMO SAPIENS (HUMAN)//P08547

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F-MAMMA1000731//CHROMODOMAIN-HELICASE-DNA-BINDING PROTEIN 2 (CHD-2)//1.8e-43:258:43//HOMO SAPIENS (HUMAN)//O14647
F-MAMMA1000732//!!!! ALU SUBFAMILY J WARNING ENTRY !!!!!/9.9e-12:76:55//HOMO SAPIENS (HUMAN)//P39188
5 F-MAMMA1000733
F-MAMMA1000734//NPL1 PROTEIN (SEC63 PROTEIN)//2.5e-18:181:39//SACCHAROMYCES CEREVISIAE (BAKER'S YEAST)//P14906
F-MAMMA1000738//HYPOTHETICAL 116.5 KD PROTEIN C20G8.09C IN CHROMOSOME I//5.4e-52:196:58//SCHIZOSACCHAROMYCES POMBE (FISSION YEAST)//P87115
10 F-MAMMA1000744//!!!! ALU SUBFAMILY SB1 WARNING ENTRY !!!!!/6.3e-36:144:47//HOMO SAPIENS (HUMAN)//P39190
F-MAMMA1000746
F-MAMMA1000752
15 F-MAMMA1000760//!!!! ALU SUBFAMILY SX WARNING ENTRY !!!!!/6.6e-29:75:72//HOMO SAPIENS (HUMAN)//P39195
F-MAMMA1000761//!!!! ALU SUBFAMILY SQ WARNING ENTRY !!!!!/3.6e-09:59:64//HOMO SAPIENS (HUMAN)//P39194
F-MAMMA1000775
20 F-MAMMA1000776//!!!! ALU SUBFAMILY SP WARNING ENTRY !!!!!/3.3e-35:99:74//HOMO SAPIENS (HUMAN)//P39193
F-MAMMA1000778//!!!! ALU SUBFAMILY SX WARNING ENTRY !!!!!/2.1e-19:65:70//HOMO SAPIENS (HUMAN)//P39195
F-MAMMA1000782
25 F-MAMMA1000798//HYPOTHETICAL PROTEIN ORF-1137//0.015:59:37//MUS MUSCULUS (MOUSE)//P11260
F-MAMMA1000802//MYOSIN IC HEAVY CHAIN//0.35:94:41//ACANTHAMOEBA CASTELLANII (AMOEBA)//P10569
F-MAMMA1000824//ACTIN 1//0.046:60:31//ZEA MAYS (MAIZE)//P02582
30 F-MAMMA1000831//PROBABLE NI/FE-HYDROGENASE 1 B-TYPE CYTOCHROME SUBUNIT//1.0:30:46//ESCHERICHIA COLI//P19929
F-MAMMA1000839//!!!! ALU SUBFAMILY J WARNING ENTRY !!!!!/1.1e-28:80:58//HOMO SAPIENS (HUMAN)//P39188
F-MAMMA1000841//PUTATIVE AMIDASE (EC 3.5.1.4)//1.5e-39:130:36//METHANOBACTERIUM THERMOAUTOTROPHICUM//O27540
35 F-MAMMA1000842//C-HORDEIN (CLONE PC-919) (FRAGMENT)//0.064:43:41//HORDEUM VULGARE (BARLEY)//P17992
F-MAMMA1000843
F-MAMMA1000845//NADH-UBIQUINONE OXIDOREDUCTASE CHAIN 2 (EC 1.6.5.3)//0.43:58:34//DROSOPHILA YAKUBA (FRUIT FLY)//P03895
40 F-MAMMA1000851//CUTICLE COLLAGEN 34//0.019:107:29//CAENORHABDITIS ELEGANS//P34687
F-MAMMA1000855//SPLICEOSOME ASSOCIATED PROTEIN 62 (SAP 62) (SF3A66)//0.00098:149:32//HOMO SAPIENS (HUMAN)//Q15428
F-MAMMA1000856//METALLOTHIONEIN (MT)//0.63:39:41//POTAMON POTAMIOS//P55952
45 F-MAMMA1000859//GLYCOPROTEIN X PRECURSOR//0.014:192:28//EQUINE HERPESVIRUS TYPE 1 (STRAIN AB4P) (EHV-1)//P28968
F-MAMMA1000862//DISINTEGRIN KISTRIN (PLATELET AGGREGATION ACTIVATION INHIBITOR)//1.0:66:27//AGKISTRODON RHODOSTOMA (MALAYAN PIT VIPER) (CALLOSELASMA RHODOSTOMA)//P17494
F-MAMMA1000863//!!!! ALU SUBFAMILY J WARNING ENTRY !!!!!/5.4e-16:41:68//HOMO SAPIENS (HUMAN)//P39188
50 F-MAMMA1000865//SALIVARY PROUNE-RICH PROTEIN II-1 (FRAGMENT)//0.030:100:32//HOMO SAPIENS (HUMAN)//P81489
F-MAMMA1000867//APTOTOXIN IX (PARALYTIC PEPTIDE IX) (PP IX)//0.98:43:32//APTOSTICHUS SCHLINGERI (TRAP-DOOR SPIDER)//P49272
F-MAMMA1000875//PROLINE-RICH PEPTIDE P-B//0.18:21:47//HOMO SAPIENS (HUMAN)//P02814
55 F-MAMMA1000876//!!!! ALU SUBFAMILY SB WARNING ENTRY !!!!!/1.5e-22:85:71//HOMO SAPIENS (HUMAN)//P39189
F-MAMMA1000877//!!!! ALU SUBFAMILY J WARNING ENTRY !!!!!/1.2e-38:62:74//HOMO SAPIENS (HUMAN)//P39188

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F-MAMMA1000880//COLLAGEN ALPHA 1(XII) CHAIN (FRAGMENTS)//0.49:79:32//BOS TAURUS (BOVINE)//
P25508
F-MAMMA1000883//HYPOTHETICAL 6.1 KD PROTEIN C03B1.10 IN CHROMOSOME X//0.87:15:60//
CAENORHABDITIS ELEGANS//Q11116
5 F-MAMMA1000897//INTER-ALPHA-TRYPSIN INHIBITOR HEAVY CHAIN H4 PRECURSOR (ITI HEAVY CHAIN
H4) (INTER-ALPHA-TRYPSIN INHIBITOR FAMILY HEAVY CHAIN-RELATED PROTEIN) (PLASMA KALLIKREIN
SENSITIVE GLYCOPROTEIN 120) (PK-120)//5.3e-17:130:40//HOMO SAPIENS (HUMAN)//Q14624
F-MAMMA1000905
F-MAMMA1000906
10 F-MAMMA1000908//LINE-1 REVERSE TRANSCRIPTASE HOMOLOG//8.0e-17:70:62//HOMO SAPIENS (HU-
MAN)//P08547
F-MAMMA1000914//HYPOTHETICAL 6.2 KD PROTEIN//0.97:36:36//THERMOPROTEUS TENAX VIRUS 1
(STRAIN KRA1) (TTV1)//P19299
F-MAMMA1000921
15 F-MAMMA1000931//!!!! ALU SUBFAMILY J WARNING ENTRY !!!!!//5.6e-10:49:65//HOMO SAPIENS (HUMAN)//
P39188
F-MAMMA1000940//MITOCHONDRIAL 60S RIBOSOMAL PROTEIN L32//0.42:22:54//RECLINOMONAS
AMERICANA//Q01281
F-MAMMA1000941//!!!! ALU SUBFAMILY J WARNING ENTRY !!!!!//2.3e-25:55:69//HOMO SAPIENS (HUMAN)//
20 P39188
F-MAMMA1000942//!!!! ALU SUBFAMILY SQ WARNING ENTRY !!!!!//3.3e-08:36:75//HOMO SAPIENS (HU-
MAN)//P39194
F-MAMMA1000943
F-MAMMA1000956//SMALL HISTIDINE-ALANINE-RICH PROTEIN PRECURSOR (SHARP) (ANTIGEN 57)//
25 0.041:122:25//PLASMODIUM FALCIPARUM (ISOLATE FC27 / PAPUA NEW GUINEA)//P04930
F-MAMMA1000957//HEAT-STABLE ENTEROTOXIN A2 PRECURSOR (STA2)//0.024:37:37//ESCHERICHIA
COLI//Q47185
F-MAMMA1000962//!!!! ALU SUBFAMILY SB WARNING ENTRY !!!!!//6.0e-39:61:78//HOMO SAPIENS (HU-
MAN)//P39189
30 F-MAMMA1000968//!!!! ALU SUBFAMILY SQ WARNING ENTRY !!!!!//0.0054:29:72//HOMO SAPIENS (HUMAN)//
P39194
F-MAMMA1000975//CUTICLE COLLAGEN DPY-2 PRECURSOR//1.0:93:30//CAENORHABDITIS ELEGANS//
P35799
F-MAMMA1000979//PROLINE-RICH PEPTIDE P-B//0.012:12:66//HOMO SAPIENS (HUMAN)//P02814
35 F-MAMMA1000987//HYPOTHETICAL PROTEIN LAMBDA-SP34//1.0:47:40//MUS MUSCULUS (MOUSE)//
P15973
F-MAMMA1000998
F-MAMMA1001003//PROBABLE E5 PROTEIN//1.0:52:42//HUMAN PAPILLOMAVIRUS TYPE 33//P06426
F-MAMMA1001008//PROGASTRICIN PRECURSOR (EC 3.4.23.3) (PEPSINOGEN C) (FRAGMENT)//3.2e-14:
40 131:35//MACACA FUSCATA FUSCATA (JAPANESE MACAQUE)//P03955
F-MAMMA1001021//HYPOTHETICAL 35.5 KD PROTEIN IN TRANSPOSON TN4556//0.016:61:42//STREPTO-
MYCES FRADIAE//P20186
F-MAMMA1001024
F-MAMMA1001030//LUTROPIN-CHORIOGONADOTROPIC HORMONE RECEPTOR (LH/CG-R) (LSH-R)
45 (LUTEINIZING HOROMINE RECEPTOR) (FRAGMENT)//2.4e-20:234:29//GALLUS GALLUS (CHICKEN)//
Q90674
F-MAMMA1001035//!!!! ALU SUBFAMILY SP WARNING ENTRY !!!!!//1.7e-15:52:78//HOMO SAPIENS (HU-
MAN)//P39193
F-MAMMA1001038//NEUROTOXIN II (TOXIN RP-II) (SODIUM CHANNEL TOXIN II)//0.53:25:48//RADIANTHUS
50 PAUMOTENSIS (SEA ANEMONE) (HETERACTIS PAUMOTENSIS)//P01534
F-MAMMA1001041//SPECTRIN BETA CHAIN, ERYTHROCYTE//6.3e-18:112:43//MUS MUSCULUS
(MOUSE)//P15508
F-MAMMA1001050
F-MAMMA1001059//PUTATIVE ATP-DEPENDENT RNA HELICASE C12C2.06//1.3e-34:187:47//SCHIZOSAC-
55 CHAROMYCES POMBE (FISSION YEAST)//Q09747
F-MAMMA1001067//PROTEIN Q300//0.36:12:75//MUS MUSCULUS (MOUSE)//Q02722
F-MAMMA1001073//HEPATOCYTE NUCLEAR FACTOR 3 FORKHEAD HOMOLOG 1 (HFH-1)//1.0:70:37//RAT-
TUS NORVEGICUS (RAT)//Q63244

F-MAMMA1001074//LINE-1 REVERSE TRANSCRIPTASE HOMOLOG.//0.00067:163:32//HOMO SAPIENS (HUMAN)//P08547
 F-MAMMA1001075//RETINOBLASTOMA BINDING PROTEIN 1 (RBBP-1).//0.53:72:34//HOMO SAPIENS (HUMAN)//P29374
 5 F-MAMMA1001078//LINE-1 REVERSE TRANSCRIPTASE HOMOLOG.//5.0e-79:184:73//HOMO SAPIENS (HUMAN)//P08547
 F-MAMMA1001080//IG HEAVY CHAIN PRECURSOR V-III REGION (VH26).//1.7e-27:82:71//HOMO SAPIENS (HUMAN)//P01764
 F-MAMMA1001082
 10 F-MAMMA1001091//HYPOTHETICAL BHLF1 PROTEIN.//3.1e-05:198:32//EPSTEIN-BARR VIRUS (STRAIN B95-8) (HUMAN HERPESVIRUS 4)//P03181
 F-MAMMA1001092//LINE-1 REVERSE TRANSCRIPTASE HOMOLOG.//7.1e-21:65:72//HOMO SAPIENS (HUMAN)//P08547
 F-MAMMA1001105//OVO PROTEIN (SHAVEN BABY PROTEIN).//1.0e-18:68:48//DROSOPHILA MELANOGASTER (FRUIT FLY)//P51521
 15 F-MAMMA1001110//PROCOLLAGEN ALPHA 1(IV) CHAIN PRECURSOR.//0.080:108:37//MUS MUSCULUS (MOUSE)//P02463
 F-MAMMA1001126/////ALU SUBFAMILY SB WARNING ENTRY /////2.3e-07:66:45//HOMO SAPIENS (HUMAN)//P39189
 20 F-MAMMA1001133//HYPOTHETICAL 13.2 KD PROTEIN IN RPS4A-BAT2 INTERGENIC REGION.//0.96:43:25//SACCHAROMYCES CEREVISIAE (BAKER'S YEAST)//P47174
 F-MAMMA1001139//HYPOTHETICAL 36.7 KD PROTEIN AH6.2 IN CHROMOSOME II.//5.4e-42:81:62//CAENORHABDITIS ELEGANS//Q09201
 F-MAMMA1001143/////ALU SUBFAMILY J WARNING ENTRY /////0.00014:36:66//HOMO SAPIENS (HUMAN)//P39188
 25 F-MAMMA1001145
 F-MAMMA1001154//CSBA PROTEIN.//1.0:39:38//BACILLUS SUBTILIS//P37953
 F-MAMMA1001161/////ALU SUBFAMILY J WARNING ENTRY /////5.2e-23:53:64//HOMO SAPIENS (HUMAN)//P39188
 30 F-MAMMA1001162//CD27L RECEPTOR PRECURSOR (T-CELL ACTIVATION ANTIGEN CD27).//0.69:86:31//MUS MUSCULUS (MOUSE)//P41272
 F-MAMMA1001181//HYPOTHETICAL 81.0 KD PROTEIN C35D10.4 IN CHROMOSOME III.//0.00010:74:47//CAENORHABDITIS ELEGANS//Q18486
 F-MAMMA1001186/////ALU SUBFAMILY SQ WARNING ENTRY /////9.0e-32:44:86//HOMO SAPIENS (HUMAN)//P39194
 35 F-MAMMA1001191//OCTAMER-BINDING TRANSCRIPTION FACTOR 1 (OTF-1) (NF-A1) (FRAGMENT).//0.096:40:40//MACROPUS EUGENII (TAMMAR WALLABY)//Q28466
 F-MAMMA1001198//EPIDERMAL GROWTH FACTOR RECEPTOR SUBSTRATE SUBSTRATE 15 (PROTEIN EPS15) (AF-1P PROTEIN).//2.5e-75:204:70//HOMO SAPIENS (HUMAN)//P42566
 40 F-MAMMA1001202//METALLOTHIONEIN-II (MT-II) (MT-IIB/MT-IIA).//0.52:46:32//CALLINECTES SAPIDUS (BLUE CRAB)//P55950
 F-MAMMA1001203/////ALU SUBFAMILY SC WARNING ENTRY /////7.3e-11:82:58//HOMO SAPIENS (HUMAN)//P39192
 F-MAMMA1001206/////ALU SUBFAMILY J WARNING ENTRY /////1.9e-17:67:71//HOMO SAPIENS (HUMAN)//P39188
 45 F-MAMMA1001215//9 KD PROTEIN.//1.0:51:33//HOMO SAPIENS (HUMAN)//P13994
 F-MAMMA1001220/////ALU SUBFAMILY SB WARNING ENTRY /////3.4e-37:55:87//HOMO SAPIENS (HUMAN)//P39189
 F-MAMMA1001222//HYPOTHETICAL 73.6 KD PROTEIN CY49.21.//3.7e-06:168:38//MYCOBACTERIUM TUBERCULOSIS//Q10690
 50 F-MAMMA1001243
 F-MAMMA1001244//TRP OPERON LEADER PEPTIDE.//1.0:18:55//SERRATIA MARCESCENS//P03055
 F-MAMMA1001249//HYPOTHETICAL 7.2 KD PROTEIN IN RPS2 3'REGION (ORF57).//0.57:23:34//ASTASIA LONGA (EUGLENOPHYCEAN ALGA)//P34774
 55 F-MAMMA1001256/////ALU SUBFAMILY J WARNING ENTRY /////2.3e-07:79:44//HOMO SAPIENS (HUMAN)//P39188
 F-MAMMA1001259//PUTATIVE DNA HELICASE II HOMOLOG (EC 3.6.1.-).//0.046:86:32//MYCOPLASMA GENITALIUM//P47486

F-MAMMA1001260//MYOSIN HEAVY CHAIN, PERINATAL SKELETAL MUSCLE//2.7e-05:219:27//HOMO SAPIENS (HUMAN)//P13535
 F-MAMMA1001268//LINE-1 REVERSE TRANSCRIPTASE HOMOLOG//9.7e-27:89:67//HOMO SAPIENS (HUMAN)//P08547
 5 F-MAMMA1001271//ATROPHIN-1 (DENTATORUBRAL-PALLIDOLUYSIAN ATROPHY PROTEIN)//4.0e-06:126:38//HOMO SAPIENS (HUMAN)//P54259
 F-MAMMA1001274//!!! ALU SUBFAMILY SQ WARNING ENTRY!!!!//7.4e-29:57:66//HOMO SAPIENS (HUMAN)//P39194
 10 F-MAMMA1001280//BACTERIOCIN MICROCIN B17 PRECURSOR (MCB17)//0.27:24:54//ESCHERICHIA COLI//P05834
 F-MAMMA1001292//HYPOTHETICAL PROTEIN KIAA0176 (FRAGMENT)//1.3e-73:208:69//HOMO SAPIENS (HUMAN)//Q14681
 F-MAMMA1001296//!!! ALU SUBFAMILY SP WARNING ENTRY!!!!//6.9e-22:41:80//HOMO SAPIENS (HUMAN)//P39193
 15 F-MAMMA1001298//HYPOTHETICAL PROTEIN HI0371//0.99:29:37//HAEMOPHILUS INFLUENZAE//P44668
 F-MAMMA1001305//GTPASE-ACTIVATING PROTEIN RHOGAP (RHO-RELATED SMALL GTPASE PROTEIN ACTIVATOR) (CDC42 GTPASE-ACTIVATING PROTEIN) (P50-RHOGAP)//9.9e-62:222:54//HOMO SAPIENS (HUMAN)//Q07960
 20 F-MAMMA1001322//B-CELL GROWTH FACTOR PRECURSOR (BCGF-12 KD)//2.1e-09:46:60//HOMO SAPIENS (HUMAN)//P20931
 F-MAMMA1001324//POL POLYPROTEIN [CONTAINS: PROTEASE (EC 3.4.23.-); REVERSE TRANSCRIPTASE (EC 2.7.7.49); RIBONUCLEASE H (EC 3.1.26.4)]//2.5e-43:128:50//FRIEND MURINE LEUKEMIA VIRUS (ISOLATE PVC-211) (F-MULV)//P26808
 F-MAMMA1001330//HEMOGLOBIN ZETA CHAIN (FRAGMENTS)//0.30:51:37//MACROPUS EUGENII (TAMMAR WALLABY)//P81044
 25 F-MAMMA1001341//TRISTETRAPROLINE (TTP) (TIS11A) (TIS11) (ZFP-36) (GROWTH FACTOR-INDUCIBLE NUCLEAR PROTEIN NUP475)//0.024:89:39//HOMO SAPIENS (HUMAN)//P26651
 F-MAMMA1001343//PROBABLE E5 PROTEIN//0.60:64:29//HUMAN PAPILLOMAVIRUS TYPE 16//P06927
 30 F-MAMMA1001346//PROTEINASE INHIBITOR IIB (FRAGMENTS)//0.97:33:45//SOLANUM TUBEROSUM (POTATO)//P01082
 F-MAMMA1001383//!!! ALU SUBFAMILY SQ WARNING ENTRY!!!!//1.2e-30:86:77//HOMO SAPIENS (HUMAN)//P39194
 F-MAMMA1001388//LEUCINE-RICH ALPHA-2-GLYCOPROTEIN (LRG)//9.2e-91:195:92//HOMO SAPIENS (HUMAN)//P02750
 35 F-MAMMA1001397//!!! ALU SUBFAMILY J WARNING ENTRY!!!!//3.5e-19:55:69//HOMO SAPIENS (HUMAN)//P39188
 F-MAMMA1001408//SALIVARY GLUE PROTEIN SGS-7 PRECURSOR//0.60:45:35//DROSOPHILA MELANOGASTER (FRUIT FLY)//P02841
 40 F-MAMMA1001411//GLUCOAMYLASE S1/S2 PRECURSOR (EC 3.2.1.3) (GLUCAN 1,4-ALPHA-GLUCOSIDASE) (1,4-ALPHA-D-GLUCAN GLUCOHYDROLASE)//5.8e-06:153:26//SACCHAROMYCES CEREVISIAE (BAKER'S YEAST)//P08640
 F-MAMMA1001419//!!! ALU SUBFAMILY SQ WARNING ENTRY!!!!//2.3e-16:99:51//HOMO SAPIENS (HUMAN)//P39194
 45 F-MAMMA1001420//!!! ALU SUBFAMILY SB1 WARNING ENTRY!!!!//0.0018:23:65//HOMO SAPIENS (HUMAN)//P39190
 F-MAMMA1001435//!!! ALU SUBFAMILY SX WARNING ENTRY!!!!//1.7e-22:60:58//HOMO SAPIENS (HUMAN)//P39195
 F-MAMMA1001442
 50 F-MAMMA1001446//!!! ALU SUBFAMILY SQ WARNING ENTRY!!!!//1.2e-23:48:75//HOMO SAPIENS (HUMAN)//P39194
 F-MAMMA1001452//GENE 35 PROTEIN (GP35)//0.61:31:45//MYCOBACTERIOPHAGE L5//Q05245
 F-MAMMA1001465//HYPOTHETICAL PROTEIN E-115//0.0026:68:38//HUMAN ADENOVIRUS TYPE 2//P03290
 55 F-MAMMA1001476//URIDINE KINASE (EC 2.7.1.48) (URIDINE MONOPHOSPHOKINASE) (FRAGMENT)//3.7e-94:201:92//MUS MUSCULUS (MOUSE)//P52623
 F-MAMMA1001487//LINE-1 REVERSE TRANSCRIPTASE HOMOLOG//4.6e-16:89:41//NYCTICEBUS COUCANG (SLOW LORIS)//P08548
 F-MAMMA1001501//CALPAIN 1, LARGE [CATALYTIC] SUBUNIT (EC 3.4.22.17) (CALCIUM-ACTIVATED NEU-

TRAL PROTEINASE) (CANP) (MU-TYPE).//6.2e-59:86:97//HOMO SAPIENS (HUMAN).//P07384
 F-MAMMA1001502//HYPOTHETICAL 11.4 KD PROTEIN (ORF1).//0.21:79:30//STREPTOMYCES FRADIAE.//
 P26800
 F-MAMMA1001510
 5 F-MAMMA1001522//HYPOTHETICAL 35.5 KD PROTEIN IN TRANSPOSON TN4556.//0.67:98:31//STREPTO-
 MYCES FRADIAE.//P20186
 F-MAMMA1001547//PROBABLE MOLYBDENUM-PTERIN BINDING PROTEIN.//0.97:35:42//HAEMOPHILUS
 INFLUENZAE.//P45183
 F-MAMMA1001551//HYPOTHETICAL PROTEIN MJ0458.1.//0.038:31:41//METHANOCOCCUS JANNASCHII.//
 10 P81308
 F-MAMMA1001575
 F-MAMMA1001576//TUBULIN GAMMA CHAIN.//1.6e-86:162:99//XENOPUS LAEVIS (AFRICAN CLAWED
 FROG).//P23330
 F-MAMMA1001590//!!!! ALU SUBFAMILY SX WARNING ENTRY.!!!!//0.0035:38:55//HOMO SAPIENS (HUMAN).//
 15 P39195
 F-MAMMA1001600//CONNECTIVE TISSUE GROWTH FACTOR PRECURSOR.//0.85:53:33//HOMO SAPIENS
 (HUMAN).//P29279
 F-MAMMA1001604//HYPOTHETICAL 11.1 KD PROTEIN C30D11.02C IN CHROMOSOME I.//0.14:82:29//
 SCHIZOSACCHAROMYCES POMBE (FISSION YEAST).//Q09902
 20 F-MAMMA1001606//HIGH MOBILITY GROUP PROTEIN HMGI-C.//6.2e-05:77:37//HOMO SAPIENS (HUMAN).//
 P52926
 F-MAMMA1001620//!!!! ALU SUBFAMILY SX WARNING ENTRY.!!!!//5.5e-05:24:66//HOMO SAPIENS (HU-
 MAN).//P39195
 F-MAMMA1001627//CUTICLE COLLAGEN 40.//0.82:131:31//CAENORHABDITIS ELEGANS.//P34804
 25 F-MAMMA1001630//!!!! ALU SUBFAMILY SQ WARNING ENTRY.!!!!//8.6e-26:57:78//HOMO SAPIENS (HU-
 MAN).//P39194
 F-MAMMA1001633//ZINC FINGER PROTEIN 165.//6.9e-38:160:55//HOMO SAPIENS (HUMAN).//P49910
 F-MAMMA1001635
 F-MAMMA1001649//SPERM PROTAMINE P1.//0.39:31:41//TACHYGLOSSUS ACULEATUS ACULEATUS (AUS-
 30 TRALIAN ECHIDNA).//P35311
 F-MAMMA1001654//NON-RECEPTOR TYROSINE KINASE SPORE LYSIS A (EC 2.7.1.112) (TYROSINE- PRO-
 TEIN KINASE 1).//5.6e-06:99:28//DICTYOSTELIUM DISCOIDEUM (SLIME MOLD).//P18160
 F-MAMMA1001663//VERY HYPOTHETICAL XYLU PROTEIN.//0.99:27:37//ESCHERICHIA COLI.//P05056
 F-MAMMA1001670//CUTICLE COLLAGEN 1.//0.033:97:37//CAENORHABDITIS ELEGANS.//P08124
 35 F-MAMMA1001671
 F-MAMMA1001679//PROCOLLAGEN ALPHA 2(IV) CHAIN PRECURSOR.//0.92:32:50//HOMO SAPIENS (HU-
 MAN).//P08572
 F-MAMMA1001683//HYPOTHETICAL 35.5 KD PROTEIN IN TRANSPOSON TN4556.//0.00026:147:34//STREP-
 40 TOMYCES FRADIAE.//P20186
 F-MAMMA1001686
 F-MAMMA1001692//SMALL HYDROPHOBIC PROTEIN (SMALL PROTEIN 1A).//1.0:34:26//BOVINE RESPIRA-
 TORY SYNCYTIAL VIRUS (STRAIN A51908) (BRS).//P24616
 F-MAMMA1001711//!!!! ALU SUBFAMILY SQ WARNING ENTRY.!!!!//1.1e-28:56:69//HOMO SAPIENS (HU-
 MAN).//P39194
 45 F-MAMMA1001715//!!!! ALU SUBFAMILY J WARNING ENTRY.!!!!//1.6e-08:39:71//HOMO SAPIENS (HUMAN).//
 P39188
 F-MAMMA1001730//METALLOTHIONEIN-B (MTB).//1.0:17:64//STRONGYLOCENTROTUS PURPURATUS
 (PURPLE SEA URCHIN).//Q27287
 F-MAMMA1001735//TUBULIN BETA-5 CHAIN (CLASS-V).//5.1e-121:213:97//GALLUS GALLUS (CHICKEN).//
 50 P09653
 F-MAMMA1001740
 F-MAMMA1001743//!!!! ALU SUBFAMILY SX WARNING ENTRY.!!!!//1.3e-09:100:42//HOMO SAPIENS (HU-
 MAN).//P39195
 F-MAMMA1001744//POU DOMAIN PROTEIN 2.//0.97:59:38//BRACHYDANIO RERIO (ZEBRAFISH) (ZEBRA
 55 DANIO).//Q90270
 F-MAMMA1001745//LINE-1 REVERSE TRANSCRIPTASE HOMOLOG.//2.1e-43:199:42//HOMO SAPIENS (HU-
 MAN).//P08547
 F-MAMMA1001751//TWK-8 PROTEIN.//2.9e-15:77:36//CAENORHABDITIS ELEGANS.//P34410

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F-MAMMA1001754//MALE SPECIFIC SPERM PROTEIN MST84DD//0.019:20:45//DROSOPHILA MELANOGASTER (FRUIT FLY)//Q01645
F-MAMMA1001757//HYPOTHETICAL 9.2 KD PROTEIN IN RNPA 3'REGION//0.94:30:43//PSEUDOMONAS PUTIDA//P25753
5 F-MAMMA1001760//!!!! ALU SUBFAMILY SB2 WARNING ENTRY !!!!!/4.6e-34:103:59//HOMO SAPIENS (HUMAN)//P39191
F-MAMMA1001764
F-MAMMA1001768//HYPOTHETICAL PROTEIN UL61//0.042:167:33//HUMAN CYTOMEGALOVIRUS (STRAIN AD169)//P16818
10 F-MAMMA1001769//!!!! ALU SUBFAMILY SQ WARNING ENTRY !!!!!/2.0e-29:97:69//HOMO SAPIENS (HUMAN)//P39194
F-MAMMA1001771//TRANSMEMBRANE PROTEIN SEX PRECURSOR//3.3e-09:123:32//HOMO SAPIENS (HUMAN)//P51805
F-MAMMA1001783//!!!! ALU SUBFAMILY J WARNING ENTRY !!!!!/1.1e-09:55:61//HOMO SAPIENS (HUMAN)//P39188
15 F-MAMMA1001785//RAS-RELATED PROTEIN RABC//1.9e-06:120:25//DICTYOSTELIUM DISCOIDEUM (SLIME MOLD)//P34143
F-MAMMA1001788//LINE-1 REVERSE TRANSCRIPTASE HOMOLOG//9.3e-29:46:76//HOMO SAPIENS (HUMAN)//P08547
20 F-MAMMA1001790//!!!! ALU SUBFAMILY J WARNING ENTRY !!!!!/4.7e-24:69:69//HOMO SAPIENS (HUMAN)//P39188
F-MAMMA1001806//HYPOTHETICAL 21.2 KD PROTEIN IN TOR2-MNN4 INTERGENIC REGION//0.95:58:36//SACCHAROMYCES CEREVISIAE (BAKER'S YEAST)//P36042
F-MAMMA1001812//!!!! ALU SUBFAMILY SX WARNING ENTRY !!!!!/8.8e-12:53:69//HOMO SAPIENS (HUMAN)//P39195
25 F-MAMMA1001815//LINE-1 REVERSE TRANSCRIPTASE HOMOLOG//0.11:30:70//HOMO SAPIENS (HUMAN)//P08547
F-MAMMA1001817//!!!! ALU SUBFAMILY J WARNING ENTRY !!!!!/2.9e-16:86:55//HOMO SAPIENS (HUMAN)//P39188
30 F-MAMMA1001818
F-MAMMA1001820//VITTELLINE MEMBRANE PROTEIN VM26AB PRECURSOR (PROTEIN TU-4) (PROTEIN SV23)//0.0030:63:42//DROSOPHILA MELANOGASTER (FRUIT FLY)//P13238
F-MAMMA1001824//APTOTOXIN VII (PARALYTIC PEPTIDE VII) (PP VII)//0.99:26:34//APTOSTICHUS SCHLINGERI (TRAP-DOOR SPIDER)//P49271
35 F-MAMMA1001836//!!!! ALU SUBFAMILY SX WARNING ENTRY !!!!!/2.6e-35:77:88//HOMO SAPIENS (HUMAN)//P39195
F-MAMMA1001837//ZINC FINGER PROTEIN 191//1.3e-27:106:58//HOMO SAPIENS (HUMAN)//O14754
F-MAMMA1001848//!!!! ALU SUBFAMILY J WARNING ENTRY !!!!!/1.0e-19:92:58//HOMO SAPIENS (HUMAN)//P39188
40 F-MAMMA1001851
F-MAMMA1001854
F-MAMMA1001858//ISOTOCIN-NEUROPHYSIN IT 1 PRECURSOR//0.93:42:38//CATOSTOMUS COMMERSONI (WHITE SUCKER)//P15210
F-MAMMA1001864//PROBABLE ABC TRANSPORTER PERMEASE PROTEIN MG189//0.77:161:27//MYCOPLASMA GENITALIUM//P47435
45 F-MAMMA1001868//FK506-BINDING NUCLEAR PROTEIN (PEPTIDYL-PROLYL CIS-TRANS ISOMERASE) (PPIASE) (EC 5.2.1.8) (PROLINE ROTAMASE) (NUCLEOLAR PROLINE ISOMERASE) (FKBP-70)//0.00013:219:26//SACCHAROMYCES CEREVISIAE (BAKER'S YEAST)//P38911
F-MAMMA1001874//SPERM HISTONE P2 PRECURSOR (PROTAMINE MP2)//0.0075:76:31//MUS MUSCULUS (MOUSE)//P07978
50 F-MAMMA1001878//GLYCINE-RICH CELL WALL STRUCTURAL PROTEIN (CLONE W10-1) (FRAGMENT)//0.020:10:80//LYCOPERSICON ESCULENTUM (TOMATO)//Q01157
F-MAMMA1001880
F-MAMMA1001890//!!!! ALU SUBFAMILY SC WARNING ENTRY !!!!!/5.1e-34:56:83//HOMO SAPIENS (HUMAN)//P39192
55 F-MAMMA1001907//!!!! ALU SUBFAMILY SQ WARNING ENTRY !!!!!/2.7e-12:44:68//HOMO SAPIENS (HUMAN)//P39194
F-MAMMA1001908//HYPOTHETICAL 16.2 KD PROTEIN IN PRP24-RRN9 INTERGENIC REGION//0.00013:77:

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37//SACCHAROMYCES CEREVISIAE (BAKER'S YEAST)//Q03525
 F-MAMMA1001931//HYPOTHETICAL 118.2 KD PROTEIN F43C1.1 IN CHROMOSOME III//0.41:106:29//
 CAENORHABDITIS ELEGANS//Q09564
 5 F-MAMMA1001956//OCTAPEPTIDE-REPEAT PROTEIN T2//0.00053:149:30//MUS MUSCULUS (MOUSE)//
 Q06666
 F-MAMMA1001963//HYPOTHETICAL PROTEIN IN NAC 5'REGION (ORF X) (FRAGMENT)//1.0:46:28//KLEB-
 SIELLA AEROGENES//Q08600
 F-MAMMA1001969//LINE-1 REVERSE TRANSCRIPTASE HOMOLOG//1.7e-34:97:68//HOMO SAPIENS (HU-
 MAN)//P08547
 10 F-MAMMA1001970//LINE-1 REVERSE TRANSCRIPTASE HOMOLOG//6.2e-07:67:37//HOMO SAPIENS (HU-
 MAN)//P08547
 F-MAMMA1001992//PROTEIN Q300//0.53:14:71//MUS MUSCULUS (MOUSE)//Q02722
 F-MAMMA1002009//PROBABLE E5 PROTEIN//0.17:56:32//HUMAN PAPILLOMAVIRUS TYPE 31//P17385
 F-MAMMA1002011//MYRISTOYLATED ALANINE-RICH C-KINASE SUBSTRATE (MARCKS) (PROTEIN KINASE
 15 C SUBSTRATE, 80 KD PROTEIN, LIGHT CHAIN) (PKCSL) (80K-L PROTEIN)//1.0:100:31//HOMO SAPIENS
 (HUMAN)//P29966
 F-MAMMA1002032//!!!! ALU SUBFAMILY J WARNING ENTRY !!!!!/3.1e-21:86:65//HOMO SAPIENS (HUMAN)//
 P39188
 F-MAMMA1002033//!!!! ALU SUBFAMILY J WARNING ENTRY !!!!!/8.5e-20:67:58//HOMO SAPIENS (HUMAN)//
 20 P39188
 F-MAMMA1002041//MALE SPECIFIC SPERM PROTEIN MST84DC//1.0:17:52//DROSOPHILA MELA-
 NOGASTER (FRUIT FLY)//Q01644
 F-MAMMA1002042//!!!! ALU SUBFAMILY SC WARNING ENTRY !!!!!/0.19:45:46//HOMO SAPIENS (HUMAN)//
 P39192
 25 F-MAMMA1002047//TYROSINE AMINOTRANSFERASE (EC 2.6.1.5) (L-TYROSINE:2-OXOGLUTARATE AMI-
 NOTRANSFERASE) (TAT)//0.0017:50:46//RATTUS NORVEGICUS (RAT)//P04694
 F-MAMMA1002056//!!!! ALU SUBFAMILY SQ WARNING ENTRY !!!!!/3.2e-37:70:77//HOMO SAPIENS (HU-
 MAN)//P39194
 F-MAMMA1002058//!!!! ALU SUBFAMILY J WARNING ENTRY !!!!!/1.1e-08:26:76//HOMO SAPIENS (HUMAN)//
 30 P39188
 F-MAMMA1002068//LINE-1 REVERSE TRANSCRIPTASE HOMOLOG//2.0e-11:78:46//HOMO SAPIENS (HU-
 MAN)//P08547
 F-MAMMA1002078//ATP SYNTHASE PROTEIN 8 (EC 3.6.1.34) (A6L)//0.96:26:46//COTURNIX COTURNIX
 JAPONICA (JAPANESE QUAIL)//P50682
 35 F-MAMMA1002082//SUPPRESSOR PROTEIN SRP40//0.23:95:32//SACCHAROMYCES CEREVISIAE (BAK-
 ER'S YEAST)//P32583
 F-MAMMA1002084//HYPOTHETICAL 7.5 KD PROTEIN//1.0:40:35//VACCINIA VIRUS (STRAIN COPENHA-
 GEN)//P20520
 F-MAMMA1002093
 40 F-MAMMA1002108//HYPOTHETICAL 35.5 KD PROTEIN IN TRANSPOSON TN4556//0.00079:143:33//STREP-
 TOMYCES FRADIAE//P20186
 F-MAMMA1002118//ATP SYNTHASE PROTEIN 8 (EC 3.6.1.34) (A6L)//1.0:43:34//METRIDIDIUM SENILE
 (BROWN SEA ANEMONE) (FRILLED SEA ANEMONE)//O47493
 F-MAMMA1002125//!!!! ALU SUBFAMILY SC WARNING ENTRY !!!!!/1.9e-14:60:68//HOMO SAPIENS (HU-
 45 MAN)//P39192
 F-MAMMA1002132
 F-MAMMA1002140//!!!! ALU SUBFAMILY J WARNING ENTRY !!!!!/1.4e-24:69:65//HOMO SAPIENS (HUMAN)//
 P39188
 F-MAMMA1002143//SERUM PROTEIN MSE55//2.1e-16:166:43//HOMO SAPIENS (HUMAN)//Q00587
 50 F-MAMMA1002145//36.4 KD PROLINE-RICH PROTEIN//0.00014:84:29//LYCOPERSICON ESCULENTUM (TO-
 MATO)//Q00451
 F-MAMMA1002153
 F-MAMMA1002155
 F-MAMMA1002156//METALLOPROTEINASE INHIBITOR PRECURSOR//0.90:58:34//STREPTOMYCES NI-
 55 GRESCENS//P01077
 F-MAMMA1002158
 F-MAMMA1002170//40S RIBOSOMAL PROTEIN S2 (S4) (LLREP3 PROTEIN)//6.0e-66:157:70//HOMO SAPI-
 ENS (HUMAN)//P15880

F-MAMMA1002174//!!!! ALU SUBFAMILY J WARNING ENTRY !!!!!/6.5e-25:56:64//HOMO SAPIENS (HUMAN)//
P39188

F-MAMMA1002198//THIOREDOXIN PEROXIDASE 1 (THIOREDOXIN-DEPENDENT PEROXIDE REDUCTASE
1) (THIOL-SPECIFIC ANTIOXIDANT PROTEIN) (TSA) (PRP) (NATURAL KILLER CELL ENHANCING FACTOR
5 B) (NKEF-B)//9.0e-09:28:100//HOMO SAPIENS (HUMAN)//P32119

F-MAMMA1002209//TRANSCRIPTION INITIATION FACTOR TFIID 135 KD SUBUNIT (TAFII-135) (TAFII135)
(TAFII-130) (TAFII130)//0.0023:132:33//HOMO SAPIENS (HUMAN)//O00268

F-MAMMA1002215//PROCOLLAGEN ALPHA 1(I) CHAIN PRECURSOR//0.00032:68:35//HOMO SAPIENS (HU-
MAN)//P02452

10 F-MAMMA1002219//INTRACELLULAR PROTEIN TRANSPORT PROTEIN USO1//0.0079:224:24//SACCHARO-
MYCES CEREVISIAE (BAKER'S YEAST)//P25386

F-MAMMA1002230

F-MAMMA1002236//TRANSLATION INITIATION FACTOR EIF-2B GAMMA SUBUNIT (EIF-2B GDP-GTP EX-
CHANGE FACTOR)//1.4e-118:151:94//RATTUS NORVEGICUS (RAT)//P70541

15 F-MAMMA1002243//WISKOTT-ALDRICH SYNDROME PROTEIN HOMOLOG (WASP)//0.028:112:33//MUS
MUSCULUS (MOUSE)//P70315

F-MAMMA1002250//T-CELL RECEPTOR BETA CHAIN PRECURSOR (ANA 11)//0.0012:80:32//ORYCTOLA-
GUS CUNICULUS (RABBIT)//P06333

F-MAMMA1002267//ATP SYNTHASE A CHAIN (EC 3.6.1.34) (PROTEIN 6)//0.17:139:28//TRYPANOSOMA
20 BRUCEI BRUCEI//P24499

F-MAMMA1002268//60S RIBOSOMAL PROTEIN L22//0.00026:163:30//DROSOPHILA MELANOGASTER
(FRUIT FLY)//P50887

F-MAMMA1002269//HISTIDINE-RICH, METAL BINDING POLYPEPTIDE//0.35:14:57//HELICOBACTER PY-
LORI (CAMPYLOBACTER PYLORI)//Q48251

25 F-MAMMA1002282//!!!! ALU SUBFAMILY SC WARNING ENTRY !!!!!/6.1e-05:32:65//HOMO SAPIENS (HU-
MAN)//P39192

F-MAMMA1002292//TROPOMYOSIN 2//1.4e-05:100:30//SACCHAROMYCES CEREVISIAE (BAKER'S
YEAST)//P40414

F-MAMMA1002293//!!!! ALU SUBFAMILY J WARNING ENTRY !!!!!/6.8e-25:127:44//HOMO SAPIENS (HUMAN)//
30 P39188

F-MAMMA1002294//ALPHA TRANS-INDUCING PROTEIN (ALPHA-TIF)//0.00011:138:38//BOVINE HERPESVI-
RUS TYPE 1 (STRAIN P8-2)//P30020

F-MAMMA1002297//A-AGGLUTININ ATTACHMENT SUBUNIT PRECURSOR//0.15:144:30//SACCHAROMY-
CES CEREVISIAE (BAKER'S YEAST)//P32323

35 F-MAMMA1002298//PROLINE-RICH PROTEIN MP-3 (FRAGMENT)//1.0e-05:40:50//MUS MUSCULUS
(MOUSE)//P05143

F-MAMMA1002299//NADH-UBIQUINONE OXIDOREDUCTASE CHAIN 4L (EC 1.6.5.3)//0.84:65:32//STRUTHIO
CAMELUS (OSTRICH)//O21405

F-MAMMA1002308//!!!! ALU SUBFAMILY J WARNING ENTRY !!!!!/4.3e-29:61:73//HOMO SAPIENS (HUMAN)//
40 P39188

F-MAMMA1002310//SPERM MITOCHONDRIAL CAPSULE SELENOPROTEIN (MCS)//0.00016:70:38//MUS
MUSCULUS (MOUSE)//P15265

F-MAMMA1002311//!!!! ALU SUBFAMILY SB WARNING ENTRY !!!!!/9.4e-09:84:54//HOMO SAPIENS (HU-
MAN)//P39189

45 F-MAMMA1002312//HYPOTHETICAL 10.8 KD PROTEIN IN GP30-RIII INTERGENIC REGION (URF Y)//0.48:
48:33//BACTERIOPHAGE T4//P33084

F-MAMMA1002317

F-MAMMA1002319//RETROVIRUS-RELATED POL POLYPROTEIN [CONTAINS: REVERSE TRANSCRIPTASE
(EC 2.7.7.49); ENDONUCLEASE]//0.011:128:27//MUS MUSCULUS (MOUSE)//P11369

50 F-MAMMA1002322//!!!! ALU SUBFAMILY SX WARNING ENTRY !!!!!/5.2e-20:92:57//HOMO SAPIENS (HU-
MAN)//P39195

F-MAMMA1002329//ATP SYNTHASE PROTEIN 8 (EC 3.6.1.34) (A6L)//0.051:33:36//XENOPUS LAEVIS (AFRI-
CAN CLAWED FROG)//P03931

F-MAMMA1002332//LINE-1 REVERSE TRANSCRIPTASE HOMOLOG//6.5e-20:116:51//HOMO SAPIENS (HU-
MAN)//P08547

55 F-MAMMA1002333//COLLAGEN ALPHA 1(I) CHAIN (FRAGMENTS)//0.0017:214:31//BOS TAURUS (BO-
VINE)//P02453

F-MAMMA1002339//COPPER-METALLOTHIONEIN (CU-MT)//0.59:42:38//HELIX POMATIA (ROMAN SNAIL)

(EDIBLE SNAIL).//P55947
 F-MAMMA1002347//!!!! ALU SUBFAMILY J WARNING ENTRY !!!!!/0.43:26:61//HOMO SAPIENS (HUMAN)//
 P39188
 5 F-MAMMA1002351//HYPOTHETICAL PROTEIN MJ0304./2.3e-07:139:25//METHANOCOCCUS JANNAS-
 CHII./Q57752
 F-MAMMA1002352
 F-MAMMA1002353//!!!! ALU SUBFAMILY J WARNING ENTRY !!!!!/0.00028:31:80//HOMO SAPIENS (HUMAN)//
 P39188
 10 F-MAMMA1002355//!!!! ALU SUBFAMILY SP WARNING ENTRY !!!!!/4.2e-28:87:73//HOMO SAPIENS (HU-
 MAN)//P39193
 F-MAMMA1002356//RELAXIN./0.95:31:35//SQUALUS ACANTHIAS (SPINY DOGFISH).//P11953
 F-MAMMA1002359//CHLOROPLAST 50S RIBOSOMAL PROTEIN L33./0.93:44:36//GUILLARDIA THETA
 (CRYPTOMONAS PHI).//O78487
 15 F-MAMMA1002360//LATE L2 MU CORE PROTEIN PRECURSOR (PROTEIN X).//0.94:30:43//BOVINE ADENO-
 VIRUS TYPE 2 (MASTADENOVIRUS BOS2).//Q96626
 F-MAMMA1002361//!!!! ALU SUBFAMILY J WARNING ENTRY !!!!!/2.0e-08:45:68//HOMO SAPIENS (HUMAN)//
 P39188
 F-MAMMA1002362//ATP SYNTHASE PROTEIN 8 (EC 3.6.1.34) (A6L).//0.58:23:26//LUMBRICUS TERRESTRIS
 (COMMON EARTHWORM).//Q34942
 20 F-MAMMA1002380//SALIVARY GLUE PROTEIN SGS-3 PRECURSOR./0.23:100:27//DROSOPHILA SIMU-
 LANS (FRUIT FLY).//P13729
 F-MAMMA1002384
 F-MAMMA1002385//HYPOTHETICAL 40.9 KD PROTEIN IN ORC2-TIP1 INTERGENIC REGION./3.8e-14:125:
 37//SACCHAROMYCES CEREVISIAE (BAKER'S YEAST).//P38241
 25 F-MAMMA1002392//ATP SYNTHASE PROTEIN 8 (EC 3.6.1.34) (A6L).//1.0:17:58//BRANCHIOSTOMA LANCEO-
 LATUM (COMMON LANCELET) (AMPHIOXUS).//O21003
 F-MAMMA1002411//30S RIBOSOMAL PROTEIN S17./0.85:49:32//SYNECHOCYSTIS SP. (STRAIN PCC
 6803).//P73311
 30 F-MAMMA1002413//NADH-UBIQUINONE OXIDOREDUCTASE CHAIN 1 (EC 1.6.5.3) (FRAGMENT).//0.97:41:
 39//DROSOPHILA AFFINIS (FRUIT FLY).//P51926
 F-MAMMA1002417//RFBJ PROTEIN./0.99:31:35//SHIGELLA FLEXNERI.//P37786
 F-MAMMA1002427//!!!! ALU SUBFAMILY SQ WARNING ENTRY !!!!!/1.6e-33:135:59//HOMO SAPIENS (HU-
 MAN).//P39194
 35 F-MAMMA1002428//HYPOTHETICAL PROTEIN C18./0.97:34:44//SWINEPOX VIRUS (STRAIN KASZA)
 (SPV).//P32217
 F-MAMMA1002434//!!!! ALU SUBFAMILY SB WARNING ENTRY !!!!!/3.1e-36:56:78//HOMO SAPIENS (HU-
 MAN).//P39189
 F-MAMMA1002446
 F-MAMMA1002454//EARLY NODULIN 20 PRECURSOR (N-20).//0.77:57:45//MEDICAGO TRUNCATULA (BAR-
 REL MEDIC).//P93329
 40 F-MAMMA1002461//VASODILATOR-STIMULATED PHOSPHOPROTEIN (VASP).//1.3e-05:193:32//CANIS FA-
 MILIARIS (DOG).//P50551
 F-MAMMA1002470//HYPOTHETICAL 80.7 KD PROTEIN IN ERG7-NMD2 INTERGENIC REGION./1.0e-75:231:
 60//SACCHAROMYCES CEREVISIAE (BAKER'S YEAST).//P38795
 45 F-MAMMA1002475//POSSIBLE GLOBAL TRANSCRIPTION ACTIVATOR SNF2L4 (SNF2-BETA) (BRG-1 PRO-
 TEIN) (MITOTIC GROWTH AND TRANSCRIPTION ACTIVATOR) (BRAHMA PROTEIN HOMOLOG 1).//0.013:
 99:30//HOMO SAPIENS (HUMAN).//P51532
 F-MAMMA1002480//NONSTRUCTURAL PROTEIN 5B./1.0:23:43//HUMAN CORONAVIRUS (STRAIN 229E).//
 P19741
 50 F-MAMMA1002485//STANNIOCALCIN PRECURSOR./2.1e-23:88:46//HOMO SAPIENS (HUMAN).//P52823
 F-MAMMA1002494//MOLT-INHIBITING HORMONE (MIH).//1.0:32:37//PROCAMBARUS CLARKII (RED SWAMP
 CRAYFISH).//P55848
 F-MAMMA1002498//6.7 KD PROTEIN (ORF 5).//1.0:26:42//BARLEY YELLOW DWARF VIRUS (ISOLATE PAV)
 (BYDV).//P09517
 55 F-MAMMA1002524//HYPOTHETICAL 117.8 KD PROTEIN IN STE2-FRS2 INTERGENIC REGION./5.0e-26:222:
 35//SACCHAROMYCES CEREVISIAE (BAKER'S YEAST).//P43571
 F-MAMMA1002530//CYTOSOLIC PHOSPHOLIPASE A2 (EC 3.1.1.4) (CPLA2) (PHOSPHATIDYLCHOLINE
 2-ACYLHYDROLASE) / LYSOPHOSPHOLIPASE (EC 3.1.1.5).//4.5e-12:88:44//HOMO SAPIENS (HUMAN).//

P47712

F-MAMMA1002545//!!!! ALU SUBFAMILY SX WARNING ENTRY !!!!!/4.3e-29:97:71//HOMO SAPIENS (HUMAN)//P39195

F-MAMMA1002554//DNA-DIRECTED RNA POLYMERASE II LARGEST SUBUNIT (EC 2.7.7.6) (RPB1) (FRAGMENT)//0.46:54:40//CRICETULUS GRISEUS (CHINESE HAMSTER)//P11414

F-MAMMA1002556//METALLOTHIONEIN 20-I ISOFORMS A AND B (MT-20-IA AND MT-20-IB)//0.99:21:47//MYTILUS EDULIS (BLUE MUSSEL)//P80251

F-MAMMA1002566//TRANSCRIPTION FACTOR P65 (NUCLEAR FACTOR NF-KAPPA-B P65 SUBUNIT)//0.70:130:30//MUS MUSCULUS (MOUSE)//Q04207

F-MAMMA1002571//DNA-DIRECTED RNA POLYMERASE II LARGEST SUBUNIT (EC 2.7.7.6) (FRAGMENT)//0.54:45:51//DICTYOSTELIUM DISCOIDEUM (SLIME MOLD)//P35084

F-MAMMA1002573//PARATHYMOSIN//1.5e-07:69:46//HOMO SAPIENS (HUMAN)//P20962

F-MAMMA1002585//MYOSIN LIGHT CHAIN 1, SLOW-TWITCH MUSCLE B/VENTRICULAR ISOFORM (FRAGMENT)//0.38:36:36//MUS MUSCULUS (MOUSE)//P09542

F-MAMMA1002590//!!!! ALU SUBFAMILY SX WARNING ENTRY !!!!!/0.99:22:77//HOMO SAPIENS (HUMAN)//P39195

F-MAMMA1002597//!!!! ALU SUBFAMILY SQ WARNING ENTRY !!!!!/2.1e-18:44:70//HOMO SAPIENS (HUMAN)//P39194

F-MAMMA1002598//60S RIBOSOMAL PROTEIN L7//1.8e-16:40:100//HOMO SAPIENS (HUMAN)//P18124

F-MAMMA1002603

F-MAMMA1002612//30S RIBOSOMAL PROTEIN S16 (FRAGMENT)//1.0:29:37//THERMUS AQUATICUS//Q07348

F-MAMMA1002617//ACIDIC PROLINE-RICH PROTEIN PRECURSOR (CLONE PRP25) (FRAGMENT)//0.00041:81:34//RATTUS NORVEGICUS (RAT)//P10164

F-MAMMA1002618//ESCARGOT/SNAIL PROTEIN HOMOLOG (FRAGMENT)//0.11:18:50//PSYCHODA CINE-REA//Q02027

F-MAMMA1002619//PROBABLE UBIQUITIN CARBOXYL-TERMINAL HYDROLASE K02C4.3 (EC 3.1.2.15) (UBIQUITIN THIOLESTERASE) (UBIQUITIN-SPECIFIC PROCESSING PROTEASE) (DEUBIQUITINATING ENZYME)//1.8e-13:110:40//CAENORHABDITIS ELEGANS//Q09931

F-MAMMA1002622//!!!! ALU SUBFAMILY J WARNING ENTRY !!!!!/8.4e-05:53:58//HOMO SAPIENS (HUMAN)//P39188

F-MAMMA1002623//PEPTIDYL-GLYCINE ALPHA-AMIDATING MONOOXYGENASE PRECURSOR (EC 1.14.17.3) (PAM)//2.6e-07:37:78//HOMO SAPIENS (HUMAN)//P19021

F-MAMMA1002625

F-MAMMA1002629//!!!! ALU SUBFAMILY J WARNING ENTRY !!!!!/4.4e-19:49:73//HOMO SAPIENS (HUMAN)//P39188

F-MAMMA1002636//COLLAGEN ALPHA 2(VI) CHAIN (FRAGMENT)//1.7e-07:189:32//HOMO SAPIENS (HUMAN)//P12110

F-MAMMA1002637//KINESIN LIGHT CHAIN (KLC)//7.7e-54:227:52//RATTUS NORVEGICUS (RAT)//P37285

F-MAMMA1002646//NEUROFILAMENT TRIPLET H PROTEIN (200 KD NEUROFILAMENT PROTEIN) (NF-H)//0.034:199:25//MUS MUSCULUS (MOUSE)//P19246

F-MAMMA1002650//TRANSCRIPTION REGULATOR PROTEIN BACH2 (BTB AND CNC HOMOLOG 2)//1.7e-07:104:32//MUS MUSCULUS (MOUSE)//P97303

F-MAMMA1002655//SMALL PROLINE-RICH PROTEIN II (SPR-II) (CLONE 174N)//1.0:25:44//HOMO SAPIENS (HUMAN)//P22532

F-MAMMA1002662

F-MAMMA1002665//!!!! ALU SUBFAMILY SQ WARNING ENTRY !!!!!/2.3e-07:54:57//HOMO SAPIENS (HUMAN)//P39194

F-MAMMA1002671//ACETYL-COENZYME A SYNTHETASE (EC 6.2.1.1) (ACETATE--COA LIGASE) (ACYL- ACTIVATING ENZYME)//1.4e-10:144:31//ESCHERICHIA COLI//P27550

F-MAMMA1002673//BREVICAN CORE PROTEIN PRECURSOR//0.76:64:39//BOS TAURUS (BOVINE)//Q28062

F-MAMMA1002684//HYPOTHETICAL 11.8 KD PROTEIN IN GP55-NRDG INTERGENIC REGION//0.094:77:27//BACTERIOPHAGE T4//P07079

F-MAMMA1002685//COLLAGEN ALPHA 1(I) CHAIN (FRAGMENTS)//0.0017:177:34//RATTUS NORVEGICUS (RAT)//P02454

F-MAMMA1002698

F-MAMMA1002699//HYPOTHETICAL 45.1 KD PROTEIN IN RPS5-ZMS1 INTERGENIC REGION//1.2e-28:127:

47//SACCHAROMYCES CEREVISIAE (BAKER'S YEAST)//P47160
 F-MAMMA1002701//!!!! ALU SUBFAMILY J WARNING ENTRY !!!!!/1.0:14:92//HOMO SAPIENS (HUMAN)//
 P39188
 5 F-MAMMA1002708//!!!! ALU SUBFAMILY SP WARNING ENTRY !!!!!/7.9e-27:52:65//HOMO SAPIENS (HU-
 MAN)//P39193
 F-MAMMA1002711//!!!! ALU SUBFAMILY J WARNING ENTRY !!!!!/3.7e-24:54:75//HOMO SAPIENS (HUMAN)//
 P39188
 F-MAMMA1002721
 F-MAMMA1002727//SOX-13 PROTEIN (FRAGMENT)//0.70:36:38//MUS MUSCULUS (MOUSE)//Q04891
 10 F-MAMMA1002728//HYPOTHETICAL 6.0 KD PROTEIN//1.0:25:44//THERMOPROTEUS TENAX VIRUS 1
 (STRAIN KRA1) (TTV1)//P19305
 F-MAMMA1002744//HYPOTHETICAL 13.4 KD PROTEIN IN ACT5-YCK1 INTERGENIC REGION//1.0:52:34//
 SACCHAROMYCES CEREVISIAE (BAKER'S YEAST)//P38834
 F-MAMMA1002746//HYPOTHETICAL 5.6 KD PROTEIN (ORF A-45)//1.0:22:40//SULFOLOBUS VIRUS-LIKE
 15 PARTICLE SSV1//P20198
 F-MAMMA1002748
 F-MAMMA1002754//!!!! ALU SUBFAMILY J WARNING ENTRY !!!!!/5.1e-21:56:64//HOMO SAPIENS (HUMAN)//
 P39188
 F-MAMMA1002758//MALE SPECIFIC SPERM PROTEIN MST84DD//0.37:14:64//DROSOPHILA MELA-
 20 NOGASTER (FRUIT FLY)//Q01645
 F-MAMMA1002764//!!!! ALU SUBFAMILY SQ WARNING ENTRY !!!!!/4.7e-32:79:60//HOMO SAPIENS (HU-
 MAN)//P39194
 F-MAMMA1002765//PARATHYMOSIN//0.79:63:28//BOS TAURUS (BOVINE)//P08814
 F-MAMMA1002769//GAR2 PROTEIN//0.00037:192:27//SCHIZOSACCHAROMYCES POMBE (FISSION
 25 YEAST)//P41891
 F-MAMMA1002775//HYPOTHETICAL 36.7 KD PROTEIN C2F7.14C IN CHROMOSOME I//5.4e-54:240:49//
 SCHIZOSACCHAROMYCES POMBE (FISSION YEAST)//Q09704
 F-MAMMA1002780
 F-MAMMA1002782//MARGATOXIN (MGTX)//1.0:31:38//CENTRUROIDES MARGARITATUS (SCORPION)//
 30 P40755
 F-MAMMA1002796//ICE NUCLEATION PROTEIN//0.0018:100:41//PSEUDOMONAS FLUORESCENS//
 P09815
 F-MAMMA1002807//!!!! ALU SUBFAMILY J WARNING ENTRY !!!!!/9.3e-23:100:59//HOMO SAPIENS (HUMAN)//
 P39188
 35 F-MAMMA1002820//NEUROTOXIN IV (LQQ IV)//1.0:18:50//LEIURUS QUINQUESTRIATUS QUINQUESTRIA-
 TUS (EGYPTIAN SCORPION)//P01489
 F-MAMMA1002830//!!!! ALU SUBFAMILY SX WARNING ENTRY !!!!!/4.7e-24:55:74//HOMO SAPIENS (HU-
 MAN)//P39195
 F-MAMMA1002833//!!!! ALU SUBFAMILY SB WARNING ENTRY !!!!!/2.6e-31:95:73//HOMO SAPIENS (HU-
 40 MAN)//P39189
 F-MAMMA1002835//HYPOTHETICAL 42.1 KD PROTEIN F13G3.3 IN CHROMOSOME I//1.0:54:37//
 CAENORHABDITIS ELEGANS//Q19417
 F-MAMMA1002838//!!!! ALU SUBFAMILY SP WARNING ENTRY !!!!!/2.5e-27:99:70//HOMO SAPIENS (HU-
 MAN)//P39193
 45 F-MAMMA1002842//!!!! ALU SUBFAMILY SX WARNING ENTRY !!!!!/2.3e-13:65:63//HOMO SAPIENS (HU-
 MAN)//P39195
 F-MAMMA1002843//METALLOTHIONEIN-II (MT-II)//0.97:19:47//MUS MUSCULUS (MOUSE)//P02798
 F-MAMMA1002844//HYPOTHETICAL 24.1 KD PROTEIN IN LEF4-P33 INTERGENIC REGION//4.9e-08:119:36//
 AUTOGRAPHA CALIFORNICA NUCLEAR POLYHEDROSIS VIRUS (ACMNPV)//P41479
 50 F-MAMMA1002858//ATP SYNTHASE PROTEIN 8 (EC. 3.6.1.34) (A6L)//0.98:37:37//PAN TROGLODYTES
 (CHIMPANZEE)//Q35647
 F-MAMMA1002868//!!!! ALU SUBFAMILY J WARNING ENTRY !!!!!/3.8e-10:51:62//HOMO SAPIENS (HUMAN)//
 P39188
 F-MAMMA1002869//PINCH PROTEIN (PARTICULARLY INTERESTING NEW CYS-HIS PROTEIN)//1.8e-95:194:
 55 78//HOMO SAPIENS (HUMAN)//P48059
 F-MAMMA1002871//G-PROTEIN COUPLED RECEPTOR HOMOLOG R33//1.0:51:35//RAT CYTOMEGALOVIRUS
 (STRAIN MAASTRICHT)//O12000
 F-MAMMA1002880

EP 1 074 617 A2

F-MAMMA1002881//GLIOMA PATHOGENESIS-RELATED PROTEIN (RTVP-1 PROTEIN)//3.3e-22:180:35//HOMO SAPIENS (HUMAN)//P48060
F-MAMMA1002886//MYOSIN HEAVY CHAIN IB (MYOSIN HEAVY CHAIN IL)//0.00011:148:39//ACANTHAMOEBA CASTELLANII (AMOEBA)//P19706
5 F-MAMMA1002887
F-MAMMA1002890//A-AGGLUTININ ATTACHMENT SUBUNIT PRECURSOR//0.030:142:25//SACCHAROMYCES CEREVISIAE (BAKER'S YEAST)//P32323
F-MAMMA1002892
10 F-MAMMA1002895//HYPOTHETICAL PROTEIN UL61//0.00099:143:35//HUMAN CYTOMEGALOVIRUS (STRAIN AD169)//P16818
F-MAMMA1002908//T-CELL RECEPTOR BETA CHAIN PRECURSOR (ANA 11)//0.12:44:43//ORYCTOLAGUS CUNICULUS (RABBIT)//P06333
F-MAMMA1002909//!!!! ALU SUBFAMILY J WARNING ENTRY !!!!!/0.00011:28:75//HOMO SAPIENS (HUMAN)//P39188
15 F-MAMMA1002930//BOMBYXIN A-7 PRECURSOR (BBX-A7) (4K-PROTHORACICOTROPIC HORMONE) (4K-PTTH)//0.99:45:46//BOMBYX MORI (SILK MOTH)//P26730
F-MAMMA1002937//ZINC FINGER PROTEIN 42 (MYELOID ZINC FINGER 1) (MZF-1)//6.5e-24:147:34//HOMO SAPIENS (HUMAN)//P28698
F-MAMMA1002938//CERULOPLASMIN PRECURSOR (EC 1.16.3.1) (FERROXIDASE)//4.7e-11:44:68//MUS MUSCULUS (MOUSE)//Q61147
20 F-MAMMA1002941//PROTEIN Q300//0.0076:21:61//MUS MUSCULUS (MOUSE)//Q02722
F-MAMMA1002947//HYPOTHETICAL 35.5 KD PROTEIN IN TRANSPOSON TN4556//1.9e-08:152:38//STREPTOMYCES FRADIAE//P20186
F-MAMMA1002964
25 F-MAMMA1002970//!!!! ALU SUBFAMILY SB WARNING ENTRY !!!!!/0.0057:55:43//HOMO SAPIENS (HUMAN)//P39189
F-MAMMA1002972//BRAIN-SPECIFIC HOMEBOX/POU DOMAIN PROTEIN 3A (BRN-3A) (OCT-T1) (HOMEBOX/POU DOMAIN PROTEIN RDC-1)//0.84:53:41//HOMO SAPIENS (HUMAN)//Q01851
30 F-MAMMA1002973//!!!! ALU SUBFAMILY SC WARNING ENTRY !!!!!/4.6e-11:54:68//HOMO SAPIENS (HUMAN)//P39192
F-MAMMA1002982
F-MAMMA1002987//HYPOTHETICAL 11.9 KD PROTEIN IN RPC8-MFA2 INTERGENIC REGION//0.17:47:29//SACCHAROMYCES CEREVISIAE (BAKER'S YEAST)//P53906
F-MAMMA1003003//!!!! ALU SUBFAMILY SX WARNING ENTRY !!!!!/8.6e-09:30:73//HOMO SAPIENS (HUMAN)//P39195
35 F-MAMMA1003004//!!!! ALU SUBFAMILY SX WARNING ENTRY !!!!!/0.0071:41:58//HOMO SAPIENS (HUMAN)//P39195
F-MAMMA1003007//SPERM PROTAMINE P1//0.0076:51:37//TACHYGLOSSUS ACULEATUS ACULEATUS (AUSTRALIAN ECHIDNA)//P35311
40 F-MAMMA1003011//HISTONE MACRO-H2A.1//1.8e-60:175:70//RATTUS NORVEGICUS (RAT)//Q02874
F-MAMMA1003013//ACTIN BINDING PROTEIN//0.097:83:31//SACCHAROMYCES EXIGUUS (YEAST)//P38479
F-MAMMA1003015
F-MAMMA1003019//MYOTUBULARIN//0.022:56:37//HOMO SAPIENS (HUMAN)//Q13496
45 F-MAMMA1003026//HYPOTHETICAL 29.3 KD PROTEIN (ORF92)//0.0014:208:27//ORGYIA PSEUDOTSUGATA MULTICAPSID POLYHEDROSIS VIRUS (OPMNPV)//O10341
F-MAMMA1003031//PROBABLE E4 PROTEIN (E1^E4)//0.14:49:32//HUMAN PAPILLOMAVIRUS TYPE 6B//P06459
50 F-MAMMA1003035//HYPOTHETICAL 24.4 KD PROTEIN IN LPD 3'REGION (ORF4)//5.1e-12:112:34//ZYMOONAS MOBILIS//O66114
F-MAMMA1003039//!!!! ALU SUBFAMILY J WARNING ENTRY !!!!!/2.4e-07:68:54//HOMO SAPIENS (HUMAN)//P39188
F-MAMMA1003040//!!!! ALU SUBFAMILY SB1 WARNING ENTRY !!!!!/2.8e-39:90:57//HOMO SAPIENS (HUMAN)//P39190
55 F-MAMMA1003044
F-MAMMA1003047//SPERM HISTONE P2 PRECURSOR (PROTAMINE 2)//0.18:25:44//BOS TAURUS (BOVINE)//P19782
F-MAMMA1003049//PROBABLE E4 PROTEIN//0.50:67:29//HUMAN PAPILLOMAVIRUS TYPE 6C//P20969

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F-MAMMA1003055//WEAK TOXIN CM-2.//0.99:23:30//NAJA HAJE HAJE (EGYPTIAN COBRA)//P01415
 F-MAMMA1003056//EXPORTED PROTEIN 7 (FRAGMENT)//1.0:52:32//STREPTOCOCCUS PNEUMONIAE//
 P35597
 F-MAMMA1003057//MD6 PROTEIN//1.5e-85:168:95//MUS MUSCULUS (MOUSE)//Q60584
 5 F-MAMMA1003066//REGB PROTEIN//1.0:62:27//PSEUDOMONAS AERUGINOSA//Q03381
 F-MAMMA1003089//!!!! ALU SUBFAMILY SB1 WARNING ENTRY !!!!!/5.1e-15:44:77//HOMO SAPIENS (HU-
 MAN)//P39190
 F-MAMMA1003099//ENDOTHELIAL ACTIN-BINDING PROTEIN (ABP-280) (NONMUSCLE FILAMIN) (FILAMIN
 1)//4.8e-20:80:62//HOMO SAPIENS (HUMAN)//P21333
 10 F-MAMMA1003104//PHOTOSYSTEM I REACTION CENTRE SUBUNIT VIII//0.98:22:40//SYNECHOCOCCUS
 ELONGATUS NAEGELI//P25900
 F-MAMMA1003113//PROCOLLAGEN ALPHA 2(I) CHAIN PRECURSOR (FRAGMENTS)//0.67:35:45//GALLUS
 GALLUS (CHICKEN)//P02467
 F-MAMMA1003127//MYOSIN I ALPHA (MMI-ALPHA)//5.2e-34:141:56//MUS MUSCULUS (MOUSE)//P46735
 15 F-MAMMA1003135//HYPOTHETICAL 182.0 KD PROTEIN IN NMD5-HOM6 INTERGENIC REGION//3.6e-05:91:
 34//SACCHAROMYCES CEREVISIAE (BAKER'S YEAST)//P47170
 F-MAMMA1003140
 F-MAMMA1003146//MALE SPECIFIC SPERM PROTEIN MST87F//1.0:33:36//DROSOPHILA MELANOGASTER
 (FRUIT FLY)//P08175
 20 F-MAMMA1003150//HYPOTHETICAL 84.3 KD PROTEIN ZK945.10 IN CHROMOSOME II//4.4e-10:254:30//
 CAENORHABDITIS ELEGANS//Q09625
 F-MAMMA1003166//BRAIN PROTEIN H5//4.0e-42:182:48//HOMO SAPIENS (HUMAN)//Q43236
 F-NT2RM1000001//HYPOTHETICAL 8.7 KD PROTEIN IN RPL22-RPL23 INTERGENIC REGION (ORF70)//0.15:
 38:34//ASTASIA LONGA (EUGLENOPHYCEAN ALGA)//P34779
 25 F-NT2RM1000018
 F-NT2RM1000032//ATP SYNTHASE PROTEIN 8 (EC 3.6.1.34) (A6L)//0.51:17:41//CYPRINUS CARPIO (COM-
 MON CARP)//P24948
 F-NT2RM1000035//3-HYDROXY-3-METHYLGLUTARYL-COENZYME A REDUCTASE (EC 1.1.1.34) (HMG-COA
 REDUCTASE)//0.00011:114:27//BLATTELLA GERMANICA (GERMAN COCKROACH)//P54960
 30 F-NT2RM1000037//METALLOTHIONEIN-II (MT-II)//0.025:19:47//SCYLLA SERRATA (MUD CRAB)//P02806
 F-NT2RM1000039//VITELLINE MEMBRANE VM34CA PROTEIN PRECURSOR//0.00083:84:33//DROSOPHILA
 MELANOGASTER (FRUIT FLY)//Q06521
 F-NT2RM1000055//HISTIDINE-RICH GLYCOPROTEIN PRECURSOR//1.1e-07:34:55//PLASMODIUM LOPHU-
 RAE//P04929
 35 F-NT2RM1000059//MYOCYTE-SPECIFIC ENHANCER FACTOR 2B (SERUM RESPONSE FACTOR-LIKE PRO-
 TEIN 2) (XMEF2) (RSRFR2)//0.18:83:36//HOMO SAPIENS (HUMAN)//Q02080
 F-NT2RM1000062//PROLINE-RICH PEPTIDE P-B//0.54:34:44//HOMO SAPIENS (HUMAN)//P02814
 F-NT2RM1000080//HYPOTHETICAL 35.7 KD PROTEIN SLR1128//2.1e-20:119:40//SYNECHOCYSTIS SP.
 (STRAIN PCC 6803)//P72655
 40 F-NT2RM1000086//SALIVARY PROLINE-RICH PROTEIN PO (ALLELE K) [CONTAINS: PEPTIDE P-D] (FRAG-
 MENT)//0.20:56:35//HOMO SAPIENS (HUMAN)//P10162
 F-NT2RM1000092//COLLAGEN-LIKE PROTEIN//0.0017:44:45//HERPESVIRUS SAIMIRI (SUBGROUP C /
 STRAIN 488)//P22576
 F-NT2RM1000118//CALCINEURIN B SUBUNIT (PROTEIN PHOSPHATASE 2B REGULATORY SUBUNIT) (CAL-
 CINEURIN REGULATORY SUBUNIT)//5.7e-07:109:28//NEUROSPORA CRASSA//P87072
 45 F-NT2RM1000119//TRANSCRIPTIONAL REGULATOR IE63 (VMW63) (ICP27)//0.0050:135:32//HERPES SIM-
 PLEX VIRUS (TYPE 2 / STRAIN HG52)//P28276
 F-NT2RM1000127//EXTENSIN PRECURSOR (PROLINE-RICH GLYCOPROTEIN)//0.032:68:32//SORGHUM
 VULGARE (SORGHUM)//P24152
 50 F-NT2RM1000131//METALLOTHIONEIN-III (MT-III) (GROWTH INHIBITORY FACTOR) (GIF)//0.82:33:39//BOS
 TAURUS (BOVINE)//P37359
 F-NT2RM1000132//NADH-UBIQUINONE OXIDOREDUCTASE, 13 KD-A SUBUNIT PRECURSOR (EC 1.6.5.3)
 (EC 1.6.99.3) (COMPLEX I-13KD-A) (CI-13KD-A)//2.7e-59:124:91//HOMO SAPIENS (HUMAN)//O75380
 F-NT2RM1000153//CYTOSOLIC PURINE 5'-NUCLEOTIDASE (EC 3.1.3.5)//2.5e-08:148:29//HOMO SAPIENS
 (HUMAN)//P49902
 55 F-NT2RM1000186//CALCINEURIN B SUBUNIT (PROTEIN PHOSPHATASE 2B REGULATORY SUBUNIT) (CAL-
 CINEURIN REGULATORY SUBUNIT)//1.9e-07:109:27//NEUROSPORA CRASSA//P87072
 F-NT2RM1000187//PUTATIVE PRE-MRNA SPLICING FACTOR, ATP-DEPENDENT RNA HELICASE

- SPAC10F6.02C//1.0e-12:94:46//SCHIZOSACCHAROMYCES POMBE (FISSION YEAST)//O42643
 F-NT2RM1000199//CUTICLE COLLAGEN 12 PRECURSOR//0.46:130:33//CAENORHABDITIS ELEGANS//
 P20630
- 5 F-NT2RM1000242//PUTATIVE ATP SYNTHASE J CHAIN, MITOCHONDRIAL (EC 3.6.1.34)//0.85:38:36//
 SCHIZOSACCHAROMYCES POMBE (FISSION YEAST)//O13931
 F-NT2RM1000244//HYPOTHETICAL 131.5 KD PROTEIN C02F12.7 IN CHROMOSOME X//0.0055:98:36//
 CAENORHABDITIS ELEGANS//Q11102
 F-NT2RM1000252//TRICHOHYALIN//2.9e-06:88:36//OVIS ARIES (SHEEP)//P22793
 F-NT2RM1000256//GLUCOSAMINE--FRUCTOSE-6-PHOSPHATE AMINOTRANSFERASE [ISOMERIZING]
 10 (EC 2.6.1.16) (HEXOSEPHOSPHATE AMINOTRANSFERASE) (D-FRUCTOSE-6-PHOSPHATE AMIDOTRANS-
 FERASE) (GFAT)//2.9e-54:153:67//MUS MUSCULUS (MOUSE)//P47856
 F-NT2RM1000257//MAGO NASHI PROTEIN//5.9e-64:136:89//DROSOPHILA MELANOGASTER (FRUIT FLY)//
 P49028
 F-NT2RM1000260
- 15 F-NT2RM1000271//GALACTOKINASE (EC 2.7.1.6)//0.99:41:39//BACILLUS SUBTILIS//P39574
 F-NT2RM1000272//HYPOTHETICAL 55.5 KD PROTEIN ZK1128.2 IN CHROMOSOME III//8.8e-25:131:45//
 CAENORHABDITIS ELEGANS//Q09357
 F-NT2RM1000280//VACUOLAR ATP SYNTHASE SUBUNIT D (EC 3.6.1.34) (V-ATPASE D SUBUNIT) (V-AT-
 PASE 28 KD ACCESSORY PROTEIN)//2.5e-63:121:94//BOS TAURUS (BOVINE)//P39942
- 20 F-NT2RM1000300//TREACLE PROTEIN (TREACHER COLLINS SYNDROME PROTEIN)//0.51:145:26//HOMO
 SAPIENS (HUMAN)//Q13428
 F-NT2RM1000314
 F-NT2RM1000318//50S RIBOSOMAL PROTEIN L23//0.83:28:35//AQUIFEX AEOLICUS//O66433
 F-NT2RM1000341
- 25 F-NT2RM1000354//HYPOTHETICAL 5.8 KD PROTEIN IN PUHA 5'REGION (ORF55)//0.95:43:37//RHODO-
 BACTER CAPSULATUS (RHODOPSEUDOMONAS CAPSULATA)//P26159
 F-NT2RM1000355//SPERM-SPECIFIC PROTEIN PHI-1//0.0016:73:43//MYTILUS EDULIS (BLUE MUSSEL)//
 Q04621
 F-NT2RM1000365//HYPOTHETICAL PROTEIN KIAA0140//3.5e-10:83:49//HOMO SAPIENS (HUMAN)//
 Q14153
- 30 F-NT2RM1000377//DUAL SPECIFICITY PROTEIN PHOSPHATASE 9 (EC 3.1.3.48) (EC 3.1.3.16) (MITOGEN-
 ACTIVATED PROTEIN KINASE PHOSPHATASE 4) (MAP KINASE PHOSPHATASE 4) (MKP-4)//4.9e-18:113:
 38//HOMO SAPIENS (HUMAN)//Q99956
 F-NT2RM1000388//HYPOTHETICAL 27.7 KD PROTEIN IN CPT1-SPC98 INTERGENIC REGION//0.00023:67:
 31//SACCHAROMYCES CEREVISIAE (BAKER'S YEAST)//P53915
- 35 F-NT2RM1000394//HISTONE H3.3 (H3.B) (H3.3Q)//4.7e-52:71:91//HOMO SAPIENS (HUMAN), MUS MUSCU-
 LUS (MOUSE), RATTUS NORVEGICUS (RAT), ORYCTOLAGUS CUNICULUS (RABBIT), GALLUS GALLUS
 (CHICKEN), SPISULA SOLIDISSIMA (ATLANTIC SURF-CLAM), DROSOPHILA MELANOGASTER (FRUIT FLY),
 AND DROSOPHILA HYDEI (FRUIT FLY)//P06351
- 40 F-NT2RM1000399//ENDOTHELIN-2 PRECURSOR (ET-2) (FRAGMENT)//0.92:24:45//CANIS FAMILIARIS
 (DOG)//P12064
 F-NT2RM1000421//CUTICLE COLLAGEN 2C (FRAGMENT)//0.12:93:33//HAEMONCHUS CONTORTUS//
 P16252
 F-NT2RM1000430//PISTIL-SPECIFIC EXTENSIN-LIKE PROTEIN PRECURSOR (PELP)//0.13:86:31//NICO-
 TIANA TABACUM (COMMON TOBACCO)//Q03211
- 45 F-NT2RM1000499//HYPOTHETICAL PROTEIN KIAA0041 (FRAGMENT)//2.9e-17:75:49//HOMO SAPIENS
 (HUMAN)//Q15057
 F-NT2RM1000539//HYPOTHETICAL 10.4 KD PROTEIN IN FTR1-SPT15 INTERGENIC REGION//2.9e-16:82:
 51//SACCHAROMYCES CEREVISIAE (BAKER'S YEAST)//P40089
- 50 F-NT2RM1000553//GLYCOLIPID TRANSFER PROTEIN (GLTP)//6.4e-06:103:33//SUS SCROFA (PIG)//
 P17403
 F-NT2RM1000555//UNR PROTEIN//8.7e-77:105:95//RATTUS NORVEGICUS (RAT)//P18395
 F-NT2RM1000563//DNA-BINDING P52/P100 COMPLEX, 100 KD SUBUNIT (FRAGMENTS)//0.15:20:50//HO-
 MO SAPIENS (HUMAN)//P30808
- 55 F-NT2RM1000623//CLARA CELL PHOSPHOLIPID-BINDING PROTEIN PRECURSOR (CCBP) (CLARA CELLS
 10 KD SECRETORY PROTEIN) (CC10)//0.17:70:34//HOMO SAPIENS (HUMAN)//P11684
 F-NT2RM1000648//GLYCOSYLTRANSFERASE ALG2 (EC 2.4.1.-)//2.0e-22:133:42//SACCHAROMYCES CER-
 EVISIAE (BAKER'S YEAST)//P43636

- F-NT2RM1000661//METALLOTHIONEIN-III (MT-III) (GROWTH INHIBITORY FACTOR) (GIF) (GIFB)//0.0060:24:33//HOMO SAPIENS (HUMAN)//P25713
- F-NT2RM1000666//COLD SHOCK PROTEIN SCOF//9.1e-07:67:41//STREPTOMYCES COELICOLOR//P48859
- 5 F-NT2RM1000669//CHLOROPLAST 50S RIBOSOMAL PROTEIN L31//0.071:69:31//PORPHYRA PURPUREA//P51290
- F-NT2RM1000672//SIGNAL RECOGNITION PARTICLE SEC65:SUBUNIT (FRAGMENT)//0.27:42:42//KLUYVEROMYCES LACTIS (YEAST)//O13475
- 10 F-NT2RM1000691//RETINOBLASTOMA BINDING PROTEIN 2 (RBBP-2)//4.3e-42:241:42//HOMO SAPIENS (HUMAN)//P29375
- F-NT2RM1000699//N2,N2-DIMETHYLGUANOSINE TRNA METHYLTRANSFERASE PRECURSOR (EC 2.1.1.32)//0.94:48:37//SACCHAROMYCES CEREVISIAE (BAKER'S YEAST)//P15565
- F-NT2RM1000702//GUANINE NUCLEOTIDE-BINDING PROTEIN BETA SUBUNIT 1//0.0013:139:25//DROSOPHILA MELANOGASTER (FRUIT FLY)//P26308
- 15 F-NT2RM1000725//BASIC PROLINE-RICH PEPTIDE P-E (IB-9)//1.0:15:60//HOMO SAPIENS (HUMAN)//P02811
- F-NT2RM1000741//STATHMIN (CLONE XO20) (FRAGMENT)//1.0:53:32//XENOPUS LAEVIS (AFRICAN CLAWED FROG)//Q09005
- F-NT2RM1000742//HYPOTHETICAL 24.1 KD PROTEIN IN DHFR 3'REGION (ORF2)//1.0:54:42//HERPESVIRUS SAIMIRI (STRAIN 484-77)//P25049
- 20 F-NT2RM1000746//HYPOTHETICAL 16.8 KD PROTEIN C29E6.04 IN CHROMOSOME I//0.11:87:21//SCHIZOSACCHAROMYCES POMBE (FISSION YEAST)//Q09858
- F-NT2RM1000770//DXS6673E PROTEIN//2.0e-38:190:48//HOMO SAPIENS (HUMAN)//Q14202
- F-NT2RM1000772//VEGETATIBLE INCOMPATIBILITY PROTEIN HET-E-1//4.3e-12:141:30//PODOSPORA ANSERINA//Q00808
- 25 F-NT2RM1000780//MALE SPECIFIC SPERM PROTEIN MST87F//0.98:34:38//DROSOPHILA MELANOGASTER (FRUIT FLY)//P08175
- F-NT2RM1000781
- F-NT2RM1000800//24.1 KD PROTEIN IN VMA12-APN1 INTERGENIC REGION//7.9e-11:135:34//SACCHAROMYCES CEREVISIAE (BAKER'S YEAST)//P28707
- 30 F-NT2RM1000802//ALPHA-AMYLASE INHIBITOR PAIM I (PIG PANCREATIC ALPHA-AMYLASE INHIBITOR OF MICROBES I)//0.43:62:35//STREPTOMYCES OLIVACEOVIRIDIS (STREPTOMYCES CORCHORUSII)//P09921
- F-NT2RM1000811
- 35 F-NT2RM1000826//UNR PROTEIN//1.1e-110:144:83//RATTUS NORVEGICUS (RAT)//P18395
- F-NT2RM1000829//ATP SYNTHASE PROTEIN 8 (EC 3.6.1.34) (A6L)//1.0:38:34//DROSOPHILA SIMULANS (FRUIT FLY)//P50270
- F-NT2RM1000833//PROTEIN TRANSPORT PROTEIN SEC61 ALPHA SUBUNIT//1.4e-62:145:841//CANIS FAMILIARIS (DOG)//P38377
- 40 F-NT2RM1000850//TESTIS-SPECIFIC PROTEIN KINASE 1 (EC 2.7.1.-)//6.1e-08:136:33//RATTUS NORVEGICUS (RAT)//Q63572
- F-NT2RM1000852//ATP-DEPENDENT RNA HELICASE ROK1//1.6e-34:212:43//SACCHAROMYCES CEREVISIAE (BAKER'S YEAST)//P45818
- F-NT2RM1000857//HISTONE H1.M6.1//0.76:31:48//TRYPANOSOMA CRUZI//P40273
- 45 F-NT2RM1000867//MICROSOMAL SIGNAL PEPTIDASE 10.8 KD SUBUNIT (EC 3.4.-.-)//0.0082:76:25//SACCHAROMYCES CEREVISIAE (BAKER'S YEAST)//P46965
- F-NT2RM1000874//DNA-BINDING P52/P100 COMPLEX, 100 KD SUBUNIT (FRAGMENTS)//0.38:12:58//HOMO SAPIENS (HUMAN)//P30808
- F-NT2RM1000882//CYTOCHROME B5//9.0e-13:92:38//SACCHAROMYCES CEREVISIAE (BAKER'S YEAST)//P40312
- 50 F-NT2RM1000883//DNA-BINDING P52/P100 COMPLEX, 100 KD SUBUNIT (FRAGMENTS)//0.79:22:59//HOMO SAPIENS (HUMAN)//P30808
- F-NT2RM1000885//HYPOTHETICAL 5.8 KD PROTEIN//0.76:18:38//CLOVER YELLOW MOSAIC VIRUS (CYMV)//P16485
- 55 F-NT2RM1000894//DNA-DIRECTED RNA POLYMERASE I135 KD POLYPEPTIDE (EC 2.7.7.6) (RNA POLYMERASE I SUBUNIT 2) (RPA135) (RNA POLYMERASE I 127 KD SUBUNIT)//6.2e-70:153:88//RATTUS NORVEGICUS (RAT)//O54888
- F-NT2RM1000898//ACTIN, CYTOPLASMIC (ACTIN, MICRONUCLEAR)//4.3e-12:159:28//OXYTRICHA FAL-

LAX//P02583

F-NT2RM1000905//GLUTATHIONE S-TRANSFERASE 1-1 (EC 2.5.1.18) (CLASS-THETA)//0.98:39:35//LUCILIA CUPRINA (GREENBOTTLE FLY) (AUSTRALIAN SHEEP BLOWFLY)//P42860

F-NT2RM1000924//HYPOTHETICAL 39.7 KD PROTEIN C34E10.2 IN CHROMOSOME III//1.3e-11:169:28//CAENORHABDITIS ELEGANS//P46577

F-NT2RM1000927//CUTICLE COLLAGEN 1//0.00048:141:31//CAENORHABDITIS ELEGANS//P08124

F-NT2RM1000962//HYPOTHETICAL 35.8 KD PROTEIN C4F8.04 IN CHROMOSOME I//7.1e-13:169:31//SCHIZOSACCHAROMYCES POMBE (FISSION YEAST)//O14180

F-NT2RM1000978//HYPOTHETICAL 20.2 KD PROTEIN IN MNN4-PTK1 INTERGENIC REGION//0.61:82:34//SACCHAROMYCES CEREVISIAE (BAKER'S YEAST)//P36045

F-NT2RM1001003//ALPHA-2 CATENIN (ALPHA N-CATENIN) (NEURAL ALPHA-CATENIN)//1.6e-21:211:31//GALLUS GALLUS (CHICKEN)//P30997

F-NT2RM1001008//HYPOTHETICAL 72.5 KD PROTEIN C2F7.10 IN CHROMOSOME I//3.2e-15:119:36//SCHIZOSACCHAROMYCES POMBE (FISSION YEAST)//Q09701

F-NT2RM1001043//ENDOTHELIN-1 (ET-1) (FRAGMENT)//0.78:32:34//MACACA FASCICULARIS (CRAB EATING MACAQUE) (CYNOMOLGUS MONKEY)//Q28469

F-NT2RM1001044

F-NT2RM1001059//LORICRIN//8.6e-08:108:39//HOMO SAPIENS (HUMAN)//P23490

F-NT2RM1001066//METALLOTHIONEIN-LIKE PROTEIN TYPE 2//0.99:24:50//LYCOPERSICON ESCULENTUM (TOMATO)//Q43513

F-NT2RM1001072//1-PHOSPHATIDYLINOSITOL-4,5-BISPHOSPHATE PHOSPHODIESTERASE GAMMA 1 (EC 3.1.4.11) (PLC-GAMMA-1) (PHOSPHOLIPASE C-GAMMA-1) (PLC-II) (PLC-148)//4.7e-15:148:33//HOMO SAPIENS (HUMAN)//P19174

F-NT2RM1001074//HYPOTHETICAL PROTEIN F-215//8.6e-05:126:30//HUMAN ADENOVIRUS TYPE 2//P03291

F-NT2RM1001082//!!!! ALU SUBFAMILY SX WARNING ENTRY !!!!!/6.5e-19:75:54//HOMO SAPIENS (HUMAN)//P39195

F-NT2RM1001085//MALE SPECIFIC SPERM PROTEIN MST84DB//0.49:29:41//DROSOPHILA MELANOGASTER (FRUIT FLY)//Q01643

F-NT2RM1001092//ZINC FINGER PROTEIN 83 (ZINC FINGER PROTEIN HPF1)//2.8e-42:200:38//HOMO SAPIENS (HUMAN)//P51522

F-NT2RM1001102//HYPOTHETICAL 62.8 KD PROTEIN IN TAF145-YOR1 INTERGENIC REGION//1.7e-18:161:36//SACCHAROMYCES CEREVISIAE (BAKER'S YEAST)//P53331

F-NT2RM1001105//HYPOTHETICAL 35.5 KD PROTEIN IN TRANSPOSON TN4556//4.0e-05:157:35//STREPTOMYCES FRADIAE//P20186

F-NT2RM1001112//NONHISTONE CHROMOSOMAL PROTEIN HMG-17//0.18:20:55//BOS TAURUS (BOVINE)//P02313

F-NT2RM1001115

F-NT2RM1001139//GLYCINE-RICH CELL WALL STRUCTURAL PROTEIN 1.8 PRECURSOR (GRP 1.8)//2.0e-25:156:46//PHASEOLUS VULGARIS (KIDNEY BEAN) (FRENCH BEAN)//P10496

F-NT2RM2000006//MITOCHONDRIAL RIBOSOMAL PROTEIN S12//0.76:45:35//LEISHMANIA TARENTOLAE (SAUROLEISHMANIA TARENTOLAE)//Q34940

F-NT2RM2000013//DNA-DIRECTED RNA POLYMERASE III 128 KD POLYPEPTIDE (EC 2.7.7.6) (RNA POLYMERASE III SUBUNIT 2)//3.9e-87:238:65//DROSOPHILA MELANOGASTER (FRUIT FLY)//P25167

F-NT2RM2000030//TOXINS 1 AND 2//0.98:21:42//TRIMERESURUS WAGLERI (WAGLER'S PIT VIPER) (TROPIDOLAEMUS WAGLERI)//P24335

F-NT2RM2000032//!!!! ALU SUBFAMILY J WARNING ENTRY !!!!!/0.00059:53:49//HOMO SAPIENS (HUMAN)//P39188

F-NT2RM2000042//SMALL PROLINE-RICH PROTEIN II (SPR-II) (CLONE 174N)//1.0:68:26//HOMO SAPIENS (HUMAN)//P22532

F-NT2RM2000092//HYPOTHETICAL 67.5 KD PROTEIN IN PRPS4-STE20 INTERGENIC REGION//7.0e-11:80:40//SACCHAROMYCES CEREVISIAE (BAKER'S YEAST)//P38748

F-NT2RM2000093//OVARY MATURATING PARSIN (OMP)//1.0:26:38//LOCUSTA MIGRATORIA (MIGRATORY LOCUST)//P80045

F-NT2RM2000101//HYPOTHETICAL 39.3 KD PROTEIN C02B8.6 IN CHROMOSOME X//3.3e-09:56:35//CAENORHABDITIS ELEGANS//Q11096

F-NT2RM2000124//CAMP-DEPENDENT PROTEIN KINASE ALPHA-CATALYTIC SUBUNIT (EC 2.7.1.37) (PKA C-ALPHA)//3.1e-35:77:96//MUS MUSCULUS (MOUSE)//P05132

- F-NT2RM2000191//3',5'-CYCLIC-NUCLEOTIDE PHOSPHODIESTERASE REGA (EC 3.1.4.17) (PDEASE REGA) //3.3e-05:181:27//DICTYOSTELIUM DISCOIDEUM (SLIME MOLD) //Q23917
- F-NT2RM2000192//REPLICATION PROTEIN E1 (FRAGMENTS) //0.019:148:25//COTTONTAIL RABBIT (SHOPE) PAPILLOMAVIRUS (STRAIN WASHINGTON B) (CRPV) //P51894
- 5 F-NT2RM2000239//PROLINE-RICH PROTEIN MP-3 (FRAGMENT) //0.00032:111:32//MUS MUSCULUS (MOUSE) //P05143
- F-NT2RM2000250//GALECTIN-3 (GALACTOSE-SPECIFIC LECTIN 3) (MAC-2 ANTIGEN) (IGE-BINDING PROTEIN) (35 KD LECTIN) (CARBOHYDRATE BINDING PROTEIN 35) (CBP 35) (LAMININ-BINDING PROTEIN) (LECTIN L-29) //0.054:46:34//RATTUS NORVEGICUS (RAT) //P08699
- 10 F-NT2RM2000259//TRANS-ACTING TRANSCRIPTIONAL PROTEIN ICP0 (P135 PROTEIN) (IER 2.9/ER2.6) //0.27:112:33//BOVINE HERPES VIRUS TYPE 1 (STRAIN JURA) //P29128
- F-NT2RM2000260//PROLINE-RICH PROTEIN MP-3 (FRAGMENT) //4.7e-22:191:35//MUS MUSCULUS (MOUSE) //P05143
- 15 F-NT2RM2000287//HYPOTHETICAL 11.8 KD PROTEIN C1B3.02C IN CHROMOSOME I //5.0e-19:83:53//SCHIZOSACCHAROMYCES POMBE (FISSION YEAST) //O13868
- F-NT2RM2000322//DIAMINOPIMELATE DECARBOXYLASE (EC 4.1.1.20) (DAP DECARBOXYLASE) //0.47:117:29//HELICOBACTER PYLORI (CAMPYLOBACTER PYLORI) //P56129
- 20 F-NT2RM2000359//SPORE GERMINATION PROTEIN 270:11 //0.12:83:36//DICTYOSTELIUM DISCOIDEUM (SLIME MOLD) //P22698
- F-NT2RM2000363//BREAKPOINT CLUSTER REGION PROTEIN //1.3e-16:203:30//HOMO SAPIENS (HUMAN) //P11274
- F-NT2RM2000368//DEK PROTEIN //0.00027:100:32//HOMO SAPIENS (HUMAN) //P35659
- 25 F-NT2RM2000371//POLYRIBONUCLEOTIDE NUCLEOTIDYLTRANSFERASE (EC 2.7.7.8) (POLYNUCLEOTIDE PHOSPHORYLASE) (PNPASE) //6.8e-36:170:47//ESCHERICHIA COLI //P05055
- F-NT2RM2000374//NODAL PRECURSOR //1.1e-32:64:95//MUS MUSCULUS (MOUSE) //P43021
- F-NT2RM2000395//IMMEDIATE-EARLY PROTEIN IE180 //0.31:41:43//PSEUDORABIES VIRUS (STRAIN INDIANA-FUNKHAUSER / BECKER) (PRV) //P11675
- 30 F-NT2RM2000402//ENDOSOMAL P24A PROTEIN PRECURSOR (70 KD ENDOMEMBRANE PROTEIN) (PHEROMONE ALPHA-FACTOR TRANSPORTER) (ACIDIC 24 KD LATE ENDOCYTIC INTERMEDIATE COMPONENT) //1.2e-30:228:32//SACCHAROMYCES CEREVISIAE (BAKER'S YEAST) //P32802
- F-NT2RM2000407//TRANSMEMBRANE PROTEIN SEX PRECURSOR //0.032:105:30//HOMO SAPIENS (HUMAN) //P51805
- 35 F-NT2RM2000420//METALLOTHIONEIN (MT) //0.88:42:38//PLEURONECTES PLATESSA (PLAICE) //P07216
- F-NT2RM2000422//SODIUM- AND CHLORIDE-DEPENDENT TRANSPORTER NTT73 //2.0e-117:237:87//RATTUS NORVEGICUS (RAT) //Q08469
- F-NT2RM2000452//HYPOTHETICAL 63.6 KD PROTEIN IN YPT52-GCN3 INTERGENIC REGION //1.1e-08:157:28//SACCHAROMYCES CEREVISIAE (BAKER'S YEAST) //P36113
- 40 F-NT2RM2000469//70 KD ANTIGEN //0.050:207:23//SHIGELLA FLEXNERI //P18010
- F-NT2RM2000490//BASIC PROLINE-RICH PEPTIDE P-E (IB-9) //0.022:25:44//HOMO SAPIENS (HUMAN) //P02811
- F-NT2RM2000502//MALE SPECIFIC SPERM PROTEIN MST84DD //0.0037:17:58//DROSOPHILA MELANOGASTER (FRUIT FLY) //Q01645
- 45 F-NT2RM2000504//HYPOTHETICAL 99.0 KD PROTEIN SPBC119.17 //1.7e-22:195:27//SCHIZOSACCHAROMYCES POMBE (FISSION YEAST) //O42908
- F-NT2RM2000522//RAS-RELATED PROTEIN RABA (FRAGMENT) //3.6e-05:67:29//DICTYOSTELIUM DISCOIDEUM (SLIME MOLD) //P34141
- F-NT2RM2000540//HYPOTHETICAL 83.8 KD PROTEIN C27F2.7 IN CHROMOSOME III //8.4e-33:214:38//CAENORHABDITIS ELEGANS //Q18262
- 50 F-NT2RM2000556//HYPOTHETICAL PROTEIN KIAA0288 (HA6116) //1.7e-09:133:36//HOMO SAPIENS (HUMAN) //P56524
- F-NT2RM2000566//INTEGRIN ALPHA-6 PRECURSOR (VLA-6) (CD49F) //2.2e-60:244:51//HOMO SAPIENS (HUMAN) //P23229
- 55 F-NT2RM2000567//PROLINE-RICH PROTEIN MP-3 (FRAGMENT) //2.3e-09:192:34//MUS MUSCULUS (MOUSE) //P05143
- F-NT2RM2000569//!!!! ALU SUBFAMILY J WARNING ENTRY !!!!! //9.0e-08:43:72//HOMO SAPIENS (HUMAN) //P39188

F-NT2RM2000577//ISOLEUCYL-TRNA SYNTHETASE (EC 6.1.1.5) (ISOLEUCINE--TRNA LIGASE) (ILERS)//
 9.1e-54:225:45//SYNECHOCYSTIS SP. (STRAIN PCC 6803)//P73505
 F-NT2RM2000581//SPLICEOSOME ASSOCIATED PROTEIN 49 (SAP 49) (SF3B53)//0.079:111:34//HOMO SA-
 PIENS (HUMAN)//Q15427
 5 F-NT2RM2000588//HYPOTHETICAL PROTEIN KIAA0288 (HA6116)//2.3e-09:193:32//HOMO SAPIENS (HU-
 MAN)//P56524
 F-NT2RM2000594//BASIC PROLINE-RICH PEPTIDE P-E (IB-9)//0.18:33:42//HOMO SAPIENS (HUMAN)//
 P02811
 F-NT2RM2000599//DNA (CYTOSINE-5)-METHYLTRANSFERASE (EC 2.1.1.37) (DNA METHYLTRANS-
 10 FERASE) (DNA METASE) (MCMT) (M.MMU1)//1.5e-09:68:45//MUS MUSCULUS (MOUSE)//P13864
 F-NT2RM2000609//GRANULIN 2//0.83:42:35//CYPRINUS CARPIO (COMMON CARP)//P81014
 F-NT2RM2000612//ZINC FINGER PROTEIN GCS1//7.2e-05:155:29//SACCHAROMYCES CEREVISIAE (BAK-
 ER'S YEAST)//P35197
 F-NT2RM2000623//A-AGGLUTININ ATTACHMENT SUBUNIT PRECURSOR//1.8e-09:196:33//SACCHAROMY-
 15 CES CEREVISIAE (BAKER'S YEAST)//P32323
 F-NT2RM2000624//SALIVARY GLUE PROTEIN SGS-3 PRECURSOR//0.070:113:27//DROSOPHILA ERECTA
 (FRUIT FLY)//P13730
 F-NT2RM2000635//SPERM PROTAMINE P1//0.54:47:38//ANTECHINUS STUARTII//P42129
 F-NT2RM2000636//OUTER MEMBRANE PROTEIN H.8 PRECURSOR//0.096:62:35//NEISSERIA GONOR-
 20 RHOEAE//P11910
 F-NT2RM2000639//HYPOTHETICAL PROTEIN MJ0243//0.99:32:34//METHANOCOCCUS JANNASCHII//
 Q57694
 F-NT2RM2000649//NEURONAL CALCIUM SENSOR 1 (NCS-1)//0.00049:70:35//RATTUS NORVEGICUS
 (RAT), AND GALLUS GALLUS (CHICKEN)//P36610
 25 F-NT2RM2000669//50S RIBOSOMAL PROTEIN L34//1.0:34:44//BACILLUS SUBTILIS//P05647
 F-NT2RM2000691//ACTIN-LIKE PROTEIN 3 (ACTIN-2)//7.0e-116:243:87//HOMO SAPIENS (HUMAN), AND
 BOS TAURUS (BOVINE)//P32391
 F-NT2RM2000714//RAS SUPPRESSOR PROTEIN 1 (RSU-1) (RSP-1 PROTEIN) (RSP-1)//3.8e-21:174:35//HO-
 MO SAPIENS (HUMAN)//Q15404
 30 F-NT2RM2000718//HYPOTHETICAL 52.9 KD SERINE-RICH PROTEIN C11G7.01 IN CHROMOSOME I//0.0022:
 174:29//SCHIZOSACCHAROMYCES POMBE (FISSION YEAST)//O13695
 F-NT2RM2000735//ZINC FINGER PROTEIN 43 (ZINC PROTEIN HTF6)//1.6e-102:246:74//HOMO SAPIENS
 (HUMAN)//P28160
 F-NT2RM2000740//HYPOTHETICAL 131.1 KD HELICASE IN ALG7-ENP1 INTERGENIC REGION//8.5e-51:212:
 35 49//SACCHAROMYCES CEREVISIAE (BAKER'S YEAST)//P38144
 F-NT2RM2000795//ALU SUBFAMILY SB WARNING ENTRY//9.0e-41:125:53//HOMO SAPIENS (HU-
 MAN)//P39189
 F-NT2RM2000821//COATOMER BETA SUBUNIT (BETA-COAT PROTEIN) (BETA-COP)//1.1e-128:291:89//
 RATTUS NORVEGICUS (RAT)//P23514
 40 F-NT2RM2000837//CYCLIN-DEPENDENT KINASE INHIBITOR 1C (CYCLIN-DEPENDENT KINASE INHIBITOR
 P57) (P57KIP2)//3.9e-05:113:36//HOMO SAPIENS (HUMAN)//P49918
 F-NT2RM2000951//HYPOTHETICAL 60.3 KD PROTEIN R08D7.7 IN CHROMOSOME III//2.5e-49:273:39//
 CAENORHABDITIS ELEGANS//P30646
 F-NT2RM2000952//NEUROFILAMENT TRIPLET H PROTEIN (200 KD NEUROFILAMENT PROTEIN) (NF-H)
 45 (FRAGMENT)//0.037:234:23//RATTUS NORVEGICUS (RAT)//P16884
 F-NT2RM2000984//HYPOTHETICAL 54.7 KD PROTEIN F37A4.1 IN CHROMOSOME III//6.3e-44:216:43//
 CAENORHABDITIS ELEGANS//P41879
 F-NT2RM2001004//SYNAPSINS IA AND IB//0.15:178:32//RATTUS NORVEGICUS (RAT)//P09951
 F-NT2RM2001035//CCR4-ASSOCIATED FACTOR 1 (CAF1)//1.4e-87:188:90//MUS MUSCULUS (MOUSE)//
 50 Q60809
 F-NT2RM2001065//ATP SYNTHASE A CHAIN (EC 3.6.1.34) (PROTEIN 6)//0.53:122:31//TRYPANOSOMA BRU-
 CEI BRUCEI//P24499
 F-NT2RM2001100//HYPOTHETICAL 39.7 KD PROTEIN C34E10.2 IN CHROMOSOME III//3.4e-13:171:30//
 CAENORHABDITIS ELEGANS//P46577
 55 F-NT2RM2001105//SPORE COAT PROTEIN SP96//7.8e-06:141:34//DICTYOSTELIUM DISCOIDEUM (SLIME
 MOLD)//P14328
 F-NT2RM2001131//PROBABLE EUKARYOTIC INITIATION FACTOR C17C9.03//2.3e-18:249:31//SCHIZOSAC-
 CHAROMYCES POMBE (FISSION YEAST)//Q10475

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F-NT2RM2001141//HYPOTHETICAL 115.4 KD PROTEIN ZK757.3 IN CHROMOSOME III.//0.050:134:26//
CAENORHABDITIS ELEGANS.//P34681
F-NT2RM2001152
F-NT2RM2001177//COLLAGEN ALPHA 1(XIV) CHAIN PRECURSOR (UNDULIN).//0.86:42:40//GALLUS GAL-
LUS (CHICKEN).//P32018
F-NT2RM2001194//SMOOTH ELIN.//4.7e-05:77:32//HOMO SAPIENS (HUMAN).//P53814
F-NT2RM2001196//PROLINE-RICH PROTEIN MP-3 (FRAGMENT).//1.7e-18:218:35//MUS MUSCULUS
(MOUSE).//P05143
F-NT2RM2001201//CYSTEINE STRING PROTEIN (CCCS1).//0.041:22:59//TORPEDO CALIFORNICA (PACIFIC
ELECTRIC RAY).//P56101
F-NT2RM2001221//KALIRIN (PAM COOH-TERMINAL INTERACTOR PROTEIN 10) (P-CIP10).//1.3e-13:183:32//
RATTUS NORVEGICUS (RAT).//P97924
F-NT2RM2001238//GLUTAMINASE, KIDNEY ISOFORM PRECURSOR (EC 3.5.1.2) (GLS) (L-GLUTAMINE AMI-
DOHYDROLASE).//6.5e-121:218:98//RATTUS NORVEGICUS (RAT).//P13264
F-NT2RM2001243//HYPOTHETICAL 200.0 KD PROTEIN IN GZF3-IME2 INTERGENIC REGION.//0.00019:177:
27//SACCHAROMYCES CEREVISIAE (BAKER'S YEAST).//P42945
F-NT2RM2001247//LEGUMIN B (FRAGMENT).//0.22:54:35//PISUM SATIVUM (GARDEN PEA).//P14594
F-NT2RM2001256//PROTEIN TSG24 (MEIOTIC CHECK POINT REGULATOR).//1.8e-109:207:98//MUS MUS-
CULUS (MOUSE).//P53995
F-NT2RM2001291//SMALL PROLINE RICH PROTEIN II (SPR-II) (CLONE 930).//0.016:22:40//HOMO SAPIENS
(HUMAN).//P22531
F-NT2RM2001306//REF(2)P PROTEIN.//0.61:51:33//DROSOPHILA MELANOGASTER (FRUIT FLY).//P14199
F-NT2RM2001312//!!!! ALU SUBFAMILY SX WARNING ENTRY !!!!//7.2e-11:33:72//HOMO SAPIENS (HUMAN).//
P39195
F-NT2RM2001319
F-NT2RM2001324//ZYXIN.//5.1e-22:91:38//GALLUS GALLUS (CHICKEN).//Q04584
F-NT2RM2001345//VEGETATIBLE INCOMPATIBILITY PROTEIN HET-E-1.//7.4e-10:159:27//PODOSPORA AN-
SERINA.//Q00808
F-NT2RM2001360//ACCESSORY GLAND PEPTIDE PRECURSOR (PARAGONIAL PEPTIDE B).//1.0:27:48//
DROSOPHILA MELANOGASTER (FRUIT FLY).//P05623
F-NT2RM2001370//NAPE PROTEIN.//0.98:44:31//PARACOCCLUS DENITRIFICANS (SUBSP. THIOSPHAERA
PANTOTROPHA).//Q56348
F-NT2RM2001393//VITELLOGENIN PRECURSOR (VTG) [CONTAINS: LIPOVITELLIN LV-1N; LIPOVITELLIN
LV-1C; LIPOVITELLIN LV-2].//0.0024:163:31//ICHTHYOMYZON UNICUSPUS (SILVER LAMPREY).//Q91062
F-NT2RM2001420
F-NT2RM2001424//HETEROGENOUS NUCLEAR RIBONUCLEOPROTEIN U (HNRNP U).//2.4e-41:140:59//
HOMO SAPIENS (HUMAN).//Q00839
F-NT2RM2001499//HIGH-AFFINITY CATIONIC AMINO ACID TRANSPORTER-1 (CAT-1) (CAT1) (SYSTEM Y+
BASIC AMINO ACID TRANSPORTER) (ECOTROPIC RETROVIRAL LEUKEMIA RECEPTOR HOMOLOG) (ERR)
(ECOTROPIC RETROVIRUS RECEPTOR HOMOLOG).//3.7e-71:201:68//HOMO SAPIENS (HUMAN).//P30825
F-NT2RM2001504//CUTICLE COLLAGEN 2.//0.028:41:39//CAENORHABDITIS ELEGANS.//P17656
F-NT2RM2001524//HYPOTHETICAL 61.3 KD PROTEIN F25B5.5 IN CHROMOSOME III.//6.7e-47:190:42//
CAENORHABDITIS ELEGANS.//Q09316
F-NT2RM2001544//TELOMERE-BINDING PROTEIN 51 KD SUBUNIT.//0.0027:136:33//EUPLOTES
CRASSUS.//Q06184
F-NT2RM2001547//HYPOTHETICAL 48.6 KD PROTEIN IN BET1-PAN1 INTERGENIC REGION.//8.5e-18:91:50//
SACCHAROMYCES CEREVISIAE (BAKER'S YEAST).//P40564
F-NT2RM2001575//52 KD RO PROTEIN (SJOGREN SYNDROME TYPE A ANTIGEN (SS-A)) (RO(SS-A)).//3.9e-
35:212:41//HOMO SAPIENS (HUMAN).//P19474
F-NT2RM2001582//RESA PROTEIN.//0.0033:72:27//BACILLUS SUBTILIS.//P35160
F-NT2RM2001588//EXTENSIN PRECURSOR (PROLINE-RICH GLYCOPROTEIN).//1.0e-06:115:32//ZEA MAYS
(MAIZE).//P14918
F-NT2RM2001592//KERATIN, ULTRA HIGH-SULFUR MATRIX PROTEIN (UHS KERATIN).//0.033:156:23//HO-
MO SAPIENS (HUMAN).//P26371
F-NT2RM2001605//RETINOBLASTOMA BINDING PROTEIN 2 (RBBP-2).//1.1e-116:249:82//HOMO SAPIENS
(HUMAN).//P29375
F-NT2RM2001613//PROTEIN TRANSPORT PROTEIN SEC61 ALPHA SUBUNIT.//1.2e-97:192:100//RATTUS
NORVEGICUS (RAT).//P38378

F-NT2RM2001632//A-AGGLUTININ ATTACHMENT SUBUNIT PRECURSOR//0.00068:145:28//SACCHARO-
 MYCES CEREVISIAE (BAKER'S YEAST)//P32323
 F-NT2RM2001635//NUCLEAR ENVELOPE PORE MEMBRANE PROTEIN POM 121 (PORE MEMBRANE PRO-
 TEIN OF 121 KD) (P145)//1.1e-39:235:47//RATTUS NORVEGICUS (RAT)//P52591
 5 F-NT2RM2001637//HYPOTHETICAL BHLF1 PROTEIN//0.075:197:29//EPSTEIN-BARR VIRUS (STRAIN B95-8)
 (HUMAN HERPESVIRUS 4)//P03181
 F-NT2RM2001641//NADH-CYTOCHROME B5 REDUCTASE (EC 1.6.2.2) (B5R)//0.013:29:68//HOMO SAPIENS
 (HUMAN)//P00387
 F-NT2RM2001648//PROTEIN TRANSPORT PROTEIN SEC61-ALPHA SUBUNIT//3.2e-65:132:100//CANIS FA-
 10 MILIARIS (DOG)//P38377
 F-NT2RM2001652//PROTEIN TRANSPORT PROTEIN SEC7//1.6e-32:261:32//SACCHAROMYCES CEREVI-
 SIAE (BAKER'S YEAST)//P11075
 F-NT2RM2001659//CARBOXYPEPTIDASE A INHIBITOR//0.83:30:46//ASCARIS SUUM (PIG ROUNDWORM)
 (ASCARIS LUMBRICOIDES)//P19399
 15 F-NT2RM2001664//IKI3 PROTEIN//1.3e-31:265:34//SACCHAROMYCES CEREVISIAE (BAKER'S YEAST)//
 Q06706
 F-NT2RM2001668//TONB PROTEIN//0.32:39:41//XANTHOMONAS CAMPESTRIS (PV. CAMPESTRIS)//
 Q34261
 F-NT2RM2001670//ZINC FINGER PROTEIN 174//3.6e-21:172:39//HOMO SAPIENS (HUMAN)//Q15697
 20 F-NT2RM2001671//HYPOTHETICAL 118.6 KD PROTEIN C29E6.03C IN CHROMOSOME I//1.6e-10:229:24//
 SCHIZOSACCHAROMYCES POMBE (FISSION YEAST)//Q09857
 F-NT2RM2001675//DIHYDRODIPICOLINATE SYNTHASE (EC 4.2.1.52) (DHDPS)//1.0:184:21//METHANO-
 COCCUS JANNASCHII//Q57695
 F-NT2RM2001681//PROTEIN DISULFIDE ISOMERASE PRECURSOR (PDI) (EC 5.3.4.1)//0.0039:199:22//
 25 DROSOPHILA MELANOGASTER (FRUIT FLY)//P54399
 F-NT2RM2001688//HYPOTHETICAL 28.1 KD PROTEIN IN SIPU-PBPC INTERGENIC REGION//2.6e-21:162:
 33//BACILLUS SUBTILIS//P42966
 F-NT2RM2001695//!!!! ALU SUBFAMILY SQ WARNING ENTRY !!!!!/4.9e-41:60:81//HOMO SAPIENS (HUMAN)//
 P39194
 30 F-NT2RM2001696//HYPOTHETICAL 24.1 KD PROTEIN IN LEF4-P33 INTERGENIC REGION//9.8e-16:126:38//
 AUTOGRAPHIA CALIFORNICA NUCLEAR POLYHEDROSIS VIRUS (ACMPNV)//P41479
 F-NT2RM2001698//PENAEIDIN-3B PRECURSOR (P3-B)//0.36:52:34//PENAEUS VANNAMEI (PENOEID
 SHRIMP) (EUROPEAN WHITE SHRIMP)//P81059
 F-NT2RM2001699//TRANSCRIPTION INITIATION FACTOR TFIID 30 KD SUBUNIT (TAFII-30) (TAFII30)//
 35 0.0012:79:40//HOMO SAPIENS (HUMAN)//Q12962
 F-NT2RM2001700//ACYL-COA DEHYDROGENASE, VERY-LONG-CHAIN SPECIFIC (EC 1.3.99.-) (VLCAD)
 (FRAGMENT)//1.0e-30:140:53//MUS MUSCULUS (MOUSE)//P50544
 F-NT2RM2001706//!!!! ALU SUBFAMILY SX WARNING ENTRY !!!!!/1.5e-33:95:75//HOMO SAPIENS (HUMAN)//
 P39195
 40 F-NT2RM2001716//HYPOTHETICAL 118.4 KD PROTEIN IN BAT2-DAL5 INTERGENIC REGION PRECUR-
 SOR//0.010:116:30//SACCHAROMYCES CEREVISIAE (BAKER'S YEAST)//P47179
 F-NT2RM2001718//METHYL-ACCEPTING CHEMOTAXIS PROTEIN TLPB//0.00029:77:37//BACILLUS SUBTI-
 LIS//P39217
 F-NT2RM2001723//POSTERIOR PITUITARY PEPTIDE//0.94:26:53//BOS TAURUS (BOVINE)//P01154
 45 F-NT2RM2001727//E7 PROTEIN//0.91:46:34//HUMAN PAPILLOMAVIRUS TYPE 23//P50781
 F-NT2RM2001730//PROBABLE UBIQUITIN CARBOXYL-TERMINAL HYDROLASE K02C4.3 (EC 3.1.2.15)
 (UBIQUITIN THIOLESTERASE) (UBIQUITIN-SPECIFIC PROCESSING PROTEASE) (DEUBIQUITINATING EN-
 ZYME)//4.9e-07:139:29//CAENORHABDITIS ELEGANS//Q09931
 F-NT2RM2001743//PROENKEPHALIN A PRECURSOR//0.75:65:35//CAVIA PORCELLUS (GUINEA PIG)//
 50 P47969
 F-NT2RM2001753//HYPOTHETICAL PROTEIN KIAA0210//1.5e-14:119:36//HOMO SAPIENS (HUMAN)//
 Q92609
 F-NT2RM2001760//PROTEIN TRANSPORT PROTEIN SEC61 ALPHA SUBUNIT//8.3e-58:119:99//CANIS FA-
 MILIARIS (DOG)//P38377
 55 F-NT2RM2001768//HYPOTHETICAL PROTEIN UL25//0.45:77:32//HUMAN CYTOMEGALOVIRUS (STRAIN
 AD169)//P16761
 F-NT2RM2001771//ZINC FINGER PROTEIN 135//4.6e-80:224:60//HOMO SAPIENS (HUMAN)//P52742
 F-NT2RM2001782//MANNOSE-1-PHOSPHATE GUANYLTRANSFERASE (EC 2.7.7.13) (ATP-MANNOSE-1-

PHOSPHATE GUANYLYLTRANSFERASE) (NDP-HEXOSE PYROPHOSPHORYLASE) //7.0e-06:61:45//SACCHAROMYCES CEREVISIAE (BAKER'S YEAST) //P41940
 F-NT2RM2001784//HYPOTHETICAL PROTEIN UL61 //0.00070:145:33//HUMAN CYTOMEGALOVIRUS (STRAIN AD169) //P16818
 5 F-NT2RM2001785//LINOLEOYL-COA DESATURASE (EC 1.14.99.25) (DELTA(6)-DESATURASE) //1.5e-08:127:32//SYNECHOCYSTIS SP. (STRAIN PCC 6803) //Q08871
 F-NT2RM2001797//ZINC FINGER PROTEIN 135 //1.6e-73:267:49//HOMO SAPIENS (HUMAN) //P52742
 F-NT2RM2001800//HYPOTHETICAL HELICASE MG018/MG017/MG016 HOMOLOG //3.9e-12:171:33//MYCOPLASMA PNEUMONIAE //P75093
 10 F-NT2RM2001803//IKI3 PROTEIN //1.6e-38:283:36//SACCHAROMYCES CEREVISIAE (BAKER'S YEAST) //Q06706
 F-NT2RM2001805//COLD SHOCK-LIKE PROTEIN CSPH //0.51:46:32//SALMONELLA TYPHIMURIUM //Q33793
 F-NT2RM2001813//HYPOTHETICAL 40.4 KD TRP-ASP REPEATS-CONTAINING PROTEIN C14B1.4 IN CHROMOSOME III //5.0e-05:82:32//CAENORHABDITIS ELEGANS //Q17963
 15 F-NT2RM2001823//CHROMODOMAIN-HELICASE-DNA-BINDING PROTEIN 2 (CHD-2) //3.6e-49:233:45//HOMO SAPIENS (HUMAN) //O14647
 F-NT2RM2001839//RETICULOCALBIN 1 PRECURSOR //5.2e-65:222:56//HOMO SAPIENS (HUMAN) //Q15293
 F-NT2RM2001840//!!!! ALU SUBFAMILY SQ WARNING ENTRY!!!! //9.6e-33:102:68//HOMO SAPIENS (HUMAN) //P39194
 20 F-NT2RM2001855//BASP1 PROTEIN //0.054:120:30//HOMO SAPIENS (HUMAN) //P80723
 F-NT2RM2001867//HYPOTHETICAL 56.6 KD PROTEIN IN URE2-SSU72 INTERGENIC REGION //4.1e-19:88:36//SACCHAROMYCES CEREVISIAE (BAKER'S YEAST) //P53867
 F-NT2RM2001879//HYPOTHETICAL 47.3 KD PROTEIN C22G7.07C IN CHROMOSOME I //5.9e-15:76:38//SCHIZOSACCHAROMYCES POMBE (FISSION YEAST) //Q09800
 25 F-NT2RM2001886//HYPOTHETICAL 126.9 KD PROTEIN C22G7.04 IN CHROMOSOME I //1.4e-41:249:38//SCHIZOSACCHAROMYCES POMBE (FISSION YEAST) //Q09798
 F-NT2RM2001896//HYPOTHETICAL 83.2 KD PROTEIN IN KAR4-PBN1 INTERGENIC REGION //2.1e-59:197:56//SACCHAROMYCES CEREVISIAE (BAKER'S YEAST) //P25582
 30 F-NT2RM2001903//HYPOTHETICAL PROTEIN MJ0263 //0.070:132:31//METHANOCOCCUS JANNASCHII //Q06917
 F-NT2RM2001930//THROMBOSPONDIN 2 PRECURSOR //7.1e-05:53:47//MUS MUSCULUS (MOUSE) //Q03350
 F-NT2RM2001935//PUTATIVE CUTICLE COLLAGEN F55C10.3 //0.00046:116:35//CAENORHABDITIS ELEGANS //Q21184
 35 F-NT2RM2001936//32.3 KD PROTEIN IN CWP1-MBR1 INTERGENIC REGION //4.5e-27:216:34//SACCHAROMYCES CEREVISIAE (BAKER'S YEAST) //P28320
 F-NT2RM2001950//HIRUDIN HV1 (BUFRUDIN) //0.59:43:34//HIRUDINARIA MANILLENSIS (BUFFALO LEECH) //P81492
 40 F-NT2RM2001982//GUANINE NUCLEOTIDE-BINDING PROTEIN G(I)/G(S)/G(O) GAMMA-8 SUBUNIT (G GAMMA-C) //0.72:35:42//BOS TAURUS (BOVINE) //P50154
 F-NT2RM2001983//PROLINE-RICH PEPTIDE P-B //0.00035:23:52//HOMO SAPIENS (HUMAN) //P02814
 F-NT2RM2001989//NUCLEOLAR PROTEIN NOP4 (NUCLEOLAR PROTEIN NOP77) //8.6e-24:197:37//SACCHAROMYCES CEREVISIAE (BAKER'S YEAST) //P37838
 45 F-NT2RM2001997
 F-NT2RM2001998//IMMEDIATE-EARLY PROTEIN IE180 //0.076:92:27//PSEUDORABIES VIRUS (STRAIN INDIANA-FUNKHAUSER / BECKER) (PRV) //P11675
 F-NT2RM2002004//SLF1 PROTEIN //3.5e-06:235:27//SACCHAROMYCES CEREVISIAE (BAKER'S YEAST) //Q12034
 50 F-NT2RM2002014//HYPOTHETICAL PROTEIN HI0568 //2.1e-17:235:29//HAEMOPHILUS INFLUENZAE //P71353
 F-NT2RM2002030//GLUCOSAMINE-FRUCTOSE-6-PHOSPHATE AMINOTRANSFERASE [ISOMERIZING] (EC 2.6.1.16) (HEXOSEPHOSPHATE AMINOTRANSFERASE) (D-FRUCTOSE-6- PHOSPHATE AMIDOTRANSFERASE) (GFAT) //9.5e-105:271:76//MUS MUSCULUS (MOUSE) //P47856
 55 F-NT2RM2002049//SMALL PROLINE-RICH PROTEIN 2-1 //0.099:41:41//HOMO SAPIENS (HUMAN) //P35326
 F-NT2RM2002055//VACUOLAR PROTEIN SORTING-ASSOCIATED PROTEIN VPS13 //0.012:217:24//SACCHAROMYCES CEREVISIAE (BAKER'S YEAST) //Q07878
 F-NT2RM2002088//PUTATIVE HETEROGENEOUS NUCLEAR RIBONUCLEOPROTEIN X (HNRNP X) (CBP) //

1.1e-09:65:53//MUS MUSCULUS (MOUSE)//Q61990
 F-NT2RM2002091//HYPOTHETICAL 57.5 KD PROTEIN IN VMA7-RPS25A INTERGENIC REGION//0.072:74:
 37//SACCHAROMYCES CEREVISIAE (BAKER'S YEAST)//P53214
 5 F-NT2RM2002100//ATP-DEPENDENT RNA HELICASE ROK1//4.5e-50:289:41//SACCHAROMYCES CEREVI-
 SIAE (BAKER'S YEAST)//P45818
 F-NT2RM2002109//NT-3 GROWTH FACTOR RECEPTOR PRECURSOR (EC 2.7.1.112) (TRKC TYROSINE KI-
 NASE) (GP145-TRKC) (TRK-C)//1.4e-14:203:32//RATTUS NORVEGICUS (RAT)//Q03351
 F-NT2RM2002128//SKIN SECRETORY PROTEIN XP2 PRECURSOR (APEG PROTEIN)//0.0025:139:31//
 10 XENOPUS LAEVIS (AFRICAN CLAWED FROG)//P17437
 F-NT2RM2002142//GASTRULATION SPECIFIC PROTEIN G12//9.2e-20:42:73//BRACHYDANIO RERIO (ZE-
 BRA FISH) (ZEBRA DANIO)//P47805
 F-NT2RM2002145//GLUTENIN, HIGH MOLECULAR WEIGHT SUBUNIT 12 PRECURSOR//0.0085:200:26//
 TRITICUM AESTIVUM (WHEAT)//P08488
 15 F-NT2RM2002178//COLLAGEN ALPHA 1(XII) CHAIN (FRAGMENTS)//5.8e-05:56:39//BOS TAURUS (BO-
 VINE)//P25508
 F-NT2RM2002580//CCAAT-BINDING TRANSCRIPTION FACTOR SUBUNIT A (CBF-A) (NF-Y PROTEIN CHAIN
 B) (NF-YB) (CAAT-BOX DNA BINDING PROTEIN SUBUNIT B)//2.9e-14:96:37//PETROMYZON MARINUS (SEA
 LAMPREY)//P25210
 20 F-NT2RM4000024//DNA-DIRECTED RNA POLYMERASE III 128 KD POLYPEPTIDE (EC 2.7.7.6) (RNA
 POLYMERASE III SUBUNIT 2)//8.6e-95:271:67//DROSOPHILA MELANOGASTER (FRUIT FLY)//P25167
 F-NT2RM4000027//INTERFERON-ACTIVABLE PROTEIN 202 (IFI-202)//0.99:72:31//MUS MUSCULUS
 (MOUSE)//P15091
 F-NT2RM4000030//LAS1 PROTEIN//1.4e-14:184:32//SACCHAROMYCES CEREVISIAE (BAKER'S YEAST)//
 P36146
 25 F-NT2RM4000046//COLLAGEN ALPHA 1(III) CHAIN (FRAGMENT)//0.99:120:28//RATTUS NORVEGICUS
 (RAT)//P13941
 F-NT2RM4000061
 F-NT2RM4000085//ATP-DEPENDENT RNA HELICASE A (NUCLEAR DNA HELICASE II) (NDH II) (DEAD BOX
 PROTEIN 9) (MHEL-5)//8.5e-40:263:38//MUS MUSCULUS (MOUSE)//O70133
 30 F-NT2RM4000086//HYPOTHETICAL PROTEIN HI1497//1.0:27:37//HAEMOPHILUS INFLUENZAE//P44221
 F-NT2RM4000104//ZINC FINGER PROTEIN 134//1.0e-26:64:56//HOMO SAPIENS (HUMAN)//P52741
 F-NT2RM4000139//PREPROTEIN TRANSLOCASE SECE SUBUNIT//0.99:38:42//THERMOTOGA MARITIMA//
 P35874
 35 F-NT2RM4000155//THREONYL-TRNA SYNTHETASE, CYTOPLASMIC (EC 6.1.1.3) (THREONINE--TRNA
 LIGASE) (THRRS)//6.3e-34:181:40//HOMO SAPIENS (HUMAN)//P26639
 F-NT2RM4000156//EXTENSIN PRECURSOR (CELL WALL HYDROXYPROLINE-RICH GLYCOPROTEIN)//
 4.6e-12:142:33//NICOTIANA TABACUM (COMMON TOBACCO)//P13983
 F-NT2RM4000167//KINESIN-LIKE PROTEIN KIF4//3.4e-123:269:91//MUS MUSCULUS (MOUSE)//P33174
 40 F-NT2RM4000169//M PROTEIN, SEROTYPE 2.2 PRECURSOR//9.7e-10:229:26//STREPTOCOCCUS PYO-
 GENES//P50469
 F-NT2RM4000191//P68-LIKE PROTEIN//2.1e-11:104:40//SACCHAROMYCES CEREVISIAE (BAKER'S
 YEAST)//P24783
 F-NT2RM4000197//CUTICLE PROTEIN CP463 (CPCP463)//0.84:29:37//CANCER PAGURUS (ROCK CRAB)//
 P81587
 45 F-NT2RM4000199//SALIVARY PROLINE-RICH PROTEIN PO (ALLELE K) [CONTAINS: PEPTIDE P-D] (FRAG-
 MENT)//1.8e-06:187:34//HOMO SAPIENS (HUMAN)//P10162
 F-NT2RM4000200//HYPOTHETICAL 9.4 KD PROTEIN IN 'FLA1' 3' REGION (ORF3)//0.52:42:40//BACILLUS LI-
 CHENIFORMIS//P22754
 50 F-NT2RM4000202//COLLAGEN ALPHA 1(VIII) CHAIN PRECURSOR (ENDOTHELIAL COLLAGEN)//0.00044:
 168:32//ORYCTOLAGUS CUNICULUS (RABBIT)//P14282
 F-NT2RM4000210//EXTENSIN PRECURSOR//0.27:129:27//DAUCUS CAROTA (CARROT)//P06599
 F-NT2RM4000215//MAK16 PROTEIN//2.0e-65:234:52//SACCHAROMYCES CEREVISIAE (BAKER'S
 YEAST)//P10962
 55 F-NT2RM4000229//GAR2 PROTEIN//0.13:217:26//SCHIZOSACCHAROMYCES POMBE (FISSION YEAST)//
 P41891
 F-NT2RM4000233//TRANSMEMBRANE PROTEIN SEX PRECURSOR//0.047:108:30//HOMO SAPIENS (HU-
 MAN)//P51805
 F-NT2RM4000244//ATP SYNTHASE PROTEIN 8 (EC 3.6.1.34) (A6L)//0.67:59:27//BALAENOPTERA

PHYSALUS (FINBACK WHALE) (COMMON RORQUAL)//P24947
 F-NT2RM4000251//PROLINE-RICH PROTEIN MP-3 (FRAGMENT)//0.0059:108:35//MUS MUSCULUS (MOUSE)//P05143
 F-NT2RM4000265//!!!! ALU SUBFAMILY J WARNING ENTRY !!!!!/8.1e-38:70:70//HOMO SAPIENS (HUMAN)//P39188
 5 F-NT2RM4000290//TRANSDUCIN-LIKE ENHANCER PROTEIN 3.(ESG3)//1.6e-115:209:94//HOMO SAPIENS (HUMAN)//Q04726
 F-NT2RM4000324//PRESPORE PROTEIN DP87 PRECURSOR//0.14:136:30//DICTYOSTELIUM DISCOIDEUM (SLIME MOLD)//Q04503
 10 F-NT2RM4000327//HYPOTHETICAL 8.9 KD PROTEIN IN IE0-IE1 INTERGENIC REGION//0.91:73:28//AUTOGRAPHAL CALIFORNICA NUCLEAR POLYHEDROSIS VIRUS (ACMNPV)//P41703
 F-NT2RM4000344//YME1 PROTEIN HOMOLOG (EC 3.4.24.-)//9.4e-78:241:55//CAENORHABDITIS ELEGANS//P54813
 F-NT2RM4000349//CYSTEINE STRING PROTEIN (CCCS1)//0.055:22:59//TORPEDO CALIFORNICA (PACIFIC ELECTRIC RAY)//P56101
 15 F-NT2RM4000354//LETHAL(2)DENTICLELESS PROTEIN (DTL83 PROTEIN)//4.6e-26:208:35//DROSOPHILA MELANOGASTER (FRUIT FLY)//Q24371
 F-NT2RM4000356//COAT PROTEIN//0.11:105:36//SATELLITE TOBACCO MOSAIC VIRUS (STMV)//P17574
 F-NT2RM4000366//IMMEDIATE-EARLY PROTEIN//1.2e-05:215:24//HERPES VIRUS SAIMIRI (STRAIN 11)//Q01042
 20 F-NT2RM4000368//HYPOTHETICAL 7.3 KD PROTEIN IN RPBA-GP46 INTERGENIC REGION//0.54:46:36//BACTERIOPHAGE RB69//Q64300
 F-NT2RM4000386//RHSC PROTEIN PRECURSOR//0.0096:162:29//ESCHERICHIA COLI//P16918
 F-NT2RM4000395//HYPOTHETICAL 52.9 KD PROTEIN IN SAP155-YMR31 INTERGENIC REGION//4.5e-66:256:53//SACCHAROMYCES CEREVISIAE (BAKER'S YEAST)//P43616
 25 F-NT2RM4000414//HYPOTHETICAL 6.0 KD PROTEIN IN TH12 5'REGION//0.13:33:48//SACCHAROMYCES CEREVISIAE (BAKER'S YEAST)//P53820
 F-NT2RM4000421//MRNA TRANSPORT REGULATOR MTR10//5.0e-13:171:29//SACCHAROMYCES CEREVISIAE (BAKER'S YEAST)//Q99189
 30 F-NT2RM4000425//!!!! ALU SUBFAMILY SP WARNING ENTRY !!!!!/2.1e-25:46:80//HOMO SAPIENS (HUMAN)//P39193
 F-NT2RM4000433//CUTICLE COLLAGEN 3A3//2.5e-06:77:38//HAEMONCHUS CONTORTUS//P16253
 F-NT2RM4000457//HYPOTHETICAL 111.9 KD PROTEIN C22H10.03C IN CHROMOSOME I//4.3e-09:215:22//SCHIZOSACCHAROMYCES POMBE (FISSION YEAST)//Q10297
 35 F-NT2RM4000471//TRNA SPLICING PROTEIN SPL1//6.7e-73:163:65//CANDIDA ALBICANS (YEAST)//P87185
 F-NT2RM4000486//COLLAGEN ALPHA 2(VI) CHAIN, PRECURSOR//0.0012:121:34//GALLUS GALLUS (CHICKEN)//P15988
 F-NT2RM4000496//DNA-DIRECTED RNA POLYMERASE II LARGEST SUBUNIT (EC 2.7.7.6) (RNA POLYMERASE II SUBUNIT 1)//5.9e-09:175:35//SCHIZOSACCHAROMYCES POMBE (FISSION YEAST)//P36594
 40 F-NT2RM4000511//SALIVARY GLUE PROTEIN SGS-3 PRECURSOR//0.020:122:31//DROSOPHILA SIMULANS (FRUIT FLY)//P13729
 F-NT2RM4000514//ATP SYNTHASE A CHAIN (EC 3.6.1.34) (PROTEIN 6)//0.46:68:32//ARTEMIA SANFRANCISCANA (BRINE SHRIMP) (ARTEMIA FRANCISCANA)//Q37708
 45 F-NT2RM4000515//GAR2 PROTEIN//3.2e-05:198:27//SCHIZOSACCHAROMYCES POMBE (FISSION YEAST)//P41891
 F-NT2RM4000520//HYPOTHETICAL 7.5 KD PROTEIN (ORF 63)//0.011:55:38//SPINACIA OLERACEA (SPINACH)//P08974
 F-NT2RM4000531//ZINC FINGER PROTEIN 169 (FRAGMENT)//3.6e-44:244:42//HOMO SAPIENS (HUMAN)//Q14929
 50 F-NT2RM4000532//PUTATIVE MEMBRANE PROTEIN 53//1.0:47:34//HERPES VIRUS SAIMIRI (STRAIN 11)//Q01049
 F-NT2RM4000534//HYPOTHETICAL 5.9 KD PROTEIN IN WRBA-PUTA INTERGENIC REGION//0.75:26:46//ESCHERICHIA COLI//P56614
 55 F-NT2RM4000585//GAG POLYPROTEIN [CONTAINS: CORE PROTEIN P16; CORE PROTEIN P26]//0.019:86:34//HUMAN IMMUNODEFICIENCY VIRUS TYPE 2 (ISOLATE SBLIS Y) (HIV-2)//P12450
 F-NT2RM4000590//RING CANAL PROTEIN (KELCH PROTEIN)//5.0e-23:224:29//DROSOPHILA MELANOGASTER (FRUIT FLY)//Q04652

- F-NT2RM4000595//HYPOTHETICAL 54.9 KD PROTEIN C02F5.7 IN CHROMOSOME III.//3.8e-62:226:50//CAENORHABDITIS ELEGANS.//P34284
- F-NT2RM4000603//SRC SUBSTRATE CORTACTIN (AMPLAXIN) (EMS1 ONCOGENE).//0.077:132:22//HOMO SAPIENS (HUMAN).//Q14247
- 5 F-NT2RM4000611//HYPOTHETICAL 40.4 KD TRP-ASP REPEATS CONTAINING PROTEIN C14B1.4 IN CHROMOSOME III.//1.9e-06:82:32//CAENORHABDITIS ELEGANS.//Q17963
- F-NT2RM4000616//ACETYL-COENZYME A SYNTHETASE (EC 6.2.1.1) (ACETATE--COA LIGASE) (ACYL- ACTIVATING ENZYME).//5.3e-79:213:62//ESCHERICHIA COLI.//P27550
- 10 F-NT2RM4000674//HYPOTHETICAL SYMPORTER SLL1374.//1.3e-11:147:32//SYNECHOCYSTIS SP. (STRAIN PCC 6803).//P74168
- F-NT2RM4000689
- F-NT2RM4000698//CHORION CLASS HIGH-CYSTEINE HCA-PROTEIN 12 PRECURSOR (HC-A.12).//0.26:45:33//BOMBYX MORI (SILK MOTH).//P05687
- 15 F-NT2RM4000700//THIOPHENE AND FURAN OXIDATION PROTEIN THDF.//0.95:165:25//BORRELIA BURGDORFERI (LYME DISEASE SPIROCHETE).//P53364
- F-NT2RM4000712//PROBABLE UBIQUITIN CARBOXYL-TERMINAL HYDROLASE R10E11.3 (EC 3.1.2.15) (UBIQUITIN THIOLESTERASE) (UBIQUITIN-SPECIFIC PROCESSING PROTEASE) (DEUBIQUITINATING ENZYME).//2.2e-82:152:63//CAENORHABDITIS ELEGANS.//P34547
- 20 F-NT2RM4000717//SALIVARY GLUE PROTEIN SGS-3 PRECURSOR.//0.80:54:40//DROSOPHILA SIMULANS (FRUIT FLY).//P13729
- F-NT2RM4000733//OCTAPEPTIDE-REPEAT PROTEIN T2.//1.5e-08:139:28//MUS MUSCULUS (MOUSE).//Q06666
- F-NT2RM4000734//GASTRULA ZINC FINGER PROTEIN XLCGF26.1 (FRAGMENT).//7.2e-20:205:28//XENOPUS LAEVIS (AFRICAN CLAWED FROG).//P18715
- 25 F-NT2RM4000741//SPERM PROTAMINE P1.//0.89:52:38//ISOODON MACROURUS (SHORT-NOSED BANDICOOT).//P42136
- F-NT2RM4000751//ZINC FINGER PROTEIN 26 (ZFP-26) (MKR3 PROTEIN) (FRAGMENT).//5.2e-77:246:52//MUS MUSCULUS (MOUSE).//P10076
- 30 F-NT2RM4000764//KERATIN, GLYCINE/TYROSINE-RICH OF HAIR.//0.062:33:42//OVIS ARIES (SHEEP).//Q02958
- F-NT2RM4000778
- F-NT2RM4000779//SULFATED SURFACE GLYCOPROTEIN 185 (SSG 185).//0.014:53:45//VOLVOX CARTERI.//P21997
- F-NT2RM4000787//BONE MORPHOGENETIC PROTEIN 1 PRECURSOR (EC 3.4.24.-) (BMP-1).//0.00011:73:39//MUS MUSCULUS (MOUSE).//P98063
- 35 F-NT2RM4000790//SPORE COAT PROTEIN SP96.//0.00083:157:29//DICTYOSTELIUM DISCOIDEUM (SLIME MOLD).//P14328
- F-NT2RM4000795//CHOLINESTERASE PRECURSOR (EC 3.1.1.8) (ACYLCHOLINE ACYLHYDROLASE) (CHOLINE ESTERASE II) (BUTYRYLCHOLINE ESTERASE) (PSEUDOCHOLINESTERASE).//7.4e-41:271:36//HOMO SAPIENS (HUMAN).//P06276
- 40 F-NT2RM4000796//5-METHYLCYTOSINE-SPECIFIC RESTRICTION ENZYME B (EC 3.1.21.-).//0.28:82:30//ESCHERICHIA COLI.//P15005
- F-NT2RM4000798//PROTEIN TRANSPORT PROTEIN SEC7.//4.7e-38:165:48//SACCHAROMYCES CEREVISIAE (BAKER'S YEAST).//P11075
- 45 F-NT2RM4000813//METALLOTHIONEIN-IB.//0.0025:25:44//OVIS ARIES (SHEEP).//P09577
- F-NT2RM4000820
- F-NT2RM4000833//HYPOTHETICAL PROTEIN MJ1136.//6.5e-42:206:41//METHANOCOCCUS JANNASCHII.//Q58536
- F-NT2RM4000848//BRAIN-SPECIFIC HOMEODOMAIN/POU DOMAIN PROTEIN 3A (BRN-3A) (BRN-3.0).//0.00060:159:33//MUS MUSCULUS (MOUSE).//P17208
- 50 F-NT2RM4000852//SMALL PROLINE-RICH PROTEIN 2B (SPR-2B).//0.0076:13:69//HOMO SAPIENS (HUMAN).//P35325
- F-NT2RM4000855//ALU SUBFAMILY SQ WARNING ENTRY.//0.0060:68:44//HOMO SAPIENS (HUMAN).//P39194
- 55 F-NT2RM4000887//RTS1 PROTEIN (SCS1 PROTEIN).//0.23:153:24//SACCHAROMYCES CEREVISIAE (BAKER'S YEAST).//P38903
- F-NT2RM4000895//HYPOTHETICAL 53.5 KD PROTEIN IN PHO2-POL3 INTERGENIC REGION.//3.3e-09:80:46//SACCHAROMYCES CEREVISIAE (BAKER'S YEAST).//P43123

F-NT2RM4000950//HYPOTHETICAL PROTEIN MJ0572//0.090:68:29//METHANOCOCCUS JANNASCHII//
 Q57992
 F-NT2RM4000971//KINESIN LIGHT CHAIN (KLC)//0.79:201:24//LOLIGO PEALEII (LONGFIN SQUID)//P46825
 F-NT2RM4000979//MYOSIN REGULATORY LIGHT CHAIN 2, NONSARCOMERIC (MYOSIN RLC)//1.2e-07:25:
 5 96//HOMO SAPIENS (HUMAN)//P19105
 F-NT2RM4000996//ZINC FINGER PROTEIN 37 (ZFP-37) (MALE GERM CELL SPECIFIC ZINC FINGER PRO-
 TEIN)//1.4e-56:253:46//MUS MUSCULUS (MOUSE)//P17141
 F-NT2RM4001002
 F-NT2RM4001016//GAG POLYPROTEIN [CONTAINS: CORE PROTEIN P15; INNER COAT PROTEIN P12;
 10 CORE SHELL PROTEIN P30]//0.25:101:31//FBR MURINE OSTEOSARCOMA VIRUS//P29175
 F-NT2RM4001032//CUTICLE COLLAGEN 2//2.6e-07:130:39//CAENORHABDITIS ELEGANS//P17656
 F-NT2RM4001047//MO25 PROTEIN//5.6e-107:252:80//MUS MUSCULUS (MOUSE)//Q06138
 F-NT2RM4001054//PROTEIN TRANSPORT PROTEIN SEC61 ALPHA SUBUNIT//9.0e-109:209:94//CANIS FA-
 MILIARIS (DOG)//P38377
 15 F-NT2RM4001084//HYPOTHETICAL TRANSCRIPTIONAL REGULATOR IN UXUR-IADA INTERGENIC RE-
 GION//0.57:95:30//ESCHERICHIA COLI//P39376
 F-NT2RM4001092//HYPOTHETICAL 127.4 KD PROTEIN F07F6.4 IN CHROMOSOME III//2.5e-47:231:47//
 CAENORHABDITIS ELEGANS//Q09531
 F-NT2RM4001116//HYPOTHETICAL 216.3 KD PROTEIN R06F6.8 IN CHROMOSOME II//1.3e-08:243:23//
 20 CAENORHABDITIS ELEGANS//Q09417
 F-NT2RM4001140//HOMEBOX PROTEIN MSH-D//7.1e-13:103:38//BRACHYDANIO RERIO (ZEBRAFISH)
 (ZEBRA DANIO)//Q01704
 F-NT2RM4001151//SYNAPSINS IA AND IB (BRAIN PROTEIN 4.1)//0.26:96:34//HOMO SAPIENS (HUMAN)//
 P17600
 25 F-NT2RM4001155//ADRENAL MEDULLA 50 KD PROTEIN//3.6e-103:201:91//BOS TAURUS (BOVINE)//
 Q27969
 F-NT2RM4001160//GLUTATHIONE S-TRANSFERASE (EC 2.5.1.18) (CLASS-PHI) (FRAGMENTS)//1.0:33:36//
 BRASSICA OLERACEA (CAULIFLOWER)//P48438 F-NT2RM4001187//PREPROTEIN TRANSLOCASE SECA
 SUBUNIT//0.44:158:27//MYCOPLASMA GENITALIUM//P47318
 30 F-NT2RM4001191//LONG NEUROTOXIN 2 (TOXIN C)//0.99:44:43//ASTROTIA STOKESI (STOKES'S SEA
 SNAKE) (DSTEIRA STOKESI)//P01381
 F-NT2RM4001200//ZINC FINGER PROTEIN 135//2.2e-82:245:59//HOMO SAPIENS (HUMAN)//P52742
 F-NT2RM4001203//HYPOTHETICAL 57.5 KD PROTEIN IN VMA7-RPS25A INTERGENIC REGION//0.028:94:
 40//SACCHAROMYCES CEREVISIAE (BAKER'S YEAST)//P53214
 35 F-NT2RM4001204//SPLICEOSOME ASSOCIATED PROTEIN 62 (SAP 62) (SF3A66)//0.0096:182:34//HOMO
 SAPIENS (HUMAN)//Q15428
 F-NT2RM4001217//RING CANAL PROTEIN (KELCH PROTEIN)//2.1e-21:221:29//DROSOPHILA MELA-
 NOGASTER (FRUIT FLY)//Q04652
 F-NT2RM4001256//CBP3 PROTEIN PRECURSOR//0.30:55:32//SACCHAROMYCES CEREVISIAE (BAKER'S
 40 YEAST)//P21560
 F-NT2RM4001258//HYPOTHETICAL 35.5 KD PROTEIN IN TRANSPOSON TN4556//0.00031:132:39//STREP-
 TOMYCES FRADIAE//P20186
 F-NT2RM4001309//SALIVARY PROLINE-RICH PROTEIN PRECURSOR (CLONE CP7) [CONTAINS: BASIC
 PEPTIDE P-F] (FRAGMENT)//0.048:132:28//HOMO SAPIENS (HUMAN)//P02812
 45 F-NT2RM4001313//PHOSPHATIDYLINOSITOL 3-KINASE VPS34-LIKE (EC 2.7.1.137) (PI3-KINASE) (PTDINS-
 3-KINASE) (PI3K)//2.6e-37:124:65//DICTYOSTELIUM DISCOIDEUM (SLIME MOLD)//P54676
 F-NT2RM4001316//ACYL-COA DEHYDROGENASE, MEDIUM-CHAIN SPECIFIC PRECURSOR (EC 1.3.99.3)
 (MCAD)//1.7e-10:185:30//RATTUS NORVEGICUS (RAT)//P08503
 F-NT2RM4001320//PUTATIVE RHO/RAC GUANINE NUCLEOTIDE EXCHANGE FACTOR (RHO/RAC GEF) (FA-
 50 CIOGENITAL DYSPLASIA PROTEIN HOMOLOG)//1.5e-08:197:26//MUS MUSCULUS (MOUSE)//P52734
 F-NT2RM4001340//UTR4 PROTEIN (UNKNOWN TRANSCRIPT 4 PROTEIN)//7.7e-14:82:36//SACCHAROMY-
 CES CEREVISIAE (BAKER'S YEAST)//P32626
 F-NT2RM4001344//HYPOTHETICAL GTP-BINDING PROTEIN IN POP2-HOL1 INTERGENIC REGION//3.3e-
 16:128:35//SACCHAROMYCES CEREVISIAE (BAKER'S YEAST)//P53742
 55 F-NT2RM4001347//HYPOTHETICAL 76.9 KD PROTEIN IN RPM2-TUB1 INTERGENIC REGION//0.067:111:33//
 SACCHAROMYCES CEREVISIAE (BAKER'S YEAST)//Q04511
 F-NT2RM4001371
 F-NT2RM4001382//HISTIDINE-RICH GLYCOPROTEIN PRECURSOR//1.0e-08:82:39//PLASMODIUM LOPHU-

RAE//P04929
F-NT2RM4001384
F-NT2RM4001410//A-AGGLUTININ ATTACHMENT SUBUNIT PRECURSOR.//2.1e-08:185:31//SACCHAROMY-
CES CEREVISIAE (BAKER'S YEAST).//P32323
5 F-NT2RM4001411//EARLY NODULIN 20 PRECURSOR (N:20)//5.3e-05:105:38//MEDICAGO TRUNCATULA
(BARREL MEDIC).//P93329
F-NT2RM4001412//GTPASE-ACTIVATING PROTEIN (GAP) (RAS P21 PROTEIN ACTIVATOR) (P120GAP)
(RASGAP).//6.2e-17:109:41//RATTUS NORVEGICUS (RAT).//P50904
F-NT2RM4001414//ZINC FINGER PROTEIN 177.//8.3e-06:54:50//HOMO SAPIENS (HUMAN).//Q13360
10 F-NT2RM4001437//!!!! ALU SUBFAMILY SC WARNING ENTRY !!!!!//2.1e-24:87:65//HOMO SAPIENS (HUMAN).//
P39192
F-NT2RM4001444//PROBABLE ISOLEUCYL-TRNA SYNTHETASE (EC 6.1.1.5) (ISOLEUCINE--TRNA LIGASE)
(ILERS) (FRAGMENT).//2.6e-45:197:47//CIONA INTESTINALIS.//Q94425
F-NT2RM4001454//HYPOTHETICAL PROTEIN KIAA0041 (FRAGMENT).//0.0060:95:29//HOMO SAPIENS (HU-
15 MAN).//Q15057
F-NT2RM4001455//PROBABLE E5B PROTEIN.//0.41:44:36//HUMAN PAPILLOMAVIRUS TYPE 6B.//P06461
F-NT2RM4001483//ZINC FINGER PROTEIN 136.//1.7e-28:85:64//HOMO SAPIENS (HUMAN).//P52737
F-NT2RM4001489//PTB-ASSOCIATED SPLICING FACTOR (PSF).//0.086:111:34//HOMO SAPIENS (HUMAN).//
P23246
20 F-NT2RM4001519//ACID UREASE ALPHA SUBUNIT (EC 3.5.1.5) (UREA AMIDOHYDROLASE).//0.82:51:47//
LACTOBACILLUS FERMENTUM.//P26929
F-NT2RM4001522//TROPOMYOSIN.//0.030:117:23//SCHIZOSACCHAROMYCES POMBE (FISSION YEAST).//
Q02088
F-NT2RM4001557
25 F-NT2RM4001565//HYPOTHETICAL 44.3 KD PROTEIN C1F7.07C IN CHROMOSOME I.//0.99:42:40//
SCHIZOSACCHAROMYCES POMBE (FISSION YEAST).//Q09919
F-NT2RM4001566//GLUCOAMYLASE S1/S2 PRECURSOR (EC 3.2.1.3) (GLUCAN 1,4-ALPHA- GLUCOSI-
DAE) (1,4-ALPHA-D-GLUCAN GLUCOHYDROLASE).//0.054:190:23//SACCHAROMYCES CEREVISIAE
(BAKER'S YEAST).//P08640
30 F-NT2RM4001569//GUANINE NUCLEOTIDE-BINDING PROTEIN BETA SUBUNIT-LIKE PROTEIN (ACTIVATED
PROTEIN KINASE C RECEPTOR HOMOLOG).//0.72:64:31//TRYPA NOSOMA BRUCEI BRUCEI.//Q94775
F-NT2RM4001582
F-NT2RM4001592//DNA REPAIR PROTEIN RAD9.//0.00037:198:31//SACCHAROMYCES CEREVISIAE (BAK-
ER'S YEAST).//P14737
35 F-NT2RM4001594//IMMEDIATE-EARLY PROTEIN IE180.//1.9e-05:147:34//PSEUDORABIES VIRUS (STRAIN
KAPLAN) (PRV).//P33479
F-NT2RM4001597//THIOL:DISULFIDE INTERCHANGE PROTEIN TLPA (CYTOCHROME C BIOGENESIS PRO-
TEIN TLPA).//5.7e-06:122:29//BRADYRHIZOBIUM JAPONICUM.//P43221
F-NT2RM4001605//NUCLEAR PORE COMPLEX PROTEIN NUP155 (NUCLEOPORIN NUP155) (155 KD NU-
40 CLEOPORIN) (P140).//1.7e-128:249:96//RATTUS NORVEGICUS (RAT).//P37199
F-NT2RM4001611//SIS2 PROTEIN (HALOTOLERANCE PROTEIN HAL3).//1.5e-35:128:47//SACCHAROMY-
CES CEREVISIAE (BAKER'S YEAST).//P36024
F-NT2RM4001629//MAGUK P55 SUBFAMILY MEMBER 3 (MPP3 PROTEIN) (DISCS, LARGE HOMOLOG 3).//
5.8e-42:254:37//HOMO SAPIENS (HUMAN).//Q13368
45 F-NT2RM4001650//HOMEBOX PROTEIN HOX-A4 (CHOX-1.4).//0.62:19:57//GALLUS GALLUS (CHICKEN).//
P17277
F-NT2RM4001662//PROTEIN KINASE C, ALPHA TYPE (EC 2.7.1.-) (PKC-ALPHA).//0.29:90:32//HOMO SAPI-
ENS (HUMAN).//P17252
F-NT2RM4001666//HYPOTHETICAL 48.6 KD PROTEIN IN ALPA-GABP INTERGENIC REGION.//1.1e-31:137:
50 44//ESCHERICHIA COLI.//P37339
F-NT2RM4001682//PROBABLE 60S RIBOSOMAL PROTEIN L22.//0.98:55:29//CAENORHABDITIS ELEGANS.//
P52819
F-NT2RM4001710//HYPOTHETICAL PROTEIN KIAA0039 (FRAGMENT).//0.56:113:28//HOMO SAPIENS (HU-
MAN).//Q15054
55 F-NT2RM4001714//SEPTIN 2 HOMOLOG (FRAGMENT).//1.4e-108:255:77//HOMO SAPIENS (HUMAN).//
Q14141
F-NT2RM4001715//HYPOTHETICAL PROTEIN C19G10.16 IN CHROMOSOME I (FRAGMENT).//2.1e-36:148:
38//SCHIZOSACCHAROMYCES POMBE (FISSION YEAST).//Q10342

F-NT2RM4001731//HYPOTHETICAL 54.9 KD PROTEIN C02F5.7 IN CHROMOSOME III.//1.1e-05:90:33//
 CAENORHABDITIS ELEGANS.//P34284
 F-NT2RM4001741//TALIN.//1.1e-106:208:99//MUS MUSCULUS (MOUSE).//P26039
 F-NT2RM4001746//EBNA-1 NUCLEAR PROTEIN.//1.6e-09:155:38//EPSTEIN-BARR VIRUS (STRAIN B95-8)
 5 (HUMAN HERPESVIRUS 4).//P03211
 F-NT2RM4001754//COLLAGEN ALPHA 5(IV) CHAIN PRECURSOR.//0.93:158:33//HOMO SAPIENS (HUMAN).//
 P29400
 F-NT2RM4001758//PUTATIVE SERINE/THREONINE-PROTEIN KINASE P78 (EC 2.7.1.-).//5.1e-113:277:79//
 HOMO SAPIENS (HUMAN).//P27448
 10 F-NT2RM4001776//MYOSIN I ALPHA (MMI-ALPHA).//2.2e-73:262:54//MUS MUSCULUS (MOUSE).//P46735
 F-NT2RM4001783//ZINC FINGER PROTEIN HRX (ALL-1) (FRAGMENT).//5.3e-26:169:39//MUS MUSCULUS
 (MOUSE).//P55200
 F-NT2RM4001810//MALE SPECIFIC SPERM PROTEIN MST84DB.//2.3e-05:68:42//DROSOPHILA MELA-
 NOGASTER (FRUIT FLY).//Q01643
 15 F-NT2RM4001813//RHODOCETIN ALPHA SUBUNIT.//2.3e-05:115:34//AGKISTRODON RHODOSTOMA (MA-
 LAYAN PIT VIPER) (CALLOSELASMA RHODOSTOMA).//P81397
 F-NT2RM4001819//CELL SURFACE GLYCOPROTEIN EMR1 PRECURSOR (EMR1 HORMONE RECEPTOR)
 (CELL SURFACE GLYCOPROTEIN F4/80).//1.7e-06:159:25//MUS MUSCULUS (MOUSE).//Q61549
 F-NT2RM4001823//ZINC FINGER PROTEIN ZIC1 (ZINC FINGER PROTEIN OF THE CEREBELLUM 1).//2.6e-
 20 18:114:40//MUS MUSCULUS (MOUSE).//P46684
 F-NT2RM4001828//ZINC FINGER PROTEIN 84 (ZINC FINGER PROTEIN HPF2).//4.0e-81:253:59//HOMO SA-
 PIENS (HUMAN).//P51523
 F-NT2RM4001836//SPIDROIN 2 (DRAGLINE SILK FIBROIN 2) (FRAGMENT).//0.21:176:30//NEPHILA CLA-
 VIPES (ORB SPIDER).//P46804
 25 F-NT2RM4001841//PROLINE-RICH PEPTIDE P-B.//0.046:27:40//HOMO SAPIENS (HUMAN).//P02814
 F-NT2RM4001842//HYPOTHETICAL 7.0 KD PROTEIN B03B8.1 IN CHROMOSOME III.//0.98:35:42//
 CAENORHABDITIS ELEGANS.//Q11104
 F-NT2RM4001856//HYPOTHETICAL 75.2 KD PROTEIN IN ACS1-GCV3 INTERGENIC REGION.//2.3e-37:242:
 37//SACCHAROMYCES CEREVISIAE (BAKER'S YEAST).//P39722
 30 F-NT2RM4001858//T-BOX PROTEIN VEGT (T-BOX PROTEIN BRAT) (T-BOX PROTEIN ANTIPODEAN).//1.8e-
 23:78:64//XENOPUS LAEVIS (AFRICAN CLAWED FROG).//P87377
 F-NT2RM4001865//NEURONAL CALCIUM SENSOR 2 (NCS-2).//0.012:83:28//CAENORHABDITIS ELEGANS.//
 P36609
 F-NT2RM4001876//HYPOTHETICAL 118.4 KD PROTEIN IN BAT2-DAL5 INTERGENIC REGION PRECUR-
 35 SOR.//3.8e-10:242:32//SACCHAROMYCES CEREVISIAE (BAKER'S YEAST).//P47179
 F-NT2RM4001880//EC PROTEIN HOMOLOG.//0.22:59:32//ARABIDOPSIS THALIANA (MOUSE-EAR CRESS).//
 P93746
 F-NT2RM4001905//60S RIBOSOMAL PROTEIN L40 (CEP52).//0.57:20:60//HOMO SAPIENS (HUMAN), RAT-
 TUS NORVEGICUS (RAT), AND GALLUS GALLUS (CHICKEN).//P14793
 40 F-NT2RM4001922
 F-NT2RM4001930//PUTATIVE GLUCOSYLTRANSFERASE C08B11.8 (EC 2.4.1.-).//5.5e-45:167:53//
 CAENORHABDITIS ELEGANS.//Q09226
 F-NT2RM4001938//RTOA PROTEIN (RATIO-A).//0.0036:120:32//DICTYOSTELIUM DISCOIDEUM (SLIME
 MOLD).//P54681
 45 F-NT2RM4001940//IROQUOIS-CLASS HOMEODOMAIN PROTEIN IRX-1 (FRAGMENT).//0.32:31:48//HOMO
 SAPIENS (HUMAN).//P78415
 F-NT2RM4001953//!!!! ALU SUBFAMILY SC WARNING ENTRY !!!!!//2.2e-43:56:85//HOMO SAPIENS (HUMAN).//
 P39192
 F-NT2RM4001965//IG ALPHA-1 CHAIN C REGION.//0.56:73:34//GORILLA GORILLA GORILLA (LOWLAND GO-
 50 RILLA).//P20758
 F-NT2RM4001969//SALIVARY PROLINE-RICH PROTEIN PRECURSOR (CLONES CP3, CP4 AND CP5) [CON-
 TAINS: BASIC PEPTIDE IB-6; PEPTIDE P-H].//0.0016:140:27//HOMO SAPIENS (HUMAN).//P04280
 F-NT2RM4001979//ZINC FINGER PROTEIN 84 (ZINC FINGER PROTEIN HPF2).//3.9e-21:103:51//HOMO SA-
 PIENS (HUMAN).//P51523
 55 F-NT2RM4001984//HYPOTHETICAL PROTEIN LAMBDA-SP5.//0.0034:50:40//MUS MUSCULUS (MOUSE).//
 P15974
 F-NT2RM4001987//IRREGULAR CHIASM C-ROUGHEST PROTEIN PRECURSOR (IRREC PROTEIN).//6.9e-
 17:115:31//DROSOPHILA MELANOGASTER (FRUIT FLY).//Q08180

- F-NT2RM4002013//HYPOTHETICAL 54.5 KD TRP-ASP REPEATS CONTAINING PROTEIN ZC302.2 IN CHROMOSOME V//0.0062:117:28//CAENORHABDITIS ELEGANS//Q23256
- F-NT2RM4002018//SPORE COAT PROTEIN SP96//4.3e-06:203:28//DICTYOSTELIUM DISCOIDEUM (SLIME MOLD)//P14328
- 5 F-NT2RM4002034//RHO-GAP HEMATOPOIETIC PROTEIN C1 (P115) (KIAA0131)//0.78:132:25//HOMO SAPIENS (HUMAN)//P98171
- F-NT2RM4002044//VITELLOGENIN I PRECURSOR (MINOR VITELLOGENIN) [CONTAINS: LIPOVITELLIN I (LVI); PHOSVITIN (PV); LIPOVITELLIN II (LVII); YGP42]//0.062:201:24//GALLUS GALLUS (CHICKEN)//P87498
- 10 F-NT2RM4002054//DUPLICATE PROCYCLIN//0.0079:44:52//TRYPANOSOMA BRUCEI BRUCEI//P14044
- F-NT2RM4002055//PUTATIVE Z PROTEIN//0.82:39:30//OVIS ARIES (SHEEP)//P08105
- F-NT2RM4002062//ASPARTYL-TRNA SYNTHETASE (EC 6.1.1.12) (ASPARTATE--TRNA LIGASE) (ASPRS)//7.0e-37:80:52//THERMUS AQUATICUS (SUBSP. THERMOPHILUS)//P36419
- F-NT2RM4002063//SARCOSINE OXIDASE (EC 1.5.3.1)//2.2e-25:216:31//BACILLUS SP. (STRAIN NS-129)//P23342
- 15 F-NT2RM4002066//HYPOTHETICAL PROTEIN KIAA0192 (FRAGMENT)//1.1e-94:260:71//HOMO SAPIENS (HUMAN)//Q93074
- F-NT2RM4002067//ALU SUBFAMILY J WARNING ENTRY!!!!//1.5e-15:51:70//HOMO SAPIENS (HUMAN)//P39188
- F-NT2RM4002073//ELASTIN PRECURSOR (TROPOELASTIN)//4.9e-05:88:36//HOMO SAPIENS (HUMAN)//P15502
- 20 F-NT2RM4002075//RING CANAL PROTEIN (KELCH PROTEIN)//7.2e-43:220:41//DROSOPHILA MELANOGASTER (FRUIT FLY)//Q04652
- F-NT2RM4002093//POLYPYRIMIDINE TRACT-BINDING PROTEIN (PTB) (HETEROGENEOUS NUCLEAR RIBONUCLEOPROTEIN I) (HNRNP I) (57 KD RNA-BINDING PROTEIN PPTB-1)//1.8e-93:255:72//HOMO SAPIENS (HUMAN)//P26599
- 25 F-NT2RM4002109//KINESIN-LIKE PROTEIN KIF4//3.7e-101:260:78//MUS MUSCULUS (MOUSE)//P33174
- F-NT2RM4002128//HYPOTHETICAL PROTEIN IN CYCB 3'REGION PRECURSOR (ORF2) (FRAGMENT)//0.91:49:32//PARACOCCLUS DENITRIFICANS//P29969
- F-NT2RM4002140//GROUCHO PROTEIN (ENHANCER OF SPLIT M9/10)//0.36:104:22//DROSOPHILA MELANOGASTER (FRUIT FLY)//P16371
- 30 F-NT2RM4002145//SLIT PROTEIN PRECURSOR//8.6e-13:127:33//DROSOPHILA MELANOGASTER (FRUIT FLY)//P24014
- F-NT2RM4002146//MAGO NASHI PROTEIN//7.9e-69:143:91//DROSOPHILA MELANOGASTER (FRUIT FLY)//P49028
- 35 F-NT2RM4002161//DUAL SPECIFICITY PROTEIN PHOSPHATASE (EC 3.1.3.48) (EC 3.1.3.16)//0.0062:99:26//CHLAMYDOMONAS EUGAMETOS//Q39491
- F-NT2RM4002174//MRP PROTEIN//4.5e-50:183:55//ESCHERICHIA COLI//P21590
- F-NT2RM4002189//MUCIN 2 PRECURSOR (INTESTINAL MUCIN.2)//2.6e-14:233:29//HOMO SAPIENS (HUMAN)//Q02817
- 40 F-NT2RM4002194//TRANSMEMBRANE PROTEIN SEX PRECURSOR//0.92:108:28//HOMO SAPIENS (HUMAN)//P51805
- F-NT2RM4002205//ELONGATION FACTOR G, MITOCHONDRIAL PRECURSOR (MEF-G)//5.8e-39:122:72//RATTUS NORVEGICUS (RAT)//Q07803
- F-NT2RM4002213//HYPOTHETICAL 88.4 KD PROTEIN B0464.7 IN CHROMOSOME III//9.9e-27:110:43//CAENORHABDITIS ELEGANS//Q03565
- 45 F-NT2RM4002226//GTPASE ACTIVATING PROTEIN ROTUND//1.3e-21:147:41//DROSOPHILA MELANOGASTER (FRUIT FLY)//P40809
- F-NT2RM4002251//PROTEIN EF-7 (FRAGMENT)//0.00082:45:42//MUS MUSCULUS (MOUSE)//P97805
- F-NT2RM4002256//COLD-REGULATED PROTEIN 1 (FRAGMENT)//0.00015:114:42//HORDEUM VULGARE (BARLEY)//P23251
- 50 F-NT2RM4002266//CUTICLE COLLAGEN 2//0.00013:142:33//CAENORHABDITIS ELEGANS//P17656
- F-NT2RM4002278//HYPOTHETICAL 22.2 KD PROTEIN IN NSR1-TIF4631 INTERGENIC REGION//1.0:40:52//SACCHAROMYCES CEREVISIAE (BAKER'S YEAST)//P53288
- F-NT2RM4002281
- 55 F-NT2RM4002287//GAR2 PROTEIN//0.00055:225:23//SCHIZOSACCHAROMYCES POMBE (FISSION YEAST)//P41891
- F-NT2RM4002294//HYPOTHETICAL PROTEIN KIAA0281 (HA6725)//1.1e-60:152:75//HOMO SAPIENS (HUMAN)//Q92556

- F-NT2RM4002301//GENERAL STRESS PROTEIN CTC (FRAGMENT)//0.56:43:39//BACILLUS CALDOLYTICUS//P42832
- F-NT2RM4002323//NONHISTONE CHROMOSOMAL PROTEIN HMG-17//0.0080:73:35//BOS TAURUS (BOVINE)//P02313
- 5 F-NT2RM4002339//METALLOTHIONEIN 10-III (MT-10-III)//0.67:34:38//MYTILUS EDULIS (BLUE MUSSEL)//P80248
- F-NT2RM4002344//METALLOTHIONEIN-I (MT-I)//0.84:41:31//MUS MUSCULUS (MOUSE)//P02802
- F-NT2RM4002373//GLUTENIN, HIGH MOLECULAR WEIGHT SUBUNIT DY10 PRECURSOR//0.0019:190:28//TRITICUM AESTIVUM (WHEAT)//P10387
- 10 F-NT2RM4002374//SE5 ANTIGEN//0.0059:170:32//RATTUS NORVEGICUS (RAT)//Q63003
- F-NT2RM4002383//!!!! ALU SUBFAMILY SP WARNING ENTRY!!!!//0.13:17:88//HOMO SAPIENS (HUMAN)//P39193
- F-NT2RM4002390
- 15 F-NT2RM4002398//HNRNP ARGININE N-METHYLTRANSFERASE (EC 2.1.1.-) (ODP1 PROTEIN)//0.034:110:27//SACCHAROMYCES CEREVISIAE (BAKER'S YEAST)//P38074
- F-NT2RM4002409//ACETYL-COENZYME A SYNTHETASE (EC 6.2.1.1) (ACETATE--COA LIGASE) (ACYL- ACTIVATING ENZYME)//4.0e-20:179:31//METHANOTRIX SOEHNGENII//P27095
- F-NT2RM4002438//!!!! ALU SUBFAMILY SQ WARNING ENTRY!!!!//1.7e-15:41:95//HOMO SAPIENS (HUMAN)//P39194
- 20 F-NT2RM4002446//CRYPTDIN-RELATED PROTEIN 4C-1 PRECURSOR (CRS4C)//0.0058:24:50//MUS MUSCULUS (MOUSE)//P17534
- F-NT2RM4002452//METALLOTHIONEIN 10-II (MT-10-II)//0.83:48:37//MYTILUS EDULIS (BLUE MUSSEL)//P80247
- F-NT2RM4002457//!!!! ALU SUBFAMILY SC WARNING ENTRY!!!!//4.9e-07:52:63//HOMO SAPIENS (HUMAN)//P39192
- 25 F-NT2RM4002460//C-HORDEIN (CLONE PC-919) (FRAGMENT)//0.92:43:30//HORDEUM VULGARE (BARLEY)//P17992
- F-NT2RM4002479//RNA HELICASE-LIKE PROTEIN DB10//1.7e-28:200:41//NICOTIANA SYLVESTRIS (WOOD TOBACCO)//P46942
- 30 F-NT2RM4002482//HYPOTHETICAL 65.9 KD PROTEIN YPR065W//8.8e-26:123:49//SACCHAROMYCES CEREVISIAE (BAKER'S YEAST)//Q12514 F-NT2RM4002493//LARVAL CUTICLE PROTEIN I PRECURSOR//0.17:126:27//DROSOPHILA MIRANDA (FRUIT FLY)//P91627
- F-NT2RM4002499//!!!! ALU SUBFAMILY SQ WARNING ENTRY!!!!//9.4e-34:92:80//HOMO SAPIENS (HUMAN)//P39194
- 35 F-NT2RM4002504//!!!! ALU SUBFAMILY SB WARNING ENTRY!!!!//3.4e-19:55:83//HOMO SAPIENS (HUMAN)//P39189
- F-NT2RM4002527//WD-40 REPEAT PROTEIN MSI2//3.0e-07:193:27//ARABIDOPSIS THALIANA (MOUSE-EAR CRESS)//Q22468
- F-NT2RM4002532//AEROLYSIN REGULATORY PROTEIN//0.97:19:47//AEROMONAS SOBRIA//P09165
- 40 F-NT2RM4002534//MITOCHONDRIAL 60S RIBOSOMAL PROTEIN L32 PRECURSOR (YML32)//0.76:86:22//SACCHAROMYCES CEREVISIAE (BAKER'S YEAST)//P25348
- F-NT2RM4002558//LONG-CHAIN FATTY ACID TRANSPORT PROTEIN (FATP)//4.2e-55:204:50//MUS MUSCULUS (MOUSE)//Q60714
- 45 F-NT2RM4002565//CHYMOTRYPSIN/ELASTASE ISOINHIBITORS 2 TO 5//1.0:16:62//ASCARIS SUUM (PIG ROUNDWORM) (ASCARIS LUMBRICOIDES)//P07852
- F-NT2RM4002567//HYPOTHETICAL 74.0 KD PROTEIN IN CAJ1:HOM3 INTERGENIC REGION//2.7e-10:184:29//SACCHAROMYCES CEREVISIAE (BAKER'S YEAST)//P40032
- F-NT2RM4002571//POLYPEPTIDE N-ACETYL GALACTOSAMINYLTRANSFERASE (EC 2.4.1.41) (PROTEIN-UDP ACETYL GALACTOSAMINYLTRANSFERASE) (UDP-GALNAC:POLYPEPTIDE, N- ACETYL GALACTOSAMINYLTRANSFERASE) (GALNAC-T1)//2.4e-25:124:47//HOMO SAPIENS (HUMAN)//Q10472
- 50 F-NT2RM4002593//HYPOTHETICAL 9.1 KD PROTEIN IN TETB-EXOA INTERGENIC REGION//0.95:36:38//BACILLUS SUBTILIS//P37509
- F-NT2RM4002594//MSP1 PROTEIN HOMOLOG//9.0e-68:227:60//CAENORHABDITIS ELEGANS//P54815
- F-NT2RM4002623//ASPARTYL-TRNA SYNTHETASE (EC 6.1.1.12) (ASPARTATE--TRNA LIGASE) (ASPRS)//3.3e-54:243:47//SYNECHOCYSTIS SP. (STRAIN PCC 6803)//P73851
- 55 F-NT2RP1000018//SUPPRESSOR PROTEIN SRP40//0.0023:131:25//SACCHAROMYCES CEREVISIAE (BAKER'S YEAST)//P32583
- F-NT2RP1000035//RING CANAL PROTEIN (KELCH PROTEIN)//1.0e-06:63:34//DROSOPHILA MELA-

NOGASTER (FRUIT FLY) //Q04652
 F-NT2RP1000040//LETHAL NEUROTOXIN TX1 //0.69:21:47//PHONEUTRIA NIGRIVENTER (BRAZILIAN ARMED SPIDER) //P17727
 5 F-NT2RP1000063//HYPOTHETICAL 25.1 KD PROTEIN IN SMC3-MRPL8 INTERGENIC REGION //3.8e-14:130:30//SACCHAROMYCES CEREVISIAE (BAKER'S YEAST) //P40359
 F-NT2RP1000086//HYPOTHETICAL 9.4 KD PROTEIN IN RNPA:THDF INTERGENIC REGION //0.16:44:40//ESCHERICHIA COLI //P22847
 F-NT2RP1000101//45.8 KD PROTEIN IN SHM1-MRPL37 INTERGENIC REGION //1.9e-06:74:32//SACCHAROMYCES CEREVISIAE (BAKER'S YEAST) //P38344
 10 F-NT2RP1000111//COP1 REGULATORY PROTEIN (FUSCA PROTEIN FUS1) //2.7e-19:135:36//ARABIDOPSIS THALIANA (MOUSE-EAR CRESS) //P43254
 F-NT2RP1000112//DUAL SPECIFICITY PROTEIN KINASE TTK (EC 2.7.1.-) (PYT) //1.2e-39:91:62//HOMO SAPIENS (HUMAN) //P33981
 F-NT2RP1000124//ATP-DEPENDENT PROTEASE LA 2 (EC 3.4.21.53) //0.074:131:24//MYXOCOCCUS XANTHUS //P36774
 15 F-NT2RP1000130//HEPATOMA-DERIVED GROWTH FACTOR (HDGF) //1.5e-49:186:56//MUS MUSCULUS (MOUSE) //P51859
 F-NT2RP1000163//METALLOTHIONEIN (MT) //0.98:41:34//PLEURONECTES PLATESSA (PLAICE) //P07216
 F-NT2RP1000170//SALIVARY PROLINE-RICH PROTEIN PO (ALLELE K) [CONTAINS: PEPTIDE P-D] (FRAGMENT) //0.85:64:35//HOMO SAPIENS (HUMAN) //P10162
 20 F-NT2RP1000174//IMMEDIATE-EARLY PROTEIN IE180 //0.00056:89:37//PSEUDORABIES VIRUS (STRAIN KAPLAN) (PRV) //P33479
 F-NT2RP1000191//NIFU PROTEIN //0.53:78:35//FRANKIA ALNI //P46045
 F-NT2RP1000202//ANKYRIN, BRAIN VARIANT 2 (ANKYRIN B) (ANKYRIN, NONERYTHROID) (FRAGMENT) //9.1e-21:148:39//HOMO SAPIENS (HUMAN) //Q01485
 25 F-NT2RP1000243//HYPOTHETICAL PROTEIN MJ1136 //1.4e-37:219:36//METHANOCOCCUS JANNASCHII //Q58536
 F-NT2RP1000259//HYPOTHETICAL PROTEIN TP0318 //0.18:25:44//TREPONEMA PALLIDUM //O83338
 F-NT2RP1000272//SPLICING FACTOR, ARGININE/SERINE-RICH 3 (PRE-MRNA SPLICING FACTOR SRP20) (X16 PROTEIN) //1.6e-18:133:36//HOMO SAPIENS (HUMAN), AND MUS MUSCULUS (MOUSE) //P23152
 30 F-NT2RP1000324
 F-NT2RP1000326//HYPOTHETICAL 29.8 KD PROTEIN ZC97.1 IN CHROMOSOME III //1.0e-23:129:36//CAENORHABDITIS ELEGANS //P34599
 F-NT2RP1000333//ANTI-SILENCING PROTEIN 1 //2.5e-45:147:57//SACCHAROMYCES CEREVISIAE (BAKER'S YEAST) //P32447
 35 F-NT2RP1000348//REDUCED VIABILITY UPON STARVATION PROTEIN 161 //4.8e-14:119:34//SACCHAROMYCES CEREVISIAE (BAKER'S YEAST) //P25343
 F-NT2RP1000357//TRYPOMASTIGOTE DECAY-ACCELERATING FACTOR (T-DAF) (FRAGMENT) //1.0:43:32//TRYPANOSOMA CRUZI //Q26327
 40 F-NT2RP1000358//HYPOTHETICAL 84.4 KD PROTEIN IN RPC2/RET1 3'REGION //7.9e-28:244:35//SACCHAROMYCES CEREVISIAE (BAKER'S YEAST) //P39744
 F-NT2RP1000363//SKIN SECRETORY PROTEIN XP2 PRECURSOR (APEG PROTEIN) //2.2e-07:178:30//XENOPUS LAEVIS (AFRICAN CLAWED FROG) //P17437
 F-NT2RP1000376//ANKYRIN R (ANKYRINS 2.1 AND 2.2) (ERYTHROCYTE ANKYRIN) //1.5e-20:254:31//HOMO SAPIENS (HUMAN) //P16157
 45 F-NT2RP1000409//CYTOCHROME C3 (CYTOCHROME C7) (C551.5) //1.0:34:26//DESULFUROMONAS ACETOXIDANS (CHLOROPSEUDOMONAS ETHYLICA) //P00137
 F-NT2RP1000413//MEMBRANE-ASSOCIATED PROTEIN HEM-2 (NAP1 PROTEIN) //3.7e-131:230:97//RATTUS NORVEGICUS (RAT) //P55161
 50 F-NT2RP1000416//SALIVARY GLUE PROTEIN SGS-3 PRECURSOR //0.83:54:40//DROSOPHILA SIMULANS (FRUIT FLY) //P13729
 F-NT2RP1000418//HYPOTHETICAL 9.9 KD PROTEIN IN GCVT-SPOIIIAA INTERGENIC REGION //0.24:91:35//BACILLUS SUBTILIS //P49779
 F-NT2RP1000439//HYPOTHETICAL 100.5 KD PROTEIN C1B9.04 IN CHROMOSOME I //0.13:172:22//SCHIZOSACCHAROMYCES POMBE (FISSION YEAST) //Q10429
 55 F-NT2RP1000443//QUINONE OXIDOREDUCTASE (EC 1.6.5.5) (NADPH:QUINONE REDUCTASE) (ZETACRYSTALLIN) //1.9e-08:167:24//HOMO SAPIENS (HUMAN) //Q08257
 F-NT2RP1000460//NUCLEAR MOVEMENT PROTEIN NUDC //1.0e-18:149:34//EMERICELLA NIDULANS (AS-

PERGILLUS NIDULANS) //P17624
 F-NT2RP1000470//PUTATIVE ATP-DEPENDENT RNA HELICASE T26G10.1 IN CHROMOSOME III //1.3e-43:
 180:47//CAENORHABDITIS ELEGANS //P34580
 F-NT2RP1000478//TUBULIN BETA-6 CHAIN (CLASS-VI) //1.5e-45:85:63//GALLUS GALLUS (CHICKEN) //
 5 P09207
 F-NT2RP1000481//HYPOTHETICAL 5.8 KD PROTEIN IN PUHA 5'REGION (ORF55) //0.083:21:47//RHODO-
 BACTER CAPSULATUS (RHODOPSEUDOMONAS CAPSULATA) //P26159
 F-NT2RP1000493//POSSIBLE DNA-REPAIR PROTEIN XP-E (POSSIBLE XERODERMA PIGMENTOSUM
 10 GROUP E PROTEIN) (UV-DAMAGED DNA-BINDING PROTEIN) (UV-DDB) //6.6e-11:139:31//CERCOPITHEC-
 US AETHIOPS (GREEN MONKEY) (GRIVET) //P33194
 F-NT2RP1000513//60S RIBOSOMAL PROTEIN L22 //0.017:92:30//DROSOPHILA MELANOGASTER (FRUIT
 FLY) //P50887
 F-NT2RP1000522//UBIQUITIN CARBOXYL-TERMINAL HYDROLASE DUB-1 (EC 3.1.2.15) (UBIQUITIN THI-
 15 LESTERASE DUB-1) (UBIQUITIN-SPECIFIC PROCESSING PROTEASE DUB-1) (DEUBIQUITINATING EN-
 ZYME 1) //0.0055:86:36//MUS MUSCULUS (MOUSE) //Q61068
 F-NT2RP1000547//COP-COATED VESICLE MEMBRANE PROTEIN P24 PRECURSOR (FRAGMENT) //1.2e-
 09:69:36//CRICETULUS GRISEUS (CHINESE HAMSTER) //P49020
 F-NT2RP1000574//HOMEOBOX PROTEIN MEIS2 (MEIS1-RELATED PROTEIN 1) //6.0e-39:141:65//MUS MUS-
 CULUS (MOUSE) //P97367
 20 F-NT2RP1000577//PUTATIVE ATP-DEPENDENT RNA HELICASE YDL031W //0.00016:48:45//SACCHAROMY-
 CES CEREVISIAE (BAKER'S YEAST) //Q12389
 F-NT2RP1000581//VON WILLEBRAND FACTOR PRECURSOR //0.00017:61:50//HOMO SAPIENS (HUMAN) //
 P04275
 F-NT2RP1000609//LINOLEOYL-COA DESATURASE (EC 1.14.99.25) (DELTA(6)-DESATURASE) //4.4e-07:128:
 25 31//SYNECHOCYSTIS SP. (STRAIN PCC 6803) //Q08871
 F-NT2RP1000629//CLATHRIN COAT ASSEMBLY PROTEIN AP47 (CLATHRIN COAT ASSOCIATED PROTEIN
 AP47) (GOLGI ADAPTOR AP-1 47 KD PROTEIN) (HA1 47 KD SUBUNIT) (CLATHRIN ASSEMBLY PROTEIN
 ASSEMBLY PROTEIN COMPLEX 1 MEDIUM CHAIN) //4.2e-70:167:86//MUS MUSCULUS (MOUSE) //P35585
 F-NT2RP1000630//HYPOTHETICAL 118.4 KD PROTEIN IN BAT2-DAL5 INTERGENIC REGION PRECURSOR //
 30 0.0011:238:21//SACCHAROMYCES CEREVISIAE (BAKER'S YEAST) //P47179
 F-NT2RP1000677//COLLAGEN ALPHA 1(XVI) CHAIN PRECURSOR //0.99:71:33//HOMO SAPIENS (HUMAN) //
 Q07092
 F-NT2RP1000688//!!!! ALU SUBFAMILY SP WARNING ENTRY !!!! //0.0024:19:94//HOMO SAPIENS (HUMAN) //
 P39193
 35 F-NT2RP1000695//HYPOTHETICAL 83.8 KD PROTEIN C27F2.7 IN CHROMOSOME III //2.2e-30:185:37//
 CAENORHABDITIS ELEGANS //Q18262
 F-NT2RP1000701//PHOSPHOLIPASE A-2-ACTIVATING PROTEIN (PLAP) //3.2e-65:128:93//RATTUS NOR-
 VEGICUS (RAT) //P54319
 F-NT2RP1000721//TRANSCRIPTION INITIATION FACTOR TFIID 135 KD SUBUNIT (TAFII-135) (TAFII135)
 40 (TAFII-130) (TAFII130) //2.3e-06:139:34//HOMO SAPIENS (HUMAN) //O00268
 F-NT2RP1000730//MYOSIN LIGHT CHAIN 1, SLOW-TWITCH MUSCLE B/VENTRICULAR ISOFORM (FRAG-
 MENT) //0.89:40:40//MUS MUSCULUS (MOUSE) //P09542
 F-NT2RP1000733//METALLOTHIONEIN-LIKE PROTEIN, CRS5 //0.024:24:45//SACCHAROMYCES CEREVI-
 SIAE (BAKER'S YEAST) //P41902
 45 F-NT2RP1000738//SALIVARY ACIDIC PROLINE-RICH PHOSPHOPROTEIN 1/2 PRECURSOR (PRP-1 / PRP-
 3) (PRP-2 / PRP-4) (PIF-F / PIF-S) (PROTEIN A / PROTEIN C) [CONTAINS: PEPTIDE P-C] //0.040:82:36//HOMO
 SAPIENS (HUMAN) //P02810
 F-NT2RP1000746//HYPOTHETICAL 27.1 KD PROTEIN UFD4-CAP1 INTERGENIC REGION //2.0e-30:170:37//
 SACCHAROMYCES CEREVISIAE (BAKER'S YEAST) //P33201
 50 F-NT2RP1000767//PSEUDOMONAS PEPSIN PRECURSOR (EC 3.4.23.37) (PEPSTATIN-INSENSITIVE CAR-
 BOXYL PROTEINASE) //0.99:75:34//PSEUDOMONAS SP. (STRAIN 101) //P42790
 F-NT2RP1000782//CELL SURFACE GLYCOPROTEIN A15 (T-CELL ACUTE LYMPHOBLASTIC LEUKEMIA AS-
 SOCIATED ANTIGEN 1) (TALLA-1) (MEMBRANE COMPONENT; X CHROMOSOME, SURFACE MARKER 1) //
 2.3e-23:159:35//HOMO SAPIENS (HUMAN) //P41732
 55 F-NT2RP1000796//CORNIFIN (SMALL PROLINE-RICH PROTEIN I) (SPR-I) (SMALL PROLINE-RICH SQUA-
 MOUS CELL MARKER) (SPRP) //0.00018:79:32//SUS SCROFA (PIG) //P35323
 F-NT2RP1000825//GTPASE-ACTIVATING PROTEIN RHOGAP (RHO-RELATED SMALL GTPASE PROTEIN AC-
 TIVATOR) (CDC42 GTPASE-ACTIVATING PROTEIN) (P50-RHOGAP) //3.1e-37:89:64//HOMO SAPIENS (HU-

MAN)//Q07960
 F-NT2RP1000833//SMALL PROLINE RICH PROTEIN II (SPR-II) (CLONE 930)//0.32:29:48//HOMO SAPIENS (HUMAN)//P22531
 F-NT2RP1000834//2-ARYLPROPIONYL-COA EPIMERASE (EC 5.3.1.17)//6.4e-67:202:68//RATTUS NORVEGICUS (RAT)//P70473
 5 F-NT2RP1000836//HYPOTHETICAL 7.3 KD PROTEIN IN 100 KD PROTEIN REGION//1.0:35:54//HUMAN ADENOVIRUS TYPE 41//P23691
 F-NT2RP1000846//SMALL PROLINE-RICH PROTEIN 2-1//0.013:35:48//HOMO SAPIENS (HUMAN)//P35326
 F-NT2RP1000851//PERIOD CLOCK PROTEIN (FRAGMENT)//0.082:28:57//DROSOPHILA SALTANS (FRUIT FLY)//Q04536
 10 F-NT2RP1000856//PLATELET-ENDOTHELIAL TETRASPAN ANTIGEN 3 (PETA-3) (GP27) (MEMBRANE GLYCOPROTEIN SFA-1) (CD151 ANTIGEN)//2.5e-26:190:30//MUS MUSCULUS (MOUSE)//O35566
 F-NT2RP1000860//POTENTIAL TRANSCRIPTIONAL ADAPTOR//0.13:86:36//SACCHAROMYCES CEREVISIAE (BAKER'S YEAST)//Q02336
 15 F-NT2RP1000902//HYPOTHETICAL 127.4 KD PROTEIN F07F6.4 IN CHROMOSOME III//7.6e-11:200:35//CAENORHABDITIS ELEGANS//Q09531
 F-NT2RP1000915//HYPOTHETICAL GTP-BINDING PROTEIN IN PMI40-PAC2 INTERGENIC REGION//1.4e-06:88:35//SACCHAROMYCES CEREVISIAE (BAKER'S YEAST)//P40010
 F-NT2RP1000916//SUPPRESSOR PROTEIN SRP40//0.40:90:35//SACCHAROMYCES CEREVISIAE (BAKER'S YEAST)//P32583
 20 F-NT2RP1000943//MUCIN 2 PRECURSOR (INTESTINAL MUCIN 2)//0.099:75:34//HOMO SAPIENS (HUMAN)//Q02817
 F-NT2RP1000944//HYPOTHETICAL 29.3 KD PROTEIN (ORF92)//7.6e-06:65:41//ORGYIA PSEUDOTSUGATA MULTICAPSID POLYHEDROSIS VIRUS (OPMNPV)//O10341
 25 F-NT2RP1000947//UBIQUITIN-CONJUGATING ENZYME E2:17 KD 2 (EC 6.3.2.19) (UBIQUITIN- PROTEIN LIGASE) (UBIQUITIN CARRIER PROTEIN) (E2(17)KB 2)//3.6e-12:27:77//HOMO SAPIENS (HUMAN), MUS MUSCULUS (MOUSE), RATTUS NORVEGICUS (RAT), AND XENOPUS LAEVIS (AFRICAN CLAWED FROG)//P51669
 F-NT2RP1000954//RING CANAL PROTEIN (KELCH PROTEIN)//2.8e-15:169:28//DROSOPHILA MELANOGASTER (FRUIT FLY)//Q04652
 30 F-NT2RP1000958//HYPOTHETICAL GTP-BINDING PROTEIN IN PMI40-PAC2 INTERGENIC REGION//4.2e-16:162:32//SACCHAROMYCES CEREVISIAE (BAKER'S YEAST)//P40010
 F-NT2RP1000959//CORNIFIN A (SMALL PROLINE-RICH PROTEIN IA) (SPR-IA) (SPRK)//0.0031:34:44//HOMO SAPIENS (HUMAN)//P35321
 35 F-NT2RP1000966//NUCLEOLIN (PROTEIN C23)//1.5e-52:110:95//HOMO SAPIENS (HUMAN)//P19338
 F-NT2RP1000980//LIGHT-HARVESTING PROTEIN B-1015- ALPHA CHAIN PRECURSOR (ANTENNA PIGMENT PROTEIN, ALPHA CHAIN)//0.87:37:45//RHODOPSEUDOMONAS VIRIDIS//P04123
 F-NT2RP1000988
 F-NT2RP1001011//PROTEIN P19//0.96:30:50//BACTERIOPHAGE PRD1//P17638
 40 F-NT2RP1001013//DNA-BINDING PROTEIN 65 (PROTEIN GP65)//1.0:20:45//BACTERIOPHAGE T4//P16012
 F-NT2RP1001014
 F-NT2RP1001033//TUBULIN GAMMA CHAIN//2.5e-16:112:42//SCHIZOSACCHAROMYCES POMBE (FISSION YEAST)//P25295
 F-NT2RP1001073//HYPOTHETICAL 10.4 KD PROTEIN IN FTR1-SPT15 INTERGENIC REGION//7.6e-16:82:51//SACCHAROMYCES CEREVISIAE (BAKER'S YEAST)//P40089
 45 F-NT2RP1001079//SARCOSINE OXIDASE (EC 1.5.3.1)//4.8e-15:95:40//ARTHROBACTER SP. (STRAIN TE1826)//P40873
 F-NT2RP1001080//PROBABLE ATP-DEPENDENT RNA HELICASE DBP9//2.4e-29:126:46//SACCHAROMYCES CEREVISIAE (BAKER'S YEAST)//Q06218
 50 F-NT2RP1001113//SMALL PROLINE-RICH PROTEIN 2-1//0.49:38:39//HOMO SAPIENS (HUMAN)//P35326
 F-NT2RP1001173//RHOMBOTIN-1 (CYSTEINE RICH PROTEIN TTG-1) (T-CELL TRANSLOCATION PROTEIN 1) (LIM-ONLY PROTEIN 1)//0.99:54:37//HOMO SAPIENS (HUMAN)//P25800
 F-NT2RP1001177//HISTONE MACRO-H2A.1//1.6e-29:85:76//RATTUS NORVEGICUS (RAT)//Q02874
 F-NT2RP1001185
 55 F-NT2RP1001199//NEUROTOXIN I//1.0:23:47//CENTRUROIDES SCULPTURATUS (BARK SCORPION)//P01491
 F-NT2RP1001247//TRANSFORMING GROWTH FACTOR BETA 4 PRECURSOR (TGF-BETA 4) (ENDOMETRIAL BLEEDING-ASSOCIATED FACTOR)//3.3e-08:28:89//HOMO SAPIENS (HUMAN)//O00292

- F-NT2RP1001248//TAT PROTEIN (TRANSACTIVATING REGULATORY PROTEIN) //0.33:49:28//HUMAN IMMUNODEFICIENCY VIRUS TYPE 1 (NDK ISOLATE) (HIV-1) //P18804
- F-NT2RP1001253//GLUCOSAMINE-6-PHOSPHATE ISOMERASE (EC 5.3.1.10) (GLUCOSAMINE-6-PHOSPHATE DEAMINASE) (GNPDA) (OSCILLIN) (KIAA0060) //3.8e-46:115:81//HOMO SAPIENS (HUMAN) //P46926
- 5 F-NT2RP1001286//GALECTIN-3 (GALACTOSE-SPECIFIC LECTIN 3) (MAC-2 ANTIGEN) (IGE-BINDING PROTEIN) (35 KD LECTIN) (CARBOHYDRATE BINDING PROTEIN 35) (CBP 35) (LAMININ-BINDING PROTEIN) (LECTIN L-29) (L-34 GALACTOSIDE-BINDING LECTIN) //0.16:48:37//MUS MUSCULUS (MOUSE) //P16110
- F-NT2RP1001294//MICROTUBULE-ASSOCIATED PROTEIN YTM1 //6.1e-05:92:34//SACCHAROMYCES CEREVISIAE (BAKER'S YEAST) //Q12024
- 10 F-NT2RP1001302//MICROTUBULE-ASSOCIATED PROTEIN YTM1 //1.2e-05:92:33//SACCHAROMYCES CEREVISIAE (BAKER'S YEAST) //Q12024
- F-NT2RP1001310//PROBABLE E4 PROTEIN //0.99:109:26//HUMAN PAPILLOMAVIRUS TYPE 5 //P06924
- F-NT2RP1001311//SODIUM/HYDROGEN EXCHANGER 5 (NA(+)/H(+) EXCHANGER 5) (NHE-5) (FRAGMENT) //0.99:94:31//HOMO SAPIENS (HUMAN) //Q14940
- 15 F-NT2RP1001313//CYTOCHROME B5 //9.0e-13:92:38//SACCHAROMYCES CEREVISIAE (BAKER'S YEAST) //P40312
- F-NT2RP1001361//NADH-UBIQUINONE OXIDOREDUCTASE SUBUNIT B14.5B (EC 1.6.5.3) (EC 1.6.99.3) (COMPLEX I-B14.5B) (CI-B14.5B) //1.2e-47:117:74//BOS TAURUS (BOVINE) //Q02827
- F-NT2RP1001385//CELL DIVISION PROTEIN FTSN //0.64:107:28//ESCHERICHIA COLI //P29131
- 20 F-NT2RP1001395//PROCOLLAGEN ALPHA 2(I) CHAIN PRECURSOR (FRAGMENTS) //0.25:35:45//GALLUS GALLUS (CHICKEN) //P02467
- F-NT2RP1001410//PUTATIVE GTP-BINDING PROTEIN W08E3.3 //2.2e-41:129:67//CAENORHABDITIS ELEGANS //P91917
- F-NT2RP1001424//UREASE ACCESSORY PROTEIN UREF (FRAGMENT) //0.87:24:45//ESCHERICHIA COLI //Q03286
- 25 F-NT2RP1001432//CYSTEINE PROTEINASE INHIBITOR B (CYSTATIN B) (SCB) //1.0:35:42//HELIANTHUS ANNUUS (COMMON SUNFLOWER) //Q10993
- F-NT2RP1001449//KERATIN, ULTRA HIGH-SULFUR MATRIX PROTEIN (UHS KERATIN) //0.053:37:37//OVIS ARIES (SHEEP) //P26372
- 30 F-NT2RP1001457//HYPOTHETICAL 57.0 KD TRP-ASP REPEATS CONTAINING PROTEIN IN CPR4-SSK22 INTERGENIC REGION //2.9e-16:159:30//SACCHAROMYCES CEREVISIAE (BAKER'S YEAST) //P25382
- F-NT2RP1001466//HYPOTHETICAL PROTEIN MJ0284 //5.3e-15:162:35//METHANOCOCCUS JANNASCHII //Q57732
- F-NT2RP1001475//HYPOTHETICAL 195.1 KD PROTEIN IN DNA43-UBI1 INTERGENIC REGION //0.69:119:27//SACCHAROMYCES CEREVISIAE (BAKER'S YEAST) //P40457
- 35 F-NT2RP1001482//PROTEASOME COMPONENT C9 (EC 3.4.99.46) (MACROPAIN SUBUNIT C9) (MULTICATALYTIC ENDOPEPTIDASE COMPLEX SUBUNIT C9) //1.0:58:32//HOMO SAPIENS (HUMAN) //P25789
- F-NT2RP1001494//MALE STERILITY PROTEIN 2 //2.4e-12:84:42//ARABIDOPSIS THALIANA (MOUSE-EAR CRESS) //Q08891
- 40 F-NT2RP1001543//MYO-INOSITOL-1-PHOSPHATE SYNTHASE (EC 5.5.1.4) (IPS) //6.3e-37:94:52//SPIRODELA POLYRRHIZA //P42803
- F-NT2RP1001546//LEUKOCYTE SURFACE ANTIGEN CD53 (CELL SURFACE GLYCOPROTEIN CD53) //9.3e-11:98:29//HOMO SAPIENS (HUMAN) //P19397
- 45 F-NT2RP1001569//SIGNAL RECOGNITION PARTICLE RECEPTOR BETA SUBUNIT (SR-BETA) //2.2e-64:159:84//MUS MUSCULUS (MOUSE) //P47758
- F-NT2RP1001616//HYPOTHETICAL 13.5 KD PROTEIN C45G9.7 IN CHROMOSOME III //9.2e-05:49:42//CAENORHABDITIS ELEGANS //Q09506
- F-NT2RP1001665//REGB PROTEIN //0.99:29:37//PSEUDOMONAS AERUGINOSA //Q03381
- F-NT2RP2000001//SMALL PROLINE-RICH PROTEIN 2-1 //0.64:36:41//HOMO SAPIENS (HUMAN) //P35326
- 50 F-NT2RP2000006//DNAJ PROTEIN HOMOLOG 1 (HDJ-1) (HEAT SHOCK PROTEIN 40) (HSP40) //1.7e-19:74:52//HOMO SAPIENS (HUMAN) //P25685
- F-NT2RP2000007//TROPOMYOSIN, FIBROBLAST AND EPITHELIAL MUSCLE-TYPE (TM36) (TME1) (TM1) //0.93:126:23//HOMO SAPIENS (HUMAN) //P06468
- F-NT2RP2000008//ZINC FINGER PROTEIN 33A (ZINC FINGER PROTEIN KOX31) (KIAA0065) (HA0946) (FRAGMENT) //4.2e-35:156:54//HOMO SAPIENS (HUMAN) //Q06730
- 55 F-NT2RP2000027//NADH-UBIQUINONE OXIDOREDUCTASE CHAIN 5 (EC 1.6.5.3) (FRAGMENT) //0.95:41:39//MACACA FASCICULARIS (CRAB EATING MACAQUE) (CYNOMOLGUS MONKEY) //P50665
- F-NT2RP2000032//BAX PROTEIN, CYTOPLASMIC ISOFORM GAMMA //1.0:35:34//HOMO SAPIENS (HU-

MAN)//Q07815
 F-NT2RP2000040//BASIC PROLINE-RICH PEPTIDE IB-1//0.0024:58:36//HOMO SAPIENS (HUMAN)//P04281
 F-NT2RP2000045//DNAJ PROTEIN//1.1e-12:42:66//THERMUS-AQUATICUS (SUBSP. THERMOPHILUS)//
 Q56237
 5 F-NT2RP2000054//GONADOLIBERIN III PRECURSOR (GONADOTROPIN-RELEASING HORMONE III) (GN-
 RH-III) (LH-RH III) (LULIBERIN III)//0.20:46:36//ONCORHYNCHUS MASOU (CHERRY SALMON) (MASU SALM-
 ON)//P30973
 F-NT2RP2000056//PROTEIN-TYROSINE PHOSPHATASE EPSILON-PRECURSOR (EC 3.1.3.48) (R-PTP- EP-
 SILON)//1.3e-18:45:100//MUS MUSCULUS (MOUSE)//P49446
 10 F-NT2RP2000067//HOMEBOX PROTEIN HOX-A5 (S12-B) (FRAGMENT)//0.71:44:40//SALMO SALAR (AT-
 LANTIC SALMON)//P09637
 F-NT2RP2000070//INSULIN//0.94:30:43//HYSTRIX CRISTATA (CRESTED PORCUPINE)//P01328
 F-NT2RP2000076//ETS-LIKE PROTEIN POINTED P1 (D-ETS-2)//0.0013:76:40//DROSOPHILA MELA-
 NOGASTER (FRUIT FLY)//P51022
 15 F-NT2RP2000077//U1 SMALL NUCLEAR RIBONUCLEOPROTEIN C (U1-C)//0.24:49:40//HOMO SAPIENS
 (HUMAN)//P09234
 F-NT2RP2000079//PLATELET FACTOR 4 (PF-4)//0.15:52:30//SUS SCROFA (PIG)//P30034
 F-NT2RP2000088//HYPOTHETICAL 13.6 KD PROTEIN IN SPT4-ROM1 INTERGENIC REGION//1.0:36:44//
 SACCHAROMYCES CEREVISIAE (BAKER'S YEAST)//P53245
 20 F-NT2RP2000091//HYPOTHETICAL PROTEIN HI0149 PRECURSOR//0.22:38:47//HAEMOPHILUS INFLUEN-
 ZAE//P43953
 F-NT2RP2000097//VIRUS ATTACHMENT PROTEIN (O61R)//0.75:33:36//AFRICAN SWINE FEVER VIRUS
 (STRAIN BA71V) (ASFV)//P32510
 F-NT2RP2000098
 25 F-NT2RP2000108//!!!! ALU SUBFAMILY SX WARNING ENTRY !!!!!//2.4e-09:50:70//HOMO SAPIENS (HUMAN)//
 P39195
 F-NT2RP2000114//WISKOTT-ALDRICH SYNDROME PROTEIN (WASP)//0.024:52:44//HOMO SAPIENS (HU-
 MAN)//P42768
 F-NT2RP2000120//5.8 KD PROTEIN IN HMC OPERON (ORF 4)//0.67:37:32//DESULFOVIBRIO VULGARIS
 30 (STRAIN HILDENBOROUGH)//P33391
 F-NT2RP2000126//CHROMODOMAIN-HELICASE-DNA-BINDING PROTEIN 1 (CHD-1)//1.5e-23:94:47//HOMO
 SAPIENS (HUMAN)//O14646
 F-NT2RP2000133//SPLICEOSOME ASSOCIATED PROTEIN 49 (SAP 49) (SF3B53)//5.6e-10:82:39//HOMO SA-
 PIENS (HUMAN)//Q15427
 35 F-NT2RP2000147//CLATHRIN COAT ASSEMBLY PROTEIN AP47 (CLATHRIN COAT ASSOCIATED PROTEIN
 AP47) (GOLGI ADAPTOR AP-1 47 KD PROTEIN) (HA1 47 KD SUBUNIT) (CLATHRIN ASSEMBLY PROTEIN
 ASSEMBLY PROTEIN COMPLEX 1 MEDIUM CHAIN)//6.7e-89:96:98//MUS MUSCULUS (MOUSE)//P35585
 F-NT2RP2000153//PEPTIDYLPROLYL ISOMERASE CYP-1 (EC 5.2.1.8) (PEPTIDYLPROLYL CIS-TRANS ISO-
 MERASE) (CYCLOPHILIN) (PPIASE)//1.7e-05:136:33//BRUGIA MALAYI//Q27450
 40 F-NT2RP2000157//MLO2 PROTEIN//2.7e-06:62:40//SCHIZOSACCHAROMYCES POMBE (FISSION YEAST)//
 Q09329
 F-NT2RP2000161//DIS3 PROTEIN HOMOLOG//2.7e-33:173:45//CAENORHABDITIS ELEGANS//Q17632
 F-NT2RP2000173//HYPOTHETICAL 10.5 KD PROTEIN IN SODA-COMGA INTERGENIC REGION//0.99:62:25//
 BACILLUS SUBTILIS//P54499
 45 F-NT2RP2000175//MALE SPECIFIC SPERM PROTEIN MST84DB//0.19:41:43//DROSOPHILA MELA-
 NOGASTER (FRUIT FLY)//Q01643
 F-NT2RP2000183//DIHYDROPYRIMIDINASE RELATED PROTEIN-2 (DRP-2) (NEURAL SPECIFIC PROTEIN
 NSP60)//4.1e-19:114:44//BOS TAURUS (BOVINE)//O02675
 F-NT2RP2000195//ATP SYNTHASE PROTEIN 8 (EC 3.6.1.34) (A6L)//0.99:30:33//MICROTUS PENNSYLVANI-
 50 CUS (MEADOW VOLE)//P24949
 F-NT2RP2000205//MERCURIC TRANSPORT PROTEIN PERIPLASMIC COMPONENT PRECURSOR (PERI-
 PLASMIC MERCURY ION BINDING PROTEIN) (MERCURY SCAVENGER PROTEIN)//0.098:88:25//SH-
 EWANELLA PUTREFACIENS (PSEUDOMONAS PUTREFACIENS)//Q54463
 F-NT2RP2000208//MALE SPECIFIC SPERM PROTEIN MST84DD//0.020:19:57//DROSOPHILA MELA-
 55 NOGASTER (FRUIT FLY)//Q01645
 F-NT2RP2000224//PUTATIVE CUTICLE COLLAGEN C09G5.4//0.0058:159:32//CAENORHABDITIS ELE-
 GANS//Q09455
 F-NT2RP2000232//P55-C-FOS PROTO-ONCOGENE PROTEIN (FRAGMENT)//1.0:44:38//OVIS ARIES

(SHEEP)//O02761
 F-NT2RP2000233//GASTRIN/CHOLECYSTOKININ TYPE B RECEPTOR (CCK-B RECEPTOR) (CCK-BR)//
 0.34:53:43//CANIS FAMILIARIS (DOG)//P30552
 F-NT2RP2000239//ACIDIC PROLINE-RICH PROTEIN PRECURSOR (CLONE PRP25) (FRAGMENT)//0.019:
 5 69:33//RATTUS NORVEGICUS (RAT)//P10164
 F-NT2RP2000248//OVOMUCOID (FRAGMENT)//0.88:18:55//POLYPLECTRON EMPHANUM (PALAWAN PEA-
 COCK-PHEASANT)//P52250
 F-NT2RP2000257//PUTATIVE MITOCHONDRIAL CARRIER YIL006W//6.4e-09:83:37//SACCHAROMYCES
 CEREVISIAE (BAKER'S YEAST)//P40556
 10 F-NT2RP2000258//MYOSIN II HEAVY CHAIN, NON MUSCLE//0.081:217:28//DICTYOSTELIUM DISCOIDEUM
 (SLIME MOLD)//P08799
 F-NT2RP2000270//!!!! ALU SUBFAMILY J WARNING ENTRY!!!!//2.4e-17:80:57//HOMO SAPIENS (HUMAN)//
 P39188
 F-NT2RP2000274//HYPOTHETICAL 5.8 KD PROTEIN//0.082:22:45//CLOVER YELLOW MOSAIC VIRUS
 15 (CYMV)//P16485
 F-NT2RP2000283//HYPOTHETICAL 83.6 KD PROTEIN R05D3.2 IN CHROMOSOME III//0.39:38:34//
 CAENORHABDITIS ELEGANS//P34535
 F-NT2RP2000288
 F-NT2RP2000289//HYPOTHETICAL 9.4 KD PROTEIN IN RNPA-THDF INTERGENIC REGION//0.40:38:42//ES-
 20 CHERICHIA COLI//P22847
 F-NT2RP2000297//ZINC FINGER PROTEIN 85 (ZINC FINGER PROTEIN HPF4) (HTF1)//2.3e-62:206:47//HO-
 MO SAPIENS (HUMAN)//Q03923
 F-NT2RP2000298//CUTICLE COLLAGEN 12 PRECURSOR//0.55:81:40//CAENORHABDITIS ELEGANS//
 P20630
 25 F-NT2RP2000310//RUBREDOXIN (RD)//0.13:43:41//TREPONEMA PALLIDUM//O83956
 F-NT2RP2000327//ATP SYNTHASE PROTEIN 8 (EC 3.6.1.34) (A6L)//1.0:46:30//GADUS MORHUA (ATLANTIC
 COD)//P15996
 F-NT2RP2000328//HYPOTHETICAL 86.6 KD PROTEIN IN PFK1-TDS4 INTERGENIC REGION//2.0e-21:198:
 31//SACCHAROMYCES CEREVISIAE (BAKER'S YEAST)//P53313
 30 F-NT2RP2000329//GTP:AMP PHOSPHOTRANSFERASE MITOCHONDRIAL (EC 2.7.4.10) (AK3)//1.8e-91:155:
 92//BOS TAURUS (BOVINE)//P08760
 F-NT2RP2000337//PROTEIN A54//0.75:48:35//VACCINIA VIRUS (STRAIN WR), AND VACCINIA VIRUS
 (STRAIN COPENHAGEN)//P21072
 F-NT2RP2000346//MYELOID DIFFERENTIATION PRIMARY RESPONSE PROTEIN MYD116//9.7e-13:114:42//
 35 MUS MUSCULUS (MOUSE)//P17564
 F-NT2RP2000369//CALTRIN (CALCIUM TRANSPORT INHIBITOR)//0.98:47:34//MUS MUSCULUS (MOUSE)//
 Q09098
 F-NT2RP2000412//SHORT NEUROTOXIN D PRECURSOR//0.66:57:36//AIPYSURUS LAEVIS (OLIVE SEA
 SNAKE)//P19960
 40 F-NT2RP2000414//HETEROGENEOUS NUCLEAR RIBONUCLEOPROTEIN F (HNRNP F)//1.0e-27:96:67//HO-
 MO SAPIENS (HUMAN)//P52597
 F-NT2RP2000420//ZINC FINGER PROTEIN 191//0.16:47:38//HOMO SAPIENS (HUMAN)//O14754
 F-NT2RP2000422//PUTATIVE PHOSPHOACETYLGLUCOSAMINE MUTASE (EC 5.4.2.3) (ACETYLGLU-
 COSAMINE PHOSPHOMUTASE) (N-ACETYLGLUCOSAMINE-PHOSPHATE MUTASE)//3.6e-19:148:36//
 45 SCHIZOSACCHAROMYCES POMBE (FISSION YEAST)//Q09687
 F-NT2RP2000438//TUBULIN GAMMA CHAIN//0.86:190:27//RETICULOMYXA FILOSA//P54405
 F-NT2RP2000448//OXYSTEROL-BINDING PROTEIN//3.7e-13:140:42//HOMO SAPIENS (HUMAN)//P22059
 F-NT2RP2000459//NEURONAL PROTEIN 3.1 (P311 PROTEIN)//1.0:45:35//HOMO SAPIENS (HUMAN)//
 Q16612
 50 F-NT2RP2000498//!!!! ALU SUBFAMILY SQ WARNING ENTRY!!!!//0.062:25:68//HOMO SAPIENS (HUMAN)//
 P39194
 F-NT2RP2000503
 F-NT2RP2000510//TOXIN IV-5//1.0:51:33//TITYUS BAHIIENSIS (BRAZILIAN SCORPION)//P56608
 F-NT2RP2000516//SLYX PROTEIN//1.0:52:32//ESCHERICHIA COLI//P30857
 55 F-NT2RP2000523//PHORBOLIN I (FRAGMENTS)//1.4e-06:36:47//HOMO-SAPIENS (HUMAN)//P31941
 F-NT2RP2000603//ALPHA/BETA-GLIADIN PRECURSOR (PROLAMIN) (CLASS A-III)//0.93:119:26//TRITICUM
 AESTIVUM (WHEAT)//P04723
 F-NT2RP2000617//SPERM PROTAMINE P1 (CYSTEINE-RICH PROTAMINE)//0.056:16:62//OVIS ARIES

(SHEEP), AND CAPRA HIRCUS (GOAT).//P04102
 F-NT2RP2000634//NEDD-4 PROTEIN (EC 6.3.2.-) (KIAA0093) (FRAGMENT).//1.8e-05:128:28//HOMO SAPIENS (HUMAN).//P46934
 F-NT2RP2000644//HYPOTHETICAL PROTEIN HI1566 PRECURSOR.//0.85:48:39//HAEMOPHILUS INFLUENZAE.//P44257
 5 F-NT2RP2000656//EARLY GROWTH RESPONSE PROTEIN 1 (EGR-1) (NERVE GROWTH FACTOR-INDUCED PROTEIN A) (NGFI-A).//1.0:111:24//RATTUS NORVEGICUS (RAT).//P08154
 F-NT2RP2000658//URONATE ISOMERASE (EC 5.3.1.12) (GLUCURONATE ISOMERASE) (URONIC ISOMERASE).//0.49:79:31//ESCHERICHIA COLI.//P42607
 10 F-NT2RP2000668//MEROZOITE SURFACE ANTIGEN 2 PRECURSOR (MSA-2) (45 KD MEROZOITE SURFACE ANTIGEN).//0.020:115:30//PLASMODIUM FALCIPARUM (ISOLATE 3D7).//P50498
 F-NT2RP2000678//!!!! ALU SUBFAMILY J WARNING ENTRY !!!!!//0.00085:38:68//HOMO SAPIENS (HUMAN).//P39188
 F-NT2RP2000704//!!!! ALU SUBFAMILY J WARNING ENTRY !!!!!//2.2e-17:55:74//HOMO SAPIENS (HUMAN).//P39188
 15 F-NT2RP2000710//ASPARTYL-TRNA SYNTHETASE (EC 6.1.1.12) (ASPARTATE--TRNA LIGASE) (ASPRS).//8.9e-47:106:59//TREPONEMA PALLIDUM.//O83950
 F-NT2RP2000715
 F-NT2RP2000731//CONIDIATION-SPECIFIC PROTEIN 10.//0.094:31:41//NEUROSPORA CRASSA.//P10713
 20 F-NT2RP2000758//!!!! ALU SUBFAMILY J WARNING ENTRY !!!!!//0.00027:31:74//HOMO SAPIENS (HUMAN).//P39188
 F-NT2RP2000764//NIFS PROTEIN.//2.7e-27:175:47//ANABAENA SP. (STRAIN PCC 7120).//P12623
 F-NT2RP2000809//HYPOTHETICAL PROTEIN MG381 HOMOLOG.//0.91:85:25//MYCOPLASMA PNEUMONIAE.//P75219
 25 F-NT2RP2000812//DILUTE MYOSIN HEAVY CHAIN, NON-MUSCLE (MYOSIN 5A).//2.8e-07:133:31//MUS MUSCULUS (MOUSE).//Q99104
 F-NT2RP2000814//40S RIBOSOMAL PROTEIN S27A.//0.93:44:38//LYCOPERSICON ESCULENTUM (TOMATO), AND SOLANUM TUBEROSUM (POTATO).//P27083
 F-NT2RP2000816//HYPOTHETICAL 88.4 KD PROTEIN B0464.7 IN CHROMOSOME III.//3.3e-21:123:39//CAENORHABDITIS ELEGANS.//Q03565
 30 F-NT2RP2000819//TROPOMYOSIN 5, CYTOSKELETAL TYPE.//1.0:71:30//MUS MUSCULUS (MOUSE).//P21107
 F-NT2RP2000841//GUANINE NUCLEOTIDE RELEASING PROTEIN (GNRP).//0.0011:133:26//MUS MUSCULUS (MOUSE).//P27671
 35 F-NT2RP2000842//LYSOPHOSPHATIDIC ACID RECEPTOR (EDG-2).//6.4e-13:22:95//HOMO SAPIENS (HUMAN).//Q92633
 F-NT2RP2000845//BOWMAN-BIRK TYPE PROTEINASE INHIBITOR (MSTI).//0.92:24:41//MEDICAGO SCUTELLATA (SNAIL MEDIC).//P80321
 F-NT2RP2000863//N-MYC PROTO-ONCOGENE PROTEIN.//0.010:148:27//XENOPUS LAEVIS (AFRICAN CLAWED FROG).//P24793
 40 F-NT2RP2000880//PROBABLE TRANSLATION INITIATION FACTOR IF-2.//4.0e-100:199:94//HOMO SAPIENS (HUMAN).//O60841
 F-NT2RP2000892//PROCOLLAGEN ALPHA 1(II) CHAIN PRECURSOR [CONTAINS: CHONDROCALCIN].//0.43:45:44//MUS MUSCULUS (MOUSE).//P28481
 45 F-NT2RP2000931//MATRIN 3.//2.8e-46:104:92//RATTUS NORVEGICUS (RAT).//P43244
 F-NT2RP2000932//2-5A-DEPENDENT RIBONUCLEASE (EC 3.1.26.-) (2-5A-DEPENDENT RNAASE) (RNASE L) (RIBONUCLEASE 4) (FRAGMENT).//3.9e-07:113:31//MUS MUSCULUS (MOUSE).//Q05921
 F-NT2RP2000938//VOLTAGE-GATED POTASSIUM CHANNEL PROTEIN KV3.3 (KSHIID).//0.026:59:45//RATTUS NORVEGICUS (RAT).//Q01956
 50 F-NT2RP2000943//HYPOTHETICAL PROTEIN KIAA0079 (HA3543).//5.9e-18:161:42//HOMO SAPIENS (HUMAN).//P53992
 F-NT2RP2000965//INNER CENTROMERE PROTEIN (INCENP).//0.062:156:25//GALLUS GALLUS (CHICKEN).//P53352
 F-NT2RP2000970//EC PROTEIN HOMOLOG.//1.0:50:30//ARABIDOPSIS THALIANA (MOUSE-EAR CRESS).//P93746
 55 F-NT2RP2000985//HYPOTHETICAL 96.8 KD PROTEIN IN SIS2-MTD1 INTERGENIC REGION.//2.5e-06:53:47//SACCHAROMYCES CEREVISIAE (BAKER'S YEAST).//P36159
 F-NT2RP2000987//INSECT TOXIN 4 (INSECT TOXIN AAH IT4).//1.0:32:34//ANDROCTONUS AUSTRALIS HEC-

TOR (SAHARA SCORPION) //P21150
 F-NT2RP2001036//!!!! ALU SUBFAMILY SP WARNING ENTRY !!!!!/1.2e-33:65:81//HOMO SAPIENS (HUMAN) //P39193
 F-NT2RP2001044//HIRUSTASIN //0.97:15:66//HIRUDO MEDICINALIS (MEDICINAL LEECH) //P80302
 5 F-NT2RP2001056//!!!! ALU SUBFAMILY SQ WARNING ENTRY !!!!!/1.0e-24:85:65//HOMO SAPIENS (HUMAN) //P39194
 F-NT2RP2001065//BOWMAN-BIRK TYPE SEED TRYPSIN AND CHYMOTRYPSIN INHIBITOR (BTCI) //0.41:50:32//VIGNA UNGUICULATA (COWPEA) //P17734
 F-NT2RP2001070//PROBABLE PYRIDOXAMINE 5'-PHOSPHATE OXIDASE (EC 1.4.3.5) (PNP/PMP OXIDASE) (FPRA PROTEIN) //6.2e-18:64:48//MYXOCOCCUS XANTHUS //P21159
 10 F-NT2RP2001081//SYNAPTOTAGMIN IV //7.8e-16:94:46//RATTUS NORVEGICUS (RAT) //P50232
 F-NT2RP2001094//METALLOTHIONEIN-I (MT-I) //1.0:24:33//RATTUS NORVEGICUS (RAT) //P02803
 F-NT2RP2001119//!!!! ALU SUBFAMILY SX WARNING ENTRY !!!!!/7.5e-11:61:63//HOMO SAPIENS (HUMAN) //P39195
 15 F-NT2RP2001127//XE169 PROTEIN (SMCX PROTEIN) (FRAGMENTS) //1.0e-47:155:58//MUS MUSCULUS (MOUSE) //P41230
 F-NT2RP2001137//COLLAGEN ALPHA 1(XII) CHAIN (FRAGMENTS) //0.10:68:39//BOS TAURUS (BOVINE) //P25508
 F-NT2RP2001149//!!!! ALU SUBFAMILY J WARNING ENTRY !!!!!/1.1e-13:81:59//HOMO SAPIENS (HUMAN) //P39188
 20 F-NT2RP2001168//PROTEIN KINASE C SUBSTRATE 80 KD PROTEIN (FRAGMENTS) //0.0071:77:33//RATTUS NORVEGICUS (RAT) //P20468
 F-NT2RP2001173//CYTOSKELETON-ASSOCIATED PROTEIN CKAPI (TUBULIN FOLDING COFACTOR B) //1.0:36:41//HOMO SAPIENS (HUMAN) //Q99426
 25 F-NT2RP2001174//ZINC FINGER PROTEIN 137 //7.2e-11:65:43//HOMO SAPIENS (HUMAN) //P52743
 F-NT2RP2001196//NADH-UBIQUINONE OXIDOREDUCTASE CHAIN 2 (EC 1.6.5.3) //1.0:95:26//CAPRA HIRCUS (GOAT) //Q36346
 F-NT2RP2001218//HYPOTHETICAL 59.2 KD PROTEIN IN MOB1-SGA1 INTERGENIC REGION //0.00024:80:23//SACCHAROMYCES CEREVISIAE (BAKER'S YEAST) //P40486
 30 F-NT2RP2001226//RABPHILIN-3A (FRAGMENT) //4.6e-05:121:39//MUS MUSCULUS (MOUSE) //P47708
 F-NT2RP2001233//ZINC FINGER PROTEIN ZFP-36 (FRAGMENT) //3.2e-61:153:56//HOMO SAPIENS (HUMAN) //P16415
 F-NT2RP2001245//SYNAPTONEMAL COMPLEX PROTEIN 1 (SCP-1 PROTEIN) //4.9e-05:230:21//HOMO SAPIENS (HUMAN) //Q15431
 35 F-NT2RP2001268//HOMEBOX PROTEIN CEH-32 //0.23:159:25//CAENORHABDITIS ELEGANS //Q23175
 F-NT2RP2001277
 F-NT2RP2001290//BETA-SOLUBLE NSF ATTACHMENT PROTEIN (SNAP-BETA) (SNAP-ALPHA HOMOLOG) (BRAIN PROTEIN 147) (FRAGMENT) //1.0e-86:131:97//MUS MUSCULUS (MOUSE) //P28663
 F-NT2RP2001295
 40 F-NT2RP2001312//N-ACETYLGLUCOSAMINE-6-SULFATASE PRECURSOR (EC 3.1.6.14) (G6S) (GLUCOSAMINE-6-SULFATASE) //0.64:80:33//CAPRA HIRCUS (GOAT) //P50426
 F-NT2RP2001327//TUMOR NECROSIS FACTOR, ALPHA-INDUCED PROTEIN 1, ENDOTHELIAL (B12 PROTEIN) //1.0e-36:118:65//HOMO SAPIENS (HUMAN) //Q13829
 F-NT2RP2001328//PROBABLE E5 PROTEIN //1.0:46:41//HUMAN PAPILLOMAVIRUS TYPE 33 //P06426
 45 F-NT2RP2001347//!!!! ALU SUBFAMILY SP WARNING ENTRY !!!!!/4.5e-19:66:62//HOMO SAPIENS (HUMAN) //P39193
 F-NT2RP2001366//SPERM-SPECIFIC PROTEIN PHI-1 //0.66:55:32//MYTILUS EDULIS (BLUE MUSSEL) //Q04621
 F-NT2RP2001378//VOLTAGE-GATED POTASSIUM CHANNEL PROTEIN KV3.3 (KSHIID) (FRAGMENT) //0.060:78:33//HOMO SAPIENS (HUMAN) //Q14003
 50 F-NT2RP2001381//26S PROTEASE REGULATORY SUBUNIT 8 (SUG1 HOMOLOG) (XSUG1) //1.0:167:26//XENOPUS LAEVIS (AFRICAN CLAWED FROG) //P46470
 F-NT2RP2001392//KERATIN, HIGH-SULFUR MATRIX PROTEIN, IIIA3 //0.0080:82:32//OVIS ARIES (SHEEP) //P02441
 55 F-NT2RP2001394//POLYHOMEOTIC-PROXIMAL CHROMATIN PROTEIN //0.024:39:53//DROSOPHILA MELANOGASTER (FRUIT FLY) //P39769
 F-NT2RP2001397//G2/MITOTIC-SPECIFIC CYCLIN B2 //1.4e-46:125:78//MESOCRICETUS AURATUS (GOLDEN HAMSTER) //P37883

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F-NT2RP2001420//SALIVARY PROLINE-RICH PROTEIN PRECURSOR (CLONES CP3, CP4 AND CP5) [CONTAINS: BASIC PEPTIDE IB-6; PEPTIDE P-H]//0.00018:113:38//HOMO SAPIENS (HUMAN)//P04280
F-NT2RP2001423//HYPOTHETICAL 9.4 KD PROTEIN IN GP31-CD INTERGENIC REGION (ORF A)//0.90:23:43//BACTERIOPHAGE T4//P17307
5 F-NT2RP2001427//!!!! ALU SUBFAMILY J WARNING ENTRY !!!!!/2.2e-11:38:68//HOMO SAPIENS (HUMAN)//P39188
F-NT2RP2001436//DYNEIN LIGHT INTERMEDIATE CHAIN 2, CYTOSOLIC (LIC53/55) (LIC-2)//0.25:124:28//RATTUS NORVEGICUS (RAT)//Q62698
F-NT2RP2001440//14-3-3 PROTEIN GAMMA (PROTEIN KINASE C INHIBITOR PROTEIN-1) (KCIP-1)//4.8e-62:145:90//RATTUS NORVEGICUS (RAT)//P35214
10 F-NT2RP2001445
F-NT2RP2001449//CLEAVAGE AND POLYADENYLATION SPECIFICITY FACTOR, 100 KD SUBUNIT (CPSF 100 KD SUBUNIT)//9.5e-118:226:95//BOS TAURUS (BOVINE)//Q10568
F-NT2RP2001450
15 F-NT2RP2001467//SHORT NEUROTOXIN 1 (TOXIN V-II-1)//1.0:25:40//BUNGARUS FASCIATUS (BANDED KRAIT)//P10808
F-NT2RP2001506
F-NT2RP2001511//HYPOTHETICAL 115.4 KD PROTEIN ZK757.3 IN CHROMOSOME III//0.49:124:29//CAENORHABDITIS ELEGANS//P34681
20 F-NT2RP2001520//VITAMIN D-DEPENDENT CALCIUM-BINDING PROTEIN, INTESTINAL (CABP) (CALBINDIN D9K)//0.035:71:33//HOMO SAPIENS (HUMAN)//P29377
F-NT2RP2001526
F-NT2RP2001536//METALLOTHIONEIN-I (MT-1)//1.0:19:42//COLUMBA LIVIA (DOMESTIC PIGEON)//P15786
F-NT2RP2001560//CUTICLE COLLAGEN 12 PRECURSOR//0.0018:144:35//CAENORHABDITIS ELEGANS//P20630
25 F-NT2RP2001569//!!!! ALU SUBFAMILY SQ WARNING ENTRY !!!!!/2.7e-31:102:67//HOMO SAPIENS (HUMAN)//P39194
F-NT2RP2001576//SMP3 PROTEIN//0.00016:75:36//SACCHAROMYCES CEREVISIAE (BAKER'S YEAST)//Q04174
30 F-NT2RP2001581//TRANSMEMBRANE PROTEIN SEX PRECURSOR//0.040:46:36//HOMO SAPIENS (HUMAN)//P51805
F-NT2RP2001597//PROBABLE E4 PROTEIN//0.00042:113:34//HUMAN PAPILLOMAVIRUS TYPE 5//P06924
F-NT2RP2001601
F-NT2RP2001613//HOMEBOX PROTEIN SAX-1 (CHOX-3) (FRAGMENT)//0.14:59:32//GALLUS GALLUS (CHICKEN)//P19601
35 F-NT2RP2001628//A-AGGLUTININ ATTACHMENT SUBUNIT PRECURSOR//0.056:140:33//SACCHAROMYCES CEREVISIAE (BAKER'S YEAST)//P32323
F-NT2RP2001634//ALPHA-CATENIN//7.1e-12:152:35//DROSOPHILA MELANOGASTER (FRUIT FLY)//P35220
40 F-NT2RP2001660//HYPOTHETICAL 80.4 KD PROTEIN IN SMC3-MRPL8 INTERGENIC REGION//0.43:119:26//SACCHAROMYCES CEREVISIAE (BAKER'S YEAST)//P40358
F-NT2RP2001663//ALPHA ENOLASE (EC 4.2.1.11) (2-PHOSPHO-D-GLYCERATE HYDRO-LYASE) (NON-NEURAL ENOLASE) (NNE) (PHOSPHOPYRUVATE HYDRATASE)//1.2e-26:126:56//HOMO SAPIENS (HUMAN)//P06733
45 F-NT2RP2001675//HYPOTHETICAL 107.7 KD PROTEIN IN RPSO 5'REGION (ORF1)//0.25:148:25//CAMPYLOBACTER JEJUNI//Q46089
F-NT2RP2001677//ACIDIC PROLINE-RICH PROTEIN PRECURSOR (CLONE PRP25) (FRAGMENT)//0.010:101:31//RATTUS NORVEGICUS (RAT)//P10164
50 F-NT2RP2001678//!!!! ALU SUBFAMILY J WARNING ENTRY !!!!!/2.6e-18:83:61//HOMO SAPIENS (HUMAN)//P39188
F-NT2RP2001699//PROTEIN C14//0.98:51:31//VACCINIA VIRUS (STRAIN COPENHAGEN)//P21045
F-NT2RP2001720//MEROZOITE SURFACE ANTIGEN 2 PRECURSOR (MSA-2) (ALLELIC FORM 1)//0.16:145:30//PLASMODIUM FALCIPARUM (ISOLATE CAMP / MALAYSIA)//Q99317
55 F-NT2RP2001721//MALE-SPECIFIC LETHAL-2 PROTEIN//0.00090:48:39//DROSOPHILA MELANOGASTER (FRUIT FLY)//P50534
F-NT2RP2001740//ANNEXIN VII (SYNEXIN) (FRAGMENT)//0.50:43:25//BOS TAURUS (BOVINE)//P20072
F-NT2RP2001748//SALIVARY PROLINE-RICH PROTEIN PO (ALLELE K) [CONTAINS: PEPTIDE P-D] (FRAG-

MENT).//0.77:111:28//HOMO SAPIENS (HUMAN)//P10162
 F-NT2RP2001762
 F-NT2RP2001813//PHOTOSYSTEM I REACTION CENTRE SUBUNIT VIII (PSI-I)//1.0:22:40//PICEA ABIES
 (NORWAY SPRUCE) (PICEA EXCELSA)//O47040
 5 F-NT2RP2001839//SCY1 PROTEIN//6.8e-17:204:27//SACCHAROMYCES CEREVISIAE (BAKER'S YEAST)//
 P53009
 F-NT2RP2001861//D15KZ1 PROTEIN (FRAGMENT)//0.31:56:39//MUS MUSCULUS (MOUSE)//Q61466
 F-NT2RP2001869//CORNEODESMOSIN (S PROTEIN) (FRAGMENT)//0.97:78:30//SUS SCROFA (PIG)//
 Q19084
 10 F-NT2RP2001876//ALLOGRAFT INFLAMMATORY FACTOR-1 (AIF-1) (IONIZED CALCIUM BINDING ADAPTER
 MOLECULE 1)//3.5e-36:106:66//HOMO SAPIENS (HUMAN)//P55008
 F-NT2RP2001883//CATHEPSIN L (EC 3.4.22.15)//0.95:29:41//OVIS ARIES (SHEEP)//Q10991
 F-NT2RP2001898//TYPE II INOSITOL-1,4,5-TRISPHOSPHATE 5-PHOSPHATASE PRECURSOR (EC 3.1.3.56)
 (5PTASE) (FRAGMENT)//1.6e-84:185:88//HOMO SAPIENS (HUMAN)//P32019
 15 F-NT2RP2001900//ACTIN-LIKE PROTEIN ARP5//1.1e-17:180:34//SACCHAROMYCES CEREVISIAE (BAK-
 ER'S YEAST)//P53946
 F-NT2RP2001907//HYPHAL WALL PROTEIN 1 (CELL ELONGATION PROTEIN 2)//0.13:108:27//CANDIDA AL-
 BICANS (YEAST)//P46593
 F-NT2RP2001926//HYPOTHETICAL 7.6 KD PROTEIN YCF33//0.55:57:26//CYANOPHORA PARADOXA//
 20 P48273
 F-NT2RP2001936
 F-NT2RP2001943//HYPOTHETICAL 57.7 KD PROTEIN IN AIP1-CTF13 INTERGENIC REGION//1.8e-13:208:
 22//SACCHAROMYCES CEREVISIAE (BAKER'S YEAST)//Q04305
 F-NT2RP2001946//HYPOTHETICAL 13.0 KD PROTEIN IN ALGR3.3'REGION//0.59:76:28//PSEUDOMONAS
 25 AERUGINOSA//P21485
 F-NT2RP2001947//ZINC FINGER PROTEIN DAN (N03)//0.53:68:29//RATTUS NORVEGICUS (RAT)//Q06880
 F-NT2RP2001969//CHLOROPLAST 30S RIBOSOMAL PROTEIN S18//0.0015:52:34//CHLORELLA VUL-
 GARIS//P56353
 F-NT2RP2001976//DILUTE MYOSIN HEAVY CHAIN, NON-MUSCLE (MYOSIN 5A)//9.5e-07:201:22//MUS MUS-
 30 CULUS (MOUSE)//Q99104
 F-NT2RP2001985//PROLINE-RICH PROTEIN MP-2 PRECURSOR//0.016:90:32//MUS MUSCULUS (MOUSE)//
 P05142
 F-NT2RP2001991//SODIUM- AND CHLORIDE-DEPENDENT TRANSPORTER NTT73//8.0e-14:47:76//RATTUS
 NORVEGICUS (RAT)//Q08469
 35 F-NT2RP2002025//NG-CAM RELATED CELL ADHESION MOLECULE PRECURSOR (NR-CAM) (BRAVO)//
 2.9e-30:211:42//GALLUS GALLUS (CHICKEN)//P35331
 F-NT2RP2002032//FLOCCULANT-ACTIVE PROTEINS MO2.1 AND MO2.2//0.23:20:40//MORINGA OLEIFERA
 (HORSE RADISH TREE) (MORINGA PTERYGOSPERMA)//P24303
 F-NT2RP2002033//!!!! ALU SUBFAMILY SP WARNING ENTRY !!!!//0.88:27:62//HOMO SAPIENS (HUMAN)//
 40 P39193
 F-NT2RP2002041
 F-NT2RP2002046//MATING PROCESS PROTEIN MID2 (SERINE-RICH PROTEIN SMS1) (PROTEIN KINASE
 A INTERFERENCE PROTEIN)//1.0:85:31//SACCHAROMYCES CEREVISIAE (BAKER'S YEAST)//P36027
 F-NT2RP2002047
 45 F-NT2RP2002058//DOM34 INTERACTING PROTEIN 2//9.4e-25:165:34//SACCHAROMYCES CEREVISIAE
 (BAKER'S YEAST)//Q12220
 F-NT2RP2002066//TIGHT JUNCTION PROTEIN ZO-1 (TIGHT JUNCTION PROTEIN 1)//5.7e-12:108:41//HOMO
 SAPIENS (HUMAN)//Q07157
 F-NT2RP2002070//CYTOCHROME C OXIDASE POLYPEPTIDE II (EC 1.9.3.1) (FRAGMENT)//0.88:28:50//AS-
 50 TERINA PECTINIFERA (STARFISH)//P11958
 F-NT2RP2002076//TRP-ASP REPEATS CONTAINING PROTEIN RBA-2//0.0031:124:27//CAENORHABDITIS
 ELEGANS//P90916
 F-NT2RP2002078//KERATIN, GLYCINE/TYROSINE-RICH OF HAIR//0.82:30:40//OVIS ARIES (SHEEP)//
 Q02958
 55 F-NT2RP2002079//OUTER DENSE FIBER PROTEIN//0.34:41:39//HOMO SAPIENS (HUMAN)//Q14990
 F-NT2RP2002099//HETEROGENOUS NUCLEAR RIBONUCLEOPROTEIN U (HNRNP U)//5.2e-08:81:48//HO-
 MO SAPIENS (HUMAN)//Q00839
 F-NT2RP2002105//COLLAGEN 1(X) CHAIN PRECURSOR//0.0012:100:34//BOS TAURUS (BOVINE)//P23206

F-NT2RP2002124//EARLY GROWTH RESPONSE PROTEIN 1 (EGR-1) (KROX24) (TRANSCRIPTION FACTOR ETR103) (ZINC FINGER PROTEIN 225) (AT225)//0.74:72:31//HOMO SAPIENS (HUMAN)//P18146
F-NT2RP2002137//NEUROTOXIN B-II//1.0:27:44//CEREBRATULUS LACTEUS (MILKY RIBBON WORM)//P01526
5 F-NT2RP2002154//GALECTIN-3 (GALACTOSE-SPECIFIC LECTIN 3) (MAC-2 ANTIGEN) (IGE-BINDING PROTEIN) (35 KD LECTIN) (CARBOHYDRATE BINDING PROTEIN 35) (CBP 35) (LAMININ-BINDING PROTEIN) (LECTIN L-29) (L-34 GALACTOSIDE-BINDING LECTIN)//0.0029:112:34//MUS MUSCULUS (MOUSE)//P16110
F-NT2RP2002172
10 F-NT2RP2002185//UBIQUITIN-LIKE PROTEIN DSK2//1.8e-07:87:40//SACCHAROMYCES CEREVISIAE (BAKER'S YEAST)//P48510
F-NT2RP2002192
F-NT2RP2002193//CUTICLE COLLAGEN 40//0.0062:70:37//CAENORHABDITIS ELEGANS//P34804
F-NT2RP2002208//PEROXISOME ASSEMBLY PROTEIN PEX10 (PEROXIN-10)//0.00011:45:40//HOMO SAPIENS (HUMAN)//060683
15 F-NT2RP2002219
F-NT2RP2002231//V-TYPE SODIUM ATP SYNTHASE SUBUNIT E (EC 3.6.1.34) (NA(+)-TRANSLOCATING ATPASE SUBUNIT E)//1.0:68:32//ENTEROCOCCUS HIRAE//P43436
F-NT2RP2002235//INFECTED CELL PROTEIN ICP34.5 (NEUROVIRULENCE FACTOR ICP34.5)//0.0022:66:45//HERPES SIMPLEX VIRUS (TYPE 1 / STRAIN CVG-2)//P37318
20 F-NT2RP2002252//DNA-DIRECTED RNA POLYMERASE II LARGEST SUBUNIT (EC 2.7.7.6) (RPB1) (FRAGMENT)//0.071:110:31//CRICETULUS GRISEUS (CHINESE HAMSTER)//P11414
F-NT2RP2002256//CYTOCHROME P450 26 (EC 1.14.-.-) (RETINOIC ACID-METABOLIZING CYTOCHROME) (P450RAI) (RETINOIC ACID 4-HYDROXYLASE)//3.1e-31:75:84//MUS MUSCULUS (MOUSE)//O55127
F-NT2RP2002259//L-MYC-1 PROTO-ONCOGENE PROTEIN//1.9e-17:41:90//HOMO SAPIENS (HUMAN)//P12524
25 F-NT2RP2002270//HYPOTHETICAL 26.0 KD PROTEIN IN CYB5-LEU4 INTERGENIC REGION//2.1e-27:164:36//SACCHAROMYCES CEREVISIAE (BAKER'S YEAST)//P53930
F-NT2RP2002292//IMMEDIATE-EARLY PROTEIN RSP40//0.018:107:23//PSEUDORABIES VIRUS (STRAIN KAPLAN) (PRV)//P24827
30 F-NT2RP2002312//PHOSPHATIDATE CYTIDYLYLTRANSFERASE (EC 2.7.7.41) (CDP-DIGLYCERIDE SYNTHETASE) (CDP-DIGLYCERIDE PYROPHOSPHORYLASE) (CDP-DIACYLGLYCEROL SYNTHASE) (CDS) (CTP:PHOSPHATIDATE CYTIDYLYLTRANSFERASE) (CDP-DAG SYNTHASE)//1.4e-52:174:55//HOMO SAPIENS (HUMAN)//Q92903
F-NT2RP2002316//HISTONE H1.C6/H1.C9//1.0:40:40//TRYPANOSOMA CRUZI//P40269
35 F-NT2RP2002325//PEROXISOMAL MEMBRANE PROTEIN PMP30A (PMP31) (PEROXIN 11A)//2.2e-06:145:26//CANDIDA BOIDINII (YEAST)//Q00316
F-NT2RP2002333//HYPOTHETICAL 39.1 KD PROTEIN IN RNPB-SOHA INTERGENIC REGION (ORF 3)//0.30:86:32//ESCHERICHIA COLI//P23524
F-NT2RP2002373//SYNAPSINS IA AND IB//0.080:145:31//BOS TAURUS (BOVINE)//P17599
40 F-NT2RP2002385//ENV POLYPROTEIN PRECURSOR (COAT POLYPROTEIN) [CONTAINS: KNOB PROTEIN GP70; SPIKE PROTEIN P15E; R PROTEIN]//0.021:66:28//MINK CELL FOCUS-FORMING MURINE LEUKEMIA VIRUS (ISOLATE CI-3)//P03388
F-NT2RP2002394
F-NT2RP2002408//COLLAGEN ALPHA 1(I) CHAIN (FRAGMENTS)//0.00030:107:37//BOS TAURUS (BOVINE)//P02453
45 F-NT2RP2002426
F-NT2RP2002439//CIRCUMSPOROZOITE PROTEIN PRECURSOR (CS)//0.00032:79:32//PLASMODIUM BERGHEI (STRAIN ANKA)//P23093
F-NT2RP2002442//HESA PROTEIN//6.0e-16:163:30//PLECTONEMA BORYANUM//P46037
50 F-NT2RP2002457
F-NT2RP2002464//HYPOTHETICAL 60.7 KD PROTEIN C56F8.17C IN CHROMOSOME I//9.3e-18:165:32//SCHIZOSACCHAROMYCES POMBE (FISSION YEAST)//Q10264
F-NT2RP2002475//CYSTEINE-RICH HEART PROTEIN (HCRHP)//0.91:45:35//HOMO SAPIENS (HUMAN)//P50238
55 F-NT2RP2002479//ATP-BINDING CASSETTE TRANSPORTER 7 PRECURSOR (ABC TRANSPORTER 7 PROTEIN)//6.8e-96:186:94//HOMO SAPIENS (HUMAN)//O75027
F-NT2RP2002498//HYPOTHETICAL MERCURIC RESISTANCE PROTEIN MERC//0.65:37:45//PSEUDOMONAS AERUGINOSA//P04139

EP 1 074 617 A2

F-NT2RP2002503//ZINC FINGER PROTEIN 45 (BRC1744)//1.3e-31:124:59//HOMO SAPIENS (HUMAN)//Q02386

F-NT2RP2002504//NUCLEAR PORE COMPLEX PROTEIN NUP155 (NUCLEOPORIN NUP155) (155 KD NUCLEOPORIN) (P140)//1.2e-123:240:92//RATTUS NORVEGICUS (RAT)//P37199

5 F-NT2RP2002520//ACIDIC PROLINE-RICH PROTEIN HP43A PRECURSOR//0.94:83:28//MESOCRICETUS AURATUS (GOLDEN HAMSTER)//P06680

F-NT2RP2002537//HYPOTHETICAL 55.1 KD PROTEIN B0416.5 IN CHROMOSOME X//4.0e-10:194:23//CAENORHABDITIS ELEGANS//Q11073

F-NT2RP2002546

10 F-NT2RP2002549//G2/MITOTIC-SPECIFIC CYCLIN C13-1 (A-LIKE CYCLIN) (FRAGMENT)//0.98:65:30//DAUCUS CAROTA (CARROT)//P25010

F-NT2RP2002591//ZINC FINGER PROTEIN 84 (ZINC FINGER PROTEIN HPF2)//2.6e-19:60:61//HOMO SAPIENS (HUMAN)//P51523

F-NT2RP2002595//ANNEXIN VII (SYNEXIN)//1.2e-15:121:49//XENOPUS LAEVIS (AFRICAN CLAWED FROG)//Q92125

15 F-NT2RP2002606//PROTEIN TRANSPORT PROTEIN SEC2//0.00034:98:31//SACCHAROMYCES CEREVISIAE (BAKER'S YEAST)//P17065

F-NT2RP2002609//HYPOTHETICAL 52.0 KD PROTEIN IN CLB6-SPT6 INTERGENIC REGION//0.00022:79:39//SACCHAROMYCES CEREVISIAE (BAKER'S YEAST)//P53264

20 F-NT2RP2002618//PROTEIN ARGININE N-METHYLTRANSFERASE 1 (EC 2.1.1.-)//6.2e-37:180:44//RATTUS NORVEGICUS (RAT)//Q63009

F-NT2RP2002621//NADH-UBIQUINONE OXIDOREDUCTASE CHAIN 5 (EC 1.6.5.3) (FRAGMENT)//0.98:37:35//LEMUR CATTAL (RING-TAILED LEMUR)//Q34879

F-NT2RP2002643//INFECTED CELL PROTEIN ICP34.5 (NEUROVIRULENCE FACTOR ICP34.5)//0.042:77:32//HERPES SIMPLEX VIRUS (TYPE 1 / STRAIN MGH-10)//P37319

25 F-NT2RP2002672//PROTEIN Q300//0.0018:41:43//MUS MUSCULUS (MOUSE)//Q02722

F-NT2RP2002701//HYPOTHETICAL 72.5 KD PROTEIN C2F7.10 IN CHROMOSOME I//3.6e-17:100:42//SCHIZOSACCHAROMYCES POMBE (FISSION YEAST)//Q09701

F-NT2RP2002706//IMMEDIATE-EARLY PROTEIN IE180//0.00027:139:33//PSEUDORABIES VIRUS (STRAIN KAPLAN) (PRV)//P33479

30 F-NT2RP2002710//SH3-BINDING PROTEIN 3BP-1//6.9e-09:96:40//MUS MUSCULUS (MOUSE)//P55194

F-NT2RP2002727//TUBERIN (TUBEROUS SCLEROSIS 2 HOMOLOG PROTEIN)//3.6e-20:160:36//RATTUS NORVEGICUS (RAT)//P49816

F-NT2RP2002736

35 F-NT2RP2002740

F-NT2RP2002741//RHO1 GDP-GTP EXCHANGE PROTEIN 2//2.0e-07:178:28//SACCHAROMYCES CEREVISIAE (BAKER'S YEAST)//P51862

F-NT2RP2002750//!!!! ALU SUBFAMILY SB2 WARNING ENTRY!!!!//1.6e-09:43:72//HOMO SAPIENS (HUMAN)//P39191

40 F-NT2RP2002752//LOW CALCIUM RESPONSE LOCUS PROTEIN T//0.95:33:39//YERSINIA PSEUDOTUBERCULOSIS//Q00932

F-NT2RP2002753//ENDOGLUCANASE EG-1 PRECURSOR (EC 3.2.1.4) (ENDO-1,4-BETA-GLUCANASE) (CELLULASE)//0.71:78:33//TRICHODERMA LONGIBRACHIATUM//Q12714

F-NT2RP2002769//50 KD SPICULE MATRIX PROTEIN PRECURSOR//0.44:76:32//STRONGYLOCENTROTUS PURPURATUS (PURPLE SEA URCHIN)//P11994

45 F-NT2RP2002778

F-NT2RP2002800//CRAMBIN//0.99:20:50//CRAMBE ABYSSINICA (ABYSSINIAN CRAMBE)//P01542

F-NT2RP2002839//SALIVARY PROLINE-RICH PROTEIN PRECURSOR (CLONE CP7) [CONTAINS: BASIC PEPTIDE P-F] (FRAGMENT)//0.010:87:31//HOMO SAPIENS (HUMAN)//P02812

50 F-NT2RP2002857//ACIDIC PROLINE-RICH PROTEIN PRECURSOR (CLONE PRP33)//0.00018:57:45//RATTUS NORVEGICUS (RAT)//P04474

F-NT2RP2002862//HYPOTHETICAL 27.1 KD PROTEIN UFD4-CAP1 INTERGENIC REGION//7.2e-27:140:40//SACCHAROMYCES CEREVISIAE (BAKER'S YEAST)//P33201

F-NT2RP2002880//DNA REPAIR PROTEIN RAD32//0.83:67:28//SCHIZOSACCHAROMYCES POMBE (FISSION YEAST)//Q09683

55 F-NT2RP2002891//HOMEODOMAIN PROTEIN DLX-2 (DLX-5) (FRAGMENT)//0.99:70:24//RATTUS NORVEGICUS (RAT)//Q64204

F-NT2RP2002925//ALPHA-1D ADRENERGIC RECEPTOR (ALPHA 1D-ADRENOCEPTOR) (ALPHA-1A

ADRENERGIC RECEPTOR) //0.31:48:43//HOMO SAPIENS (HUMAN) //P25100
 F-NT2RP2002928//CELL DIVISION CONTROL PROTEIN 40 //2.8e-26:142:42//SACCHAROMYCES CEREVISIAE (BAKER'S YEAST) //P40968
 5 F-NT2RP2002929//HYPOTHETICAL 46.2 KD TRP-ASP REPEATS CONTAINING PROTEIN D2013.2 IN CHROMOSOME II //2.0e-31:186:35//CAENORHABDITIS ELEGANS //Q18964
 F-NT2RP2002939//ADENYLATE CYCLASE, TYPE V (EC 4.6.1.1) (ATP PYROPHOSPHATE-LYASE) (CA(2+)-INHIBITABLE ADENYL CYCLASE) //0.0022:98:39//CANIS FAMILIARIS (DOG) //P30803
 F-NT2RP2002954//U2 SMALL NUCLEAR RIBONUCLEOPROTEIN A' (U2 SNRNP-A') //0.0019:107:30//ARABIDOPSIS THALIANA (MOUSE-EAR CRESS) //P43333
 10 F-NT2RP2002959//UBIQUITIN-CONJUGATING ENZYME E2-17 KD 2 (EC 6.3.2.19) (UBIQUITIN- PROTEIN LIGASE) (UBIQUITIN CARRIER PROTEIN) (E2(17)KB 2) //2.8e-11:33:81//HOMO SAPIENS (HUMAN), MUS MUSCULUS (MOUSE), RATTUS NORVEGICUS (RAT), AND XENOPUS LAEVIS (AFRICAN CLAWED FROG) //P51669
 F-NT2RP2002979
 15 F-NT2RP2002980//30S RIBOSOMAL PROTEIN S10 //1.1e-09:98:36//MYCOPLASMA CAPRICOLUM //P10129
 F-NT2RP2002986//RING CANAL PROTEIN (KELCH PROTEIN) //1.1e-19:141:39//DROSOPHILA MELANOGASTER (FRUIT FLY) //Q04652
 F-NT2RP2002987//!!!! ALU SUBFAMILY SC WARNING ENTRY !!!!! //1.3e-07:78:47//HOMO SAPIENS (HUMAN) //P39192
 20 F-NT2RP2002993//DNA-DIRECTED RNA POLYMERASE I 135 KD POLYPEPTIDE (EC 2.7.7.6) (RNA POLYMERASE I SUBUNIT 2) (RPA135) (RNA POLYMERASE I 127 KD SUBUNIT) //8.0e-77:165:85//RATTUS NORVEGICUS (RAT) //O54888
 F-NT2RP2003000//!!!! ALU SUBFAMILY SQ WARNING ENTRY !!!!! //2.8e-19:62:64//HOMO SAPIENS (HUMAN) //P39194
 25 F-NT2RP2003034//HYPOTHETICAL PROTEIN HI1458 //1.0:42:35//HAEMOPHILUS INFLUENZAE //P44204
 F-NT2RP2003073//!!!! ALU SUBFAMILY SB WARNING ENTRY !!!!! //0.0051:16:87//HOMO SAPIENS (HUMAN) //P39189
 F-NT2RP2003099
 F-NT2RP2003108//BASIC PROLINE-RICH PEPTIDE IB-1 //0.84:47:34//HOMO SAPIENS (HUMAN) //P04281
 30 F-NT2RP2003117
 F-NT2RP2003121//HYPOTHETICAL 96.7 KD PROTEIN IN STE2-FRS2 INTERGENIC REGION //9.0e-08:99:29//SACCHAROMYCES CEREVISIAE (BAKER'S YEAST) //P43572
 F-NT2RP2003125//TRANSCRIPTION REGULATOR PROTEIN BACH2 (BTB AND CNC HOMOLOG 2) //9.2e-08:134:28//MUS MUSCULUS (MOUSE) //P97303
 35 F-NT2RP2003129
 F-NT2RP2003137//UBIQUITIN //3.4e-06:70:30//NEUROSPORA CRASSA //P13117
 F-NT2RP2003157//HYPOTHETICAL 37.0 KD PROTEIN B0495.8 IN CHROMOSOME II //7.8e-13:84:40//CAENORHABDITIS ELEGANS //Q09217
 F-NT2RP2003158//26S PROTEASOME REGULATORY SUBUNIT S3 (PROTEASOME SUBUNIT P58) //3.1e-65:155:84//HOMO SAPIENS (HUMAN) //O43242
 40 F-NT2RP2003161//PROLINE-RICH PROTEIN MP-2 PRECURSOR //0.0011:59:42//MUS MUSCULUS (MOUSE) //P05142
 F-NT2RP2003164//ZYXIN //0.0037:85:36//MUS MUSCULUS (MOUSE) //Q62523
 F-NT2RP2003165//!!!! ALU SUBFAMILY SQ WARNING ENTRY !!!!! //1.2e-24:77:64//HOMO SAPIENS (HUMAN) //P39194
 45 F-NT2RP2003177//MALE SPECIFIC SPERM PROTEIN MST84DB //0.55:38:39//DROSOPHILA MELANOGASTER (FRUIT FLY) //Q01643
 F-NT2RP2003194//HYPOTHETICAL 12.5 KD PROTEIN ZK637.2 IN CHROMOSOME III //2.3e-14:87:37//CAENORHABDITIS ELEGANS //P30629
 50 F-NT2RP2003206//NADH-UBIQUINONE OXIDOREDUCTASE CHAIN 3 (EC 1.6.5.3) //1.0:100:28//DIDELPHIS MARSUPIALIS VIRGINIANA (NORTH AMERICAN OPOSSUM) //P41306
 F-NT2RP2003228//DNA REPLICATION LICENSING FACTOR MCM4 (CDC21 HOMOLOG) (P1-CDC21) //9.3e-82:211:81//HOMO SAPIENS (HUMAN) //P33991
 F-NT2RP2003230//SEC14 CYTOSOLIC FACTOR (PHOSPHATIDYLINOSITOL/PHOSPHATIDYLCHOLINE TRANSFER PROTEIN) (PI/PC TP) //1.0:51:31//CANDIDA GLABRATA (YEAST) (TORULOPSIS GLABRATA) //P53989
 55 F-NT2RP2003237//!!!! ALU SUBFAMILY SQ WARNING ENTRY !!!!! //5.1e-44:66:84//HOMO SAPIENS (HUMAN) //P39194

F-NT2RP2003243//M PROTEIN, SEROTYPE 5 PRECURSOR//0.027:204:23//STREPTOCOCCUS PYO-
 GENES//P02977
 F-NT2RP2003265//BP4A PROTEIN//0.95:35:34//BRASSICA NAPUS (RAPE)//P41505
 5 F-NT2RP2003272//ANTER-SPECIFIC PROLINE-RICH PROTEIN APG (PROTEIN CEX) (FRAGMENT)//5.5e-
 06:78:35//BRASSICA NAPUS (RAPE)//P40603
 F-NT2RP2003277//NAM7 PROTEIN (NONSENSE-MEDIATED MRNA DECAY PROTEIN 1) (UP-FRAMESHIFT
 SUPPRESSOR 1)//1.9e-19:145:43//SACCHAROMYCES CEREVISIAE (BAKER'S YEAST)//P30771
 F-NT2RP2003280
 10 F-NT2RP2003286//RNA 3'-TERMINAL PHOSPHATE CYCLASE (EC 6.5.1.4) (RNA-3'-PHOSPHATE CYCLASE)
 (RNA CYCLASE)//2.1e-32:137:42//SACCHAROMYCES CEREVISIAE (BAKER'S YEAST)//Q08096
 F-NT2RP2003293//ZINC FINGER PROTEIN 83 (ZINC FINGER PROTEIN HPF1)//7.7e-12:175:33//HOMO SA-
 PIENS (HUMAN)//P51522
 F-NT2RP2003295//PTB-ASSOCIATED SPLICING FACTOR (PSF)//0.055:44:45//HOMO SAPIENS (HUMAN)//
 P23246
 15 F-NT2RP2003297
 F-NT2RP2003307//KINESIN LIGHT CHAIN (KLC)//2.0e-18:87:49//RATTUS NORVEGICUS (RAT)//P37285
 F-NT2RP2003308//CROOKED NECK PROTEIN//2.1e-91:244:67//DROSOPHILA MELANOGASTER (FRUIT
 FLY)//P17886
 20 F-NT2RP2003329//HYPOTHETICAL 54.9 KD PROTEIN C02F5.7 IN CHROMOSOME III//5.8e-57:186:55//
 CAENORHABDITIS ELEGANS//P34284
 F-NT2RP2003339//SHORT NEUROTOXIN 1 (NEUROTOXIN ALPHA)//0.98:11:72//DENDROASPIS POLYLEPIS
 POLYLEPIS (BLACK MAMBA)//P01416
 F-NT2RP2003347//60S RIBOSOMAL PROTEIN L38//0.83:42:33//OSTERTAGIA OSTERTAGI//O61570
 F-NT2RP2003367//SYNERGISTIC-TYPE VENOM PROTEIN C9S3, CHAIN 1//1.0:37:35//DENDROASPIS AN-
 25 GUSTICEPS (EASTERN GREEN MAMBA)//P01408
 F-NT2RP2003391//MRNA TRANSPORT REGULATOR MTR10//3.3e-11:229:24//SACCHAROMYCES CEREVI-
 SIAE (BAKER'S YEAST)//Q99189
 F-NT2RP2003393//PROTOCHLOROPHYLLIDE REDUCTASE CHLB SUBUNIT (EC 1.3.1.33) (NADPH- PROTO-
 CHLOROPHYLLIDE OXIDOREDUCTASE CHLB SUBUNIT) (FRAGMENT)//0.94:29:34//ARAUCARIA HETERO-
 30 PHYLLA//P37843
 F-NT2RP2003394
 F-NT2RP2003401//60 KD CHAPERONIN (PROTEIN CPN60) (GROEL PROTEIN)//0.95:125:28//THERMUS
 AQUATICUS (SUBSP. THERMOPHILUS)//P45746
 F-NT2RP2003433//PROTEIN TRANSPORT PROTEIN SEC61 ALPHA SUBUNIT//9.8e-78:178:84//RATTUS
 35 NORVEGICUS (RAT)//P38378
 F-NT2RP2003445
 F-NT2RP2003446//HYPOTHETICAL PROTEIN E-115//0.00030:106:33//HUMAN ADENOVIRUS TYPE 2//
 P03290
 F-NT2RP2003456//PHOTOSYSTEM II REACTION CENTRE M PROTEIN//1.0:27:51//MARCHANTIA POLY-
 40 MORPHA (LIVERWORT)//P12168
 F-NT2RP2003466//LINOLEOYL-COA DESATURASE (EC 1.14.99.25) (DELTA(6)-DESATURASE)//6.7e-06:108:
 32//SYNECHOCYSTIS SP. (STRAIN PCC 6803)//Q08871
 F-NT2RP2003480//TRANSCRIPTION FACTOR BF-2 (BRAIN FACTOR 2) (BF2) (CBF-2) (T-14-6)//7.2e-15:38:
 50//GALLUS GALLUS (CHICKEN)//Q98937
 45 F-NT2RP2003499//5E5 ANTIGEN//0.090:114:32//RATTUS NORVEGICUS (RAT)//Q63003
 F-NT2RP2003506//NADPH-CYTOCHROME P450 REDUCTASE (EC 1.6.2.4) (CPR)//2.0e-11:91:43//SUS
 SCROFA (PIG)//P04175
 F-NT2RP2003511//PARAMYOSIN, SHORT FORM (MIMIPARAMYOSIN)//0.0020:108:25//DROSOPHILA MELA-
 NOGASTER (FRUIT FLY)//P35416
 50 F-NT2RP2003513//PTB-ASSOCIATED SPLICING FACTOR (PSF)//1.2e-05:96:36//HOMO SAPIENS (HU-
 MAN)//P23246
 F-NT2RP2003517//HYPOTHETICAL 12.9 KD PROTEIN CY49.27//0.0059:22:31//MYCOBACTERIUM TUBER-
 CULOSIS//Q10696
 F-NT2RP2003522//HYPOTHETICAL 10.0 KD PROTEIN//1.0:65:30//THERMOPROTEUS TENAX VIRUS 1
 55 (STRAIN KRA1) (TTV1)//P19283
 F-NT2RP2003533//LINE-1 REVERSE TRANSCRIPTASE HOMOLOG//8.7e-18:94:54//HOMO SAPIENS (HU-
 MAN)//P08547
 F-NT2RP2003543//SYNAPSINS IA AND IB//0.045:101:35//RATTUS NORVEGICUS (RAT)//P09951

- F-NT2RP2003559//ITBA2 PROTEIN (DXS9879E)//0.98:37:37//HOMO SAPIENS (HUMAN)//Q14657
 F-NT2RP2003564//52 KD RO PROTEIN (SJOGREN SYNDROME TYPE A ANTIGEN (SS-A)) (RO(SS-A))//6.4e-35:175:44//HOMO SAPIENS (HUMAN)//P19474
 5 F-NT2RP2003567//HYPOTHETICAL 11.2 KD PROTEIN T18D3.7 IN CHROMOSOME X//0.72:82:34//CAENORHABDITIS ELEGANS//Q22544
 F-NT2RP2003581//HOMEBOX PROTEIN OTX1//0.90:61:37//MUS MUSCULUS (MOUSE)//P80205
 F-NT2RP2003596//ELONGATION FACTOR P (EF-P)//0.83:61:32//MYCOPLASMA GENITALIUM//P47272
 F-NT2RP2003604//ALPHA-CATENIN//1.5e-11:152:33//DROSOPHILA MELANOGASTER (FRUIT FLY)//P35220
 10 F-NT2RP2003629//PHOSPHOLIPASE A2 ALPHA (EC 3.1.1.4) (PHOSPHATIDYLCHOLINE 2-ACYLHYDROLASE)//0.97:85:27//CROTALUS ADAMANTEUS (EASTERN DIAMONDBACK RATTLESNAKE)//P00623
 F-NT2RP2003643//ACYLNEURAMINATE CYTIDYLYLTRANSFERASE (EC 2.7.7.43) (CMP-N- ACETYL-NEURAMINIC ACID SYNTHETASE) (CMP-NEUNAC SYNTHETASE) (CMP-SIALIC ACID SYNTHETASE)//3.9e-12:84:40//NEISSERIA MENINGITIDIS//Q57385
 15 F-NT2RP2003668//!!!! ALU-SUBFAMILY SX WARNING ENTRY !!!!!//5.0e-33:74:81//HOMO SAPIENS (HUMAN)//P39195
 F-NT2RP2003687//!!!! ALU SUBFAMILY J WARNING ENTRY !!!!!//5.7e-05:40:67//HOMO SAPIENS (HUMAN)//P39188
 F-NT2RP2003691//!!!! ALU SUBFAMILY SQ WARNING ENTRY !!!!!//2.5e-37:56:67//HOMO SAPIENS (HUMAN)//P39194
 20 F-NT2RP2003702//HYPOTHETICAL OXIDOREDUCTASE IN INLA 5'REGION (EC 1.-.-.-) (ORFA)//1.3e-07:98:37//LISTERIA MONOCYTOGENES//P25145
 F-NT2RP2003704//GAMMA-GLUTAMYLTRANSFERASE 5 PRECURSOR (EC 2.3.2.2) (GAMMA-GLUTAMYLTRANSFERASE 5) (GGT-REL)//0.66:23:52//HOMO SAPIENS (HUMAN)//P36269
 25 F-NT2RP2003706//GLUTAMYL AMINOPEPTIDASE (EC 3.4.11.7) (EAP) (AMINOPEPTIDASE A) (APA) (DIFFERENTIATION ANTIGEN GP160)//1.2e-22:187:35//HOMO SAPIENS (HUMAN)//Q07075
 F-NT2RP2003713//UBIQUITIN CARBOXYL-TERMINAL HYDROLASE 6 (EC 3.1.2.15) (UBIQUITIN THIOLESTERASE 6) (UBIQUITIN-SPECIFIC PROCESSING PROTEASE 6) (DEUBIQUITINATING ENZYME 6) (PROTO-ONCOGENE TRE-2)//2.7e-06:119:34//HOMO SAPIENS (HUMAN)//P35125
 30 F-NT2RP2003714//ZINC FINGER PROTEIN 91 (ZINC FINGER PROTEIN HTF10) (HPF7)//6.7e-27:68:75//HOMO SAPIENS (HUMAN)//Q05481
 F-NT2RP2003727//HYPOTHETICAL PROTEIN MG007 HOMOLOG//0.64:110:30//MYCOPLASMA PNEUMONIAE//P75105
 F-NT2RP2003737//UBIQUITIN-CONJUGATING ENZYME E2-17 KD 2 (EC 6.3.2.19) (UBIQUITIN- PROTEIN LIGASE) (UBIQUITIN CARRIER PROTEIN) (E2(17)KB 2)//1.2e-72:147:90//HOMO SAPIENS (HUMAN), MUS MUSCULUS (MOUSE), RATTUS NORVEGICUS (RAT), AND XENOPUS LAEVIS (AFRICAN CLAWED FROG)//P51669
 35 F-NT2RP2003751//EXTRACELLULAR GLOBIN PRECURSOR//0.67:68:30//PSEUDOTERRANOVA DECIPIENS (COD WORM)//P26914
 F-NT2RP2003760//COATOMER GAMMA SUBUNIT (GAMMA-COAT PROTEIN) (GAMMA-COP)//1.0e-98:235:82//BOS TAURUS (BOVINE)//P53620
 F-NT2RP2003764//HYPOTHETICAL 29.3 KD PROTEIN (ORF92)//0.011:69:34//ORGYIA PSEUDOTSUGATA MULTICAPSID POLYHEDROSIS VIRUS (OPMNPV)//O10341
 F-NT2RP2003769//ATP SYNTHASE PROTEIN 8 (EC 3.6.1.34) (A6L)//1.0:33:36//EQUUS CABALLUS (HORSE)//P48663
 45 F-NT2RP2003770//PHOSPHATE REGULON SENSOR PROTEIN PHOR (EC 2.7.3.-) (FRAGMENT)//0.029:35:42//PSEUDOMONAS AERUGINOSA//P23621
 F-NT2RP2003777//HYPOTHETICAL 82 KD AVIRULENCE PROTEIN IN AVRBS3 REGION//0.041:67:34//XANTHOMONAS CAMPESTRIS (PV. VESICATORIA)//P14728
 50 F-NT2RP2003781//HYPOTHETICAL 36.7 KD PROTEIN AH6.2 IN CHROMOSOME II//4.7e-54:204:47//CAENORHABDITIS ELEGANS//Q09201
 F-NT2RP2003793//PSEUDO-HEVEIN (MINOR HEVEIN)//0.61:30:36//HEVEA BRASILIENSIS (PARA RUBBER TREE)//P80359
 F-NT2RP2003825//ENDOTHELIN-1 PRECURSOR (ET-1) (FRAGMENT)//1.0:35:37//CANIS FAMILIARIS (DOG)//P13206
 55 F-NT2RP2003840//HYPOTHETICAL 48.1 KD PROTEIN B0403.2 IN CHROMOSOME X//2.5e-05:80:38//CAENORHABDITIS ELEGANS//Q11076
 F-NT2RP2003857//BACTERIOCIN MICROCIN B17 PRECURSOR (MCB17)//0.54:28:50//ESCHERICHIA CO-

LI//P05834
 F-NT2RP2003859//DROSOCIN PRECURSOR//1.0:37:35//DROSOPHILA MELANOGASTER (FRUIT FLY)//
 P36193
 F-NT2RP2003871
 5 F-NT2RP2003885//CUTICLE PROTEIN 32 (LM-32) (LM-ACP 32) (FRAGMENT)//1.0:28:50//LOCUSTA MIGRA-
 TORIA (MIGRATORY LOCUST)//P11736
 F-NT2RP2003912//SERINE/THREONINE-PROTEIN KINASE NEK1 (EC 2.7.1.-) (NIMA-RELATED PROTEIN KI-
 NASE 1)//4.8e-110:268:80//MUS MUSCULUS (MOUSE)//P51954
 10 F-NT2RP2003952//AMINOPEPTIDASE B (EC 3.4.11.6) (ARGINYL AMINOPEPTIDASE) (ARGININE AMI-
 NOPEPTIDASE) (CYTOSOL AMINOPEPTIDASE IV) (AP-B)//0.00024:92:31//RATTUS NORVEGICUS (RAT)//
 O09175
 F-NT2RP2003968//SKIN SECRETORY PROTEIN XP2 PRECURSOR (APEG PROTEIN)//9.2e-05:101:36//
 XENOPUS LAEVIS (AFRICAN CLAWED FROG)//P17437
 15 F-NT2RP2003976//!!!! ALU SUBFAMILY J WARNING ENTRY !!!!!//1.7e-21:62:62//HOMO SAPIENS (HUMAN)//
 P39188
 F-NT2RP2003981//VACUOLAR PROTEIN SORTING-ASSOCIATED PROTEIN VPS8//2.7e-08:165:22//SAC-
 CHAROMYCES CEREVISIAE (BAKER'S YEAST)//P39702
 F-NT2RP2003984//UNC-87 PROTEIN//0.75:71:28//CAENORHABDITIS ELEGANS//P37806
 20 F-NT2RP2003986//!!!! ALU SUBFAMILY SP WARNING ENTRY !!!!!//5.3e-19:47:70//HOMO SAPIENS (HUMAN)//
 P39193
 F-NT2RP2003988//!!!! ALU SUBFAMILY SX WARNING ENTRY !!!!!//2.2e-18:80:58//HOMO SAPIENS (HUMAN)//
 P39195
 F-NT2RP2004013//TRANSCRIPTION FACTOR BTF3 (RNA POLYMERASE B TRANSCRIPTION FACTOR 3)//
 1.0e-52:141:77//HOMO SAPIENS (HUMAN)//P20290
 25 F-NT2RP2004014//MACROPHAGE INFLAMMATORY PROTEIN-2-ALPHA (MIP2-ALPHA) (CINC-2-ALPHA)//
 0.99:45:26//RATTUS NORVEGICUS (RAT)//Q10746
 F-NT2RP2004041//SYNAPSINS IA AND IB//0.0022:51:37//BOS TAURUS (BOVINE)//P17599
 F-NT2RP2004042//CRUSTACEAN HYPERGLYCEMIC HORMONE PRECURSOR (CHH) (FRAGMENT)//1.0:49:
 28//PENAEUS VANNAMEI (PENOEID SHRIMP) (EUROPEAN WHITE SHRIMP)//Q26181
 30 F-NT2RP2004066//CALDESMON (CDM)//2.9e-05:175:21//GALLUS GALLUS (CHICKEN)//P12957
 F-NT2RP2004081//CADMIUM-METALLOTHIONEIN (CD-MT)//0.93:59:23//HELIX POMATIA (ROMAN SNAIL)
 (EDIBLE SNAIL)//P33187
 F-NT2RP2004098//RAS SUPPRESSOR PROTEIN 1 (RSU-1) (RSP-1 PROTEIN) (RSP-1)//4.6e-09:121:30//HO-
 MO SAPIENS (HUMAN)//Q15404
 35 F-NT2RP2004124//NONHISTONE CHROMOSOMAL PROTEIN HMG-17//0.068:63:31//GALLUS GALLUS
 (CHICKEN)//P02314
 F-NT2RP2004142//HYPOTHETICAL 59.1 KD PROTEIN IN VPS15-YMC2 INTERGENIC REGION//7.9e-05:94:
 28//SACCHAROMYCES CEREVISIAE (BAKER'S YEAST)//P38262
 F-NT2RP2004152//LAMIN L(I)//0.25:167:19//XENOPUS LAEVIS (AFRICAN CLAWED FROG)//P09010
 40 F-NT2RP2004165//HYPOTHETICAL 57.5 KD PROTEIN IN VMA7-RPS25A INTERGENIC REGION//0.0014:124:
 31//SACCHAROMYCES CEREVISIAE (BAKER'S YEAST)//P53214
 F-NT2RP2004170//PROLINE-RICH PROTEIN MP-3 (FRAGMENT)//0.012:125:30//MUS MUSCULUS
 (MOUSE)//P05143
 45 F-NT2RP2004172//HYPOTHETICAL 105.7 KD PROTEIN IN TPK3-PIR1 INTERGENIC REGION//4.1e-26:214:
 35//SACCHAROMYCES CEREVISIAE (BAKER'S YEAST)//P36051
 F-NT2RP2004187//ZINC FINGER PROTEIN 174//3.7e-12:76:47//HOMO SAPIENS (HUMAN)//Q15697
 F-NT2RP2004194//HYPOTHETICAL 10.5 KD PROTEIN C31A2.13C IN CHROMOSOME I//0.0013:92:23//
 SCHIZOSACCHAROMYCES POMBE (FISSION YEAST)//Q09730
 50 F-NT2RP2004196//METALLOTHIONEIN 10-II (MT-10-II)//0.92:36:36//MYTILUS EDULIS (BLUE MUSSEL)//
 P80247
 F-NT2RP2004207//MALE ACCESSORY GLAND SECRETORY PROTEIN 355A PRECURSOR//0.92:62:35//
 DROSOPHILA SIMULANS (FRUIT FLY)//P33737
 F-NT2RP2004226//66 KD STRESS PROTEIN (P66)//0.030:113:26//PHYSARUM POLYCEPHALUM (SLIME
 MOLD)//P90587
 55 F-NT2RP2004232//PROTEIN KINASE C, MU TYPE (EC 2.7.1.-) (NPKC-MU)//2.0e-48:211:51//HOMO SAPIENS
 (HUMAN)//Q15139
 F-NT2RP2004239//GLUTENIN, HIGH MOLECULAR WEIGHT SUBUNIT PW212 PRECURSOR//0.00038:111:
 36//TRITICUM AESTIVUM (WHEAT)//P08489

F-NT2RP2004240//METALLOTHIONEIN-II (MT-II) (METALLOTHIONEIN-LIKE PROTEIN) (MT-CE)//1.0:39:28//
 CAENORHABDITIS ELEGANS//P17512
 F-NT2RP2004242//RAS-RELATED PROTEIN RGP1 (GTP-BINDING REGULATORY PROTEIN RGP1)//0.0036:
 64:28//ORYZA SATIVA (RICE)//P25766
 5 F-NT2RP2004245//ATP SYNTHASE PROTEIN 8 (EC 3.6.1.34) (A6L)//1.0:21:42//PONGO PYGMAEUS PYG-
 MAEUS (BORNEAN ORANGUTAN)//P92896
 F-NT2RP2004270//SPIDROIN 2 (DRAGLINE SILK FIBROIN 2) (FRAGMENT)//0.00023:118:33//NEPHILA CLA-
 VIPES (ORB SPIDER)//P46804
 F-NT2RP2004300//PROBABLE E4 PROTEIN//0.18:77:40//HUMAN PAPILLOMAVIRUS TYPE 8//P06425
 10 F-NT2RP2004316
 F-NT2RP2004321//HYPOTHETICAL 10.8 KD PROTEIN SSR2439//1.0:50:28//SYNECHOCYSTIS SP. (STRAIN
 PCC 6803)//Q01904
 F-NT2RP2004339//!!!! ALU SUBFAMILY SX WARNING ENTRY !!!!!/5.0e-33:84:77//HOMO SAPIENS (HUMAN)//
 P39195
 15 F-NT2RP2004347//HYPOTHETICAL 40.9 KD PROTEIN F33H1.3 FROM CHROMOSOME II//0.78:96:30//
 CAENORHABDITIS ELEGANS//Q09556
 F-NT2RP2004364//MINOR OUTER CAPSID PROTEIN (NS26) (NONSTRUCTURAL PROTEIN VP9)//0.059:143:
 30//BOVINE ROTAVIRUS (STRAIN UK)//P04515
 F-NT2RP2004365//EAMZP30-47 PROTEIN (FRAGMENT)//0.27:38:39//EIMERIA ACERVULINA//P21959
 20 F-NT2RP2004366//GLYCOPROTEIN L PRECURSOR//0.64:71:28//MAREK'S DISEASE HERPESVIRUS
 (STRAIN GA) (MDHV)//P52510
 F-NT2RP2004373//HISTIDINE-RICH GLYCOPROTEIN PRECURSOR (HISTIDINE-PROLINE RICH GLYCO-
 PROTEIN) (HPRG) (FRAGMENT)//0.59:50:40//ORYCTOLAGUS CUNICULUS (RABBIT)//Q28640
 F-NT2RP2004389//HYPOTHETICAL 70.7 KD PROTEIN F09G8.3 IN CHROMOSOME III//4.0e-16:89:43//
 25 CAENORHABDITIS ELEGANS//P34388
 F-NT2RP2004392
 F-NT2RP2004396//SINGLE-STRANDED NUCLEIC ACID-BINDING PROTEIN//0.42:89:29//SACCHAROMY-
 CES CEREVISIAE (BAKER'S YEAST)//P10080
 F-NT2RP2004399//SOMATOTROPIN PRECURSOR (GROWTH HORMONE)//1.0:72:34//MESOCRICETUS AU-
 30 RATUS (GOLDEN HAMSTER)//P37886
 F-NT2RP2004400
 F-NT2RP2004412//SPERM PROTAMINE P1//0.24:38:31//NOTORYCTES TYPHLOPS (MARSUPIAL MOLE)//
 P42143
 F-NT2RP2004425//SUPPRESSOR PROTEIN SRP40//0.0087:197:22//SACCHAROMYCES CEREVISIAE (BAK-
 35 ER'S YEAST)//P32583
 F-NT2RP2004463//ALPHA-2A ADRENERGIC RECEPTOR (ALPHA-2A ADRENOCEPTOR) (ALPHA-2AAR)//
 1.3e-05:121:37//MUS MUSCULUS (MOUSE)//Q01338
 F-NT2RP2004476//NICKEL-SENSITIVE T-TYPE CALCIUM CHANNEL ALPHA-1 SUBUNIT (RBE-II)//0.20:68:
 36//RATTUS NORVEGICUS (RAT)//Q07652
 40 F-NT2RP2004490//FOS-RELATED ANTIGEN 1//0.94:59:33//HOMO SAPIENS (HUMAN)//P15407
 F-NT2RP2004512//NADH-UBIQUINONE OXIDOREDUCTASE CHAIN 4 (EC 1.6.5.3) (FRAGMENTS)//1.0:37:
 32//PISASTER OCHRACEUS (SEA STAR)//P24998
 F-NT2RP2004523//!!!! ALU SUBFAMILY SQ WARNING ENTRY !!!!!/2.1e-15:57:71//HOMO SAPIENS (HUMAN)//
 P39194
 45 F-NT2RP2004538//KINESIN-LIKE PROTEIN KIF1A (AXONAL TRANSPORTER OF SYNAPTIC VESICLES)//
 1.2e-48:121:60//HOMO SAPIENS (HUMAN)//Q12756
 F-NT2RP2004551//HYPOTHETICAL 7.6 KD PROTEIN (ORF 65)//1.0:20:50//EUGLENA GRACILIS//P32095
 F-NT2RP2004568//PUTATIVE ATP-DEPENDENT RNA HELICASE C30D11.03//5.2e-07:150:30//SCHIZOSAC-
 CHAROMYCES POMBE (FISSION YEAST)//Q09903
 50 F-NT2RP2004580//!!!! ALU SUBFAMILY SC WARNING ENTRY !!!!!/3.7e-37:100:78//HOMO SAPIENS (HU-
 MAN)//P39192
 F-NT2RP2004587//HYPOTHETICAL 57.5 KD PROTEIN IN VMA7-RPS25A INTERGENIC REGION//8.2e-06:
 150:32//SACCHAROMYCES CEREVISIAE (BAKER'S YEAST)//P53214
 F-NT2RP2004594//HYPOTHETICAL 45.3 KD PROTEIN C09F5.7 IN CHROMOSOME II//0.84:105:24//
 55 CAENORHABDITIS ELEGANS//Q09458
 F-NT2RP2004600//MYRISTOYLATED ALANINE-RICH C-KINASE SUBSTRATE (MARCKS)//0.17:127:29//RAT-
 TUS NORVEGICUS (RAT)//P30009
 F-NT2RP2004602//!!!! ALU SUBFAMILY J WARNING ENTRY !!!!!/1.1e-05:50:58//HOMO SAPIENS (HUMAN)//

- P39188
F-NT2RP2004614//HYPOTHETICAL 11.6 KD PROTEIN//1.0:68:33//VACCINIA VIRUS (STRAIN COPENHAGEN)//P20561
- 5 F-NT2RP2004655//GLYCINE-RICH RNA-BINDING PROTEIN 7//7.0e-05:70:42//ARABIDOPSIS THALIANA (MOUSE-EAR CRESS)//Q03250
F-NT2RP2004664//HYPOTHETICAL 104.0 KD PROTEIN C32A11.03C IN CHROMOSOME I//0.30:78:38//SCHIZOSACCHAROMYCES POMBE (FISSION YEAST)//Q10328
F-NT2RP2004675
F-NT2RP2004681
- 10 F-NT2RP2004689//HYPOTHETICAL 78.3 KD PROTEIN IN RAM2-ATP7 INTERGENIC REGION//0.021:179:24//SACCHAROMYCES CEREVISIAE (BAKER'S YEAST)//P34243
F-NT2RP2004709//HYPOTHETICAL PROTEIN MJ0647//0.90:39:43//METHANOCOCCUS JANNASCHII//Q58063
F-NT2RP2004710//GAR2 PROTEIN//0.085:60:30//SCHIZOSACCHAROMYCES POMBE (FISSION YEAST)//P41891
- 15 F-NT2RP2004736//!!!! ALU SUBFAMILY J WARNING ENTRY !!!!!/4.4e-15:97:49//HOMO SAPIENS (HUMAN)//P39188
F-NT2RP2004743//MALE SPECIFIC SPERM PROTEIN MST87F//0.43:24:41//DROSOPHILA MELANOGASTER (FRUIT FLY)//P08175
- 20 F-NT2RP2004767//36.4 KD PROLINE-RICH PROTEIN//0.0051:88:27//LYCOPERSICON ESCULENTUM (TOMATO)//Q00451
F-NT2RP2004768//SERINE/THREONINE-PROTEIN KINASE NRK1 (EC 2.7.1.-) (N-RICH KINASE 1)//9.0e-29:166:43//SACCHAROMYCES CEREVISIAE (BAKER'S YEAST)//P38692
F-NT2RP2004775
- 25 F-NT2RP2004791//PROBABLE LEUCYL-TRNA SYNTHETASE (EC 6.1.1.4) (LEUCINE-TRNA LIGASE) (LEURS)//7.4e-60:226:53//CAENORHABDITIS ELEGANS//Q09996
F-NT2RP2004799//SUCCINYL-COA LIGASE [GDP-FORMING], BETA-CHAIN PRECURSOR (EC 6.2.1.4) (SUCCINYL-COA SYNTHETASE, BETA CHAIN) (SCS-BETA)//2.2e-42:133:57//NEOCALLIMASTIX FRONTALIS (RUMEN FUNGUS)//P53587
- 30 F-NT2RP2004802//HYPOTHETICAL 17.1 KD PROTEIN IN PUR5 3'REGION//0.018:86:32//SACCHAROMYCES CEREVISIAE (BAKER'S YEAST)//P38898
F-NT2RP2004816//H<BETA>58 PROTEIN//1.0e-68:145:93//MUS MUSCULUS (MOUSE)//P40336
F-NT2RP2004841//DSRD PROTEIN//0.83:33:39//ARCHAEOGLOBUS FULGIDUS//P70742
F-NT2RP2004861//KERATIN, HIGH-SULFUR MATRIX PROTEIN, IIIA3A//0.0072:41:39//OVIS ARIES (SHEEP)//P02443
- 35 F-NT2RP2004897//METALLOTHIONEIN-LIKE PROTEIN 1//0.99:41:41//CASUARINA GLAUCA (SWAMP OAK)//Q39511
F-NT2RP2004933//DEATH-ASSOCIATED PROTEIN KINASE 1 (EC 2.7.1.-) (DAP KINASE 1)//8.4e-34:102:67//HOMO SAPIENS (HUMAN)//P53355
- 40 F-NT2RP2004936//HIGH POTENTIAL IRON-SULFUR PROTEIN, ISOZYME 2 (HIPIP 2)//0.87:36:33//ECOTHIORHODOSPIRA VACUOLATA//P38524
F-NT2RP2004959//STEM CELL FACTOR PRECURSOR (SCF) (MAST CELL GROWTH FACTOR) (MGF) (C-KIT LIGAND)//1.0:69:28//CANIS FAMILIARIS (DOG)//Q06220
F-NT2RP2004961//ZINC FINGER PROTEIN 33A (ZINC FINGER PROTEIN KOX31) (KIAA0065) (HA0946) (FRAGMENT)//2.1e-21:73:58//HOMO SAPIENS (HUMAN)//Q06730
- 45 F-NT2RP2004962//!!!! ALU SUBFAMILY SB WARNING ENTRY !!!!!/0.17:28:57//HOMO SAPIENS (HUMAN)//P39189
F-NT2RP2004967//HYPOTHETICAL 7.3 KD PROTEIN//0.76:41:31//THERMOPROTEUS TENAX VIRUS 1 (STRAIN KRA1) (TTV1)//P19301
- 50 F-NT2RP2004978//SPERMATID-SPECIFIC PROTEIN T2 [CONTAINS: SPERM PROTAMINE SP2]//0.44:40:45//SEPIA OFFICINALIS (COMMON CUTTLEFISH)//P80002
F-NT2RP2004982
F-NT2RP2004985//HYPOTHETICAL PROTEIN KIAA0144//1.2e-51:204:57//HOMO SAPIENS (HUMAN)//Q14157
- 55 F-NT2RP2004999//LONG NEUROTOXIN 1 (ALPHA-BUNGAROTOXIN) (BGTX)//0.23:73:26//BUNGARUS MULTICINCTUS (MANY-BANDED KRAIT)//P01378
F-NT2RP2005000//ATPASE STABILIZING FACTOR 15 KD PROTEIN//0.12:37:32//SACCHAROMYCES CEREVISIAE (BAKER'S YEAST)//P16965

EP 1 074 617 A2

F-NT2RP2005001//SMALL PROLINE RICH PROTEIN II (SPR-II) (CLONE 930)//0.90:54:31//HOMO SAPIENS (HUMAN)//P22531

F-NT2RP2005003//DOWN REGULATORY PROTEIN OF INTERLEUKIN 2 RECEPTOR//1.6e-30:78:56//MUS MUSCULUS (MOUSE)//P15533

5 F-NT2RP2005012//NPL1 PROTEIN (SEC63 PROTEIN)//0.00024:94:35//SACCHAROMYCES CEREVISIAE (BAKER'S YEAST)//P14906

F-NT2RP2005018//GAG POLYPROTEIN (CORE POLYPROTEIN) [CONTAINS: CORE PROTEINS P19, P10] (FRAGMENT)//1.0:91:28//AVIAN ENDOGENOUS ROUS-ASSOCIATED VIRUS-0 (EV-2) (AVIAN RETROVIRUS RAV-0)//P06937

10 F-NT2RP2005020

F-NT2RP2005022//VEGETATIBLE INCOMPATIBILITY PROTEIN HET-E-1//4.9e-11:106:35//PODOSPORA ANSERINA//Q00808

F-NT2RP2005031

15 F-NT2RP2005037//ANTI-SILENCING PROTEIN 1//2.2e-32:117:55//SACCHAROMYCES CEREVISIAE (BAKER'S YEAST)//P32447

F-NT2RP2005038//DNA NUCLEOTIDYLEXOTRANSFERASE (EC 2.7.7.31) (TERMINAL ADDITION ENZYME) (TERMINAL DEOXYNUCLEOTIDYLTRANSFERASE) (TERMINAL TRANSFERASE)//9.3e-28:187:40//AMBYSTOMA MEXICANUM (AXOLOTL)//O57486

F-NT2RP2005108//CUTICLE COLLAGEN 2//0.33:62:38//CAENORHABDITIS ELEGANS//P17656

20 F-NT2RP2005116//PUTATIVE EUKARYOTIC TRANSLATION INITIATION FACTOR 3 ALPHA SUBUNIT (EIF-3 ALPHA)//4.0e-54:161:63//CAENORHABDITIS ELEGANS//P34466

F-NT2RP2005126//CHLOROPLAST 50S RIBOSOMAL PROTEIN L27 (FRAGMENT)//0.23:46:39//PLEUROCHRYYSIS HAPTONEMOFORMA//P41552

F-NT2RP2005139//COLLAGEN ALPHA 1(XII) CHAIN (FRAGMENTS)//0.016:43:37//BOS TAURUS (BOVINE)//P25508

25 F-NT2RP2005140//HYPOTHETICAL 7.4 KD PROTEIN YCF33//0.96:51:39//GUILLARDIA THETA (CRYPTOMONAS PHI)//O78517

F-NT2RP2005144//TUBBY PROTEIN//5.6e-08:66:45//MUS MUSCULUS (MOUSE)//P50586

F-NT2RP2005147

30 F-NT2RP2005159//PHOTOSYSTEM II 4 KD REACTION CENTRE PROTEIN PRECURSOR//0.94:57:29//NICOTIANA TABACUM (COMMON TOBACCO), AND SPINACIA OLERACEA (SPINACH)//P12164

F-NT2RP2005162//HYPOTHETICAL 54.2 KD PROTEIN IN ERP5-ORC6 INTERGENIC REGION//1.2e-33:139:51//SACCHAROMYCES CEREVISIAE (BAKER'S YEAST)//P38821

F-NT2RP2005168//HETEROGENOUS NUCLEAR RIBONUCLEOPROTEIN U (HNRNP U)//2.8e-33:102:61//HOMO SAPIENS (HUMAN)//Q00839

35 F-NT2RP2005204//DNA DAMAGE TOLERANCE PROTEIN RHC31 (RAD31 HOMOLOG)//3.9e-28:141:42//SACCHAROMYCES CEREVISIAE (BAKER'S YEAST)//Q06624

F-NT2RP2005227

F-NT2RP2005239//TRNA SPLICING PROTEIN SPL1//2.0e-38:117:64//CANDIDA ALBICANS (YEAST)//P87185

40 F-NT2RP2005254//OMEGA-AGATOXIN IB (OMEGA-AGA-IB) (FRAGMENT)//0.26:29:48//AGELENOPSIS APERTA (FUNNEL-WEB SPIDER)//P15970

F-NT2RP2005270//HOMEOBOX PROTEIN HOX-A4 (CHOX-1.4)//0.037:82:34//GALLUS GALLUS (CHICKEN)//P17277

F-NT2RP2005276//LONG-CHAIN-FATTY-ACID--COA LIGASE 4 (EC 6.2.1.3) (LONG-CHAIN ACYL-COA SYNTHETASE 4) (LACS 4)//2.0e-59:174:61//RATTUS NORVEGICUS (RAT)//O35547

45 F-NT2RP2005287//ZINC FINGER PROTEIN 26 (ZINC FINGER PROTEIN KOX20) (FRAGMENT)//1.5e-05:27:70//HOMO SAPIENS (HUMAN)//P17031

F-NT2RP2005288//PROBABLE RUBREDOXIN HUPI//1.0:42:28//RHIZOBIUM LEGUMINOSARUM (BIOVAR VICIAE)//P28151

50 F-NT2RP2005289//!!!! ALU SUBFAMILY SP WARNING ENTRY !!!!!/1.1e-21:75:70//HOMO SAPIENS (HUMAN)//P39193

F-NT2RP2005293//TRANSLATION INITIATION FACTOR IF-2//0.58:170:24//HELICOBACTER PYLORI (CAMPYLOBACTER PYLORI)//P55972

F-NT2RP2005315//CUTICLE COLLAGEN 7 (FRAGMENT)//0.091:65:38//CAENORHABDITIS ELEGANS//P18832

55 F-NT2RP2005325//CHROMOGRANIN A PRECURSOR (CGA) (PITUITARY SECRETORY PROTEIN I) (SP-I) [CONTAINS: PANCREASTATIN; WE-14]/9.5e-09:98:39//HOMO SAPIENS (HUMAN)//P10645

F-NT2RP2005336//HYPOTHETICAL 68.7 KD PROTEIN IN STB1-MCK1 INTERGENIC REGION//0.00011:124:

28//SACCHAROMYCES CEREVISIAE (BAKER'S YEAST)//P42846
 F-NT2RP2005344//PROBABLE CALCIUM-TRANSPORTING ATPASE 4 (EC 3.6.1.38)//4.7e-21:92:52//SACCHAROMYCES CEREVISIAE (BAKER'S YEAST)//Q12675
 F-NT2RP2005354
 5 F-NT2RP2005358//MYOSIN IC HEAVY CHAIN//0.012:91:39//ACANTHAMOEBA CASTELLANII (AMOEBE)//P10569
 F-NT2RP2005360//ACROSIN PRECURSOR (EC 3.4.21.10)//0.0022:73:36//ORYCTOLAGUS CUNICULUS (RABBIT)//P48038
 F-NT2RP2005393//HYPOTHETICAL 25.9 KD PROTEIN AH6.3 IN CHROMOSOME II//0.00085:135:28//
 10 CAENORHABDITIS ELEGANS //Q09202
 F-NT2RP2005407//SQUALENE MONOOXYGENASE (EC 1.14.99.7) (SQUALENE EPOXIDASE) (SE)//0.96:109:26//SACCHAROMYCES CEREVISIAE (BAKER'S YEAST)//P32476
 F-NT2RP2005436//EXTENSIN PRECURSOR (PROLINE-RICH GLYCOPROTEIN)//0.0011:54:42//ZEA MAYS (MAIZE)//P14918
 15 F-NT2RP2005441//PROLINE-RICH PROTEIN MP-2 PRECURSOR//0.039:182:29//MUS MUSCULUS (MOUSE)//P05142
 F-NT2RP2005453
 F-NT2RP2005457//NADH-UBIQUINONE OXIDOREDUCTASE SUBUNIT B14.5B (EC 1.6.5.3) (EC 1.6.99.3) (COMPLEX I-B14.5B) (CI-B14.5B)//4.0e-10:124:37//BOS TAURUS (BOVINE)//Q02827
 20 F-NT2RP2005464//HYPOTHETICAL 9.5 KD PROTEIN//0.96:42:33//VACCINIA VIRUS (STRAIN COPENHAGEN)//P20553
 F-NT2RP2005465//MITOCHONDRIAL CARRIER PROTEIN RIM2//4.6e-09:92:42//SACCHAROMYCES CEREVISIAE (BAKER'S YEAST)//P38127
 F-NT2RP2005472//HYPOTHETICAL PROTEIN BB0129//0.76:80:32//BORRELIA BURGDORFERI (LYME DISEASE SPIROCHETE)//O51155
 25 F-NT2RP2005476//!!!! ALU SUBFAMILY SP WARNING ENTRY !!!!!/1.0e-31:39:89//HOMO SAPIENS (HUMAN)//P39193
 F-NT2RP2005490//METALLOTHIONEIN-II (MT-II)//0.14:27:33//SCYLLA SERRATA (MUD CRAB)//P02806
 F-NT2RP2005491//DNA-DIRECTED RNA POLYMERASE SUBUNIT I (EC 2.7.7.6)//0.95:45:31//METHANOCOCCUS JANNASCHII//Q58785
 30 F-NT2RP2005495//HYPOTHETICAL 10.8 KD PROTEIN IN GP30-RIII INTERGENIC REGION//0.99:68:30//BACTERIOPHAGE T4//Q02407
 F-NT2RP2005496//ZINC FINGER PROTEIN 135//1.4e-54:120:59//HOMO SAPIENS (HUMAN)//P52742
 F-NT2RP2005498//PROTEIN PHOSPHATASE PP2A, 55 KD REGULATORY SUBUNIT, ALPHA ISOFORM (PROTEIN PHOSPHATASE PP2A B SUBUNIT ALPHA ISOFORM) (ALPHA-PP55)//9.5e-76:146:86//RATTUS NORVEGICUS (RAT)//P36876
 35 F-NT2RP2005501//GALECTIN-3 (GALACTOSE-SPECIFIC LECTIN 3) (MAC-2 ANTIGEN) (IGE-BINDING PROTEIN) (35 KD LECTIN) (CARBOHYDRATE BINDING PROTEIN 35) (CBP 35) (LAMININ-BINDING PROTEIN) (LECTIN L-29) (L-31) (GALACTOSIDE-BINDING PROTEIN) (GALBP)//0.025:70:40//HOMO SAPIENS (HUMAN)//P17931
 40 F-NT2RP2005509//PROCOLLAGEN ALPHA 1(I) CHAIN PRECURSOR//1.0:166:27//GALLUS GALLUS (CHICKEN)//P02457
 F-NT2RP2005520//CHROMOSOME ASSEMBLY PROTEIN XCAP-E//7.9e-45:118:79//XENOPUS LAEVIS (AFRICAN CLAWED FROG)//P50533
 45 F-NT2RP2005525//50S RIBOSOMAL PROTEIN L11//1.0:47:27//BORRELIA BURGDORFERI (LYME DISEASE SPIROCHETE)//O51354
 F-NT2RP2005531//PROTEIN-TYROSINE PHOSPHATASE MEG1 (EC 3.1.3.48) (PTPASE-MEG1) (MEG)//9.8e-13:84:45//HOMO SAPIENS (HUMAN)//P29074
 F-NT2RP2005539//RING CANAL PROTEIN (KELCH PROTEIN)//4.9e-10:90:33//DROSOPHILA MELANOGASTER (FRUIT FLY)//Q04652
 50 F-NT2RP2005540//NUCLEOTIDE BINDING PROTEIN EXPZ//0.36:119:21//BACILLUS SUBTILIS//P39115
 F-NT2RP2005549//HYPOTHETICAL 32.0 KD PROTEIN C16C10.10 IN CHROMOSOME III//6.0e-39:179:46//CAENORHABDITIS ELEGANS//Q09253
 F-NT2RP2005555
 55 F-NT2RP2005557//HYPOTHETICAL 23.7 KD PROTEIN C13G6.14 IN CHROMOSOME I//4.9e-06:90:35//SCHIZOSACCHAROMYCES POMBE (FISSION YEAST)//Q09790
 F-NT2RP2005581
 F-NT2RP2005600//BASIC PROLINE-RICH PEPTIDE P-E (IB-9)//0.014:37:40//HOMO SAPIENS (HUMAN)//

P02811

F-NT2RP2005605//GONADOLIBERIN I PRECURSOR (LHRH-I) (LUTEINIZING HORMONE RELEASING HORMONE I) (GONADOTROPIN RELEASING HORMONE I) (GNRH-I) (LULIBERIN I) (FRAGMENT)//0.64:26:42//MACACA MULATTA (RHESUS MACAQUE)//P55247

5 F-NT2RP2005620//HYPOTHETICAL 45.1 KD PROTEIN IN RPS5-ZMS1 INTERGENIC REGION//8.7e-31:138:49//SACCHAROMYCES CEREVISIAE (BAKER'S YEAST)//P47160

F-NT2RP2005622//NEUROTOXIN-LIKE PROTEIN STR1 (ANATOXIN AAH STR1)//0.39:22:40//ANDROCTONUS AUSTRALIS HECTOR (SAHARA SCORPION)//P80950

10 F-NT2RP2005635//HYPOTHETICAL 80.7 KD PROTEIN IN ERG7-NMD2 INTERGENIC REGION//5.8e-43:144:56//SACCHAROMYCES CEREVISIAE (BAKER'S YEAST)//P38795

F-NT2RP2005637//VPU PROTEIN (U ORF PROTEIN)//0.91:33:45//CHIMPANZEE IMMUNODEFICIENCY VIRUS (SIV(CPZ)) (CIV)//P17286

F-NT2RP2005640//METALLOTHIONEIN-LIKE PROTEIN LSC54//0.63:41:31//BRASSICA NAPUS (RAPE)//P43402

15 F-NT2RP2005645

F-NT2RP2005651//OCTAMER-BINDING TRANSCRIPTION FACTOR 3A (OCT-3A) (OCT-4)//0.0023:50:42//HOMO SAPIENS (HUMAN)//Q01860

F-NT2RP2005654//HYPOTHETICAL 48.6 KD PROTEIN IN BET1-PAN1 INTERGENIC REGION//6.1e-16:76:44//SACCHAROMYCES CEREVISIAE (BAKER'S YEAST)//P40564

20 F-NT2RP2005669//METALLOTHIONEIN-II (MT-II)//0.76:16:50//SCYLLA SERRATA (MUD CRAB)//P02806

F-NT2RP2005675//PUTATIVE ORAL CANCER SUPPRESSOR (DELETED IN ORAL CANCER-1)//6.5e-26:116:54//MESOCRICETUS AURATUS (GOLDEN HAMSTER)//P49119

F-NT2RP2005683//HYPOTHETICAL PROTEIN HI0275//0.17:50:40//HAEMOPHILUS INFLUENZAE//P43975

25 F-NT2RP2005690//PYRROLINE-5-CARBOXYLATE REDUCTASE (EC 1.5.1.2) (P5CR) (P5C REDUCTASE)//1.3e-16:75:30//PISUM SATIVUM (GARDEN PEA)//Q04708

F-NT2RP2005694//HYPOTHETICAL PROTEIN KIAA0032//9.6e-11:135:34//HOMO SAPIENS (HUMAN)//Q15034

F-NT2RP2005701//SALIVARY PROLINE-RICH PROTEIN PO (ALLELE M) [CONTAINS: PEPTIDE P-D] (FRAGMENT)//0.084:158:32//HOMO SAPIENS (HUMAN)//P10161

30 F-NT2RP2005712//METALLOTHIONEIN-II (MT-II)//0.19:14:50//STENELLA COERULEOALBA (STRIPED DOLPHIN)//P14425

F-NT2RP2005719//COLLAGEN ALPHA 1(I) CHAIN (FRAGMENT)//1.0:36:41//ORYCTOLAGUS CUNICULUS (RABBIT)//P02456

35 F-NT2RP2005722//ZINC FINGER PROTEIN ZFP-36 (FRAGMENT)//7.8e-37:131:62//HOMO SAPIENS (HUMAN)//P16415

F-NT2RP2005723//!!!! ALU SUBFAMILY SC WARNING ENTRY !!!!!//0.98:23:60//HOMO SAPIENS (HUMAN)//P39192

F-NT2RP2005726//HYPOTHETICAL PROTEIN TP0375//0.98:30:43//TREPONEMA PALLIDUM//O83390

40 F-NT2RP2005732//PERIOD CLOCK PROTEIN (FRAGMENT)//0.41:20:55//DROSOPHILA ROBUSTA (FRUIT FLY)//Q03296

F-NT2RP2005741//SMR1 PROTEIN PRECURSOR (VCS-ALPHA 1)//0.38:58:36//RATTUS NORVEGICUS (RAT)//P13432

F-NT2RP2005748//ZINC FINGER PROTEIN KOX23 (FRAGMENT)//0.026:19:68//HOMO SAPIENS (HUMAN)//P17034

45 F-NT2RP2005752//PROCOLLAGEN ALPHA 1(III) CHAIN PRECURSOR//0.90:101:31//HOMO SAPIENS (HUMAN)//P02461

F-NT2RP2005753//DNA-BINDING P52/P100 COMPLEX, 100 KD SUBUNIT (FRAGMENTS)//0.50:22:59//HOMO SAPIENS (HUMAN)//P30808

50 F-NT2RP2005763//PUTATIVE ATP-DEPENDENT RNA HELICASE STE13//4.7e-14:108:37//SCHIZOSACCHAROMYCES POMBE (FISSION YEAST)//Q09181

F-NT2RP2005767//NONHISTONE CHROMOSOMAL PROTEIN 6B//4.1e-08:65:32//SACCHAROMYCES CEREVISIAE (BAKER'S YEAST)//P11633

F-NT2RP2005773//PYRROLINE-5-CARBOXYLATE REDUCTASE (EC 1.5.1.2) (P5CR) (P5C REDUCTASE)//1.2e-14:65:61//HOMO SAPIENS (HUMAN)//P32322

55 F-NT2RP2005775//NEUROLYSIN PRECURSOR (EC 3.4.24.16) (NEUROTENSIN ENDOPEPTIDASE) (MITOCHONDRIAL OLIGOPEPTIDASE M) (MICROSOMAL ENDOPEPTIDASE) (MEP)//1.3e-103:199:90//ORYCTOLAGUS CUNICULUS (RABBIT)//P42675

F-NT2RP2005781//SALIVARY ACIDIC PROLINE-RICH PHOSPHOPROTEIN 1/2 PRECURSOR (PRP-1 / PRP-

3) (PRP-2 / PRP-4) (PIF-F / PIF-S) (PROTEIN A / PROTEIN C) [CONTAINS: PEPTIDE P-C] // 0.090:73:36//HOMO SAPIENS (HUMAN) // P02810

5 F-NT2RP2005784//TRANS-ACTING TRANSCRIPTIONAL PROTEIN ICP0 (IMMEDIATE-EARLY PROTEIN IE110) (VMW110) (ALPHA-0 PROTEIN) // 3.5e-06:79:37//HERPES SIMPLEX VIRUS (TYPE 1 / STRAIN 17) // P08393

F-NT2RP2005804//HYPOTHETICAL PROLINE-RICH PROTEIN (FRAGMENT) // 1.8e-07:43:55//OWENIA FUSIFORMIS // P21260

F-NT2RP2005812//HYPOTHETICAL 39.3 KD PROTEIN IN GCN4-WBP1 INTERGENIC REGION // 6.3e-14:143:31//SACCHAROMYCES CEREVISIAE (BAKER'S YEAST) // P40004

10 F-NT2RP2005815//FERROCHELATASE (EC 4.99.1.1) (PROTOHEME FERRO-LYASE) (HEME SYNTHETASE) // 0.0017:123:37//MYCOBACTERIUM AVIUM // O07401

F-NT2RP2005835//SHP1 PROTEIN // 1.2e-08:135:26//SACCHAROMYCES CEREVISIAE (BAKER'S YEAST) // P34223

15 F-NT2RP2005841//SMALL PROLINE-RICH PROTEIN II (SPR-II) (CLONE 174N) // 0.23:28:53//HOMO SAPIENS (HUMAN) // P22532

F-NT2RP2005853//HYPOTHETICAL 8.5 KD PROTEIN IN ASIA-MOTA INTERGENIC REGION // 0.99:33:48//BACTERIOPHAGE T4 // P22917

F-NT2RP2005857//CHROMOSOME ASSEMBLY PROTEIN XCAP-C // 8.6e-84:235:66//XENOPUS LAEVIS (AFRICAN CLAWED FROG) // P50532

20 F-NT2RP2005859//MALE SPECIFIC SPERM PROTEIN MST84DB // 0.017:60:40//DROSOPHILA MELANOGASTER (FRUIT FLY) // Q01643

F-NT2RP2005868//ATP SYNTHASE B' CHAIN PRECURSOR (EC 3.6.1.34) (SUBUNIT II) // 0.28:121:28//SPINACIA OLERACEA (SPINACH) // P31853

F-NT2RP2005886//MICRONUCLEAR LINKER HISTONE POLYPROTEIN (MIC LH) [CONTAINS: LINKER HISTONE PROTEINS ALPHA, BETA, DELTA AND GAMMA] // 0.80:130:28//TETRAHYMENA THERMOPHILA // P40631

25 F-NT2RP2005890

F-NT2RP2005901//ATP SYNTHASE PROTEIN 8 (EC 3.6.1.34) (A6L) // 0.35:18:44//DROSOPHILA YAKUBA (FRUIT FLY) // P03933

30 F-NT2RP2005908//!!!! ALU SUBFAMILY SQ WARNING ENTRY !!!!! // 1.0e-28:61:65//HOMO SAPIENS (HUMAN) // P39194

F-NT2RP2005933//PERIOD CLOCK PROTEIN (P230) (FRAGMENT) // 1.7e-11:85:49//ACETABULARIA MEDITERRANEA (MERMAID'S WINE GLASS) // P12347

F-NT2RP2005942//POLY(A) POLYMERASE (EC 2.7.7.19) (PAP) (POLYNUCLEOTIDE ADENYLYLTRANSFERASE) // 7.2e-59:216:58//BOS TAURUS (BOVINE) // P25500

35 F-NT2RP2005980//HYPOTHETICAL 11.5 KD PROTEIN IN RSP8A-AST1 INTERGENIC REGION // 1.0:49:34//SACCHAROMYCES CEREVISIAE (BAKER'S YEAST) // P38185

F-NT2RP2006023//DNA REPAIR PROTEIN REC N (RECOMBINATION PROTEIN N) (FRAGMENT) // 1.0:40:45//VIBRIO CHOLERAEE // P52118

40 F-NT2RP2006038//HYPOTHETICAL 30.2 KD PROTEIN C02F5:4 IN CHROMOSOME III // 4.0e-11:90:34//CAENORHABDITIS ELEGANS // P34281

F-NT2RP2006043//LAMININ BETA-1 CHAIN VARIANT (LAMININ BETA-1-2 CHAIN) (FRAGMENT) // 0.00067:73:38//GALLUS GALLUS (CHICKEN) // Q01636

F-NT2RP2006052//METALLOTHIONEIN-I (MT-I) // 0.19:31:38//CERCOPITHECUS AETHIOPS (GREEN MONKEY) (GRIVET) // P02797

45 F-NT2RP2006069//COLLAGEN ALPHA 2(I) CHAIN (FRAGMENTS) // 1.0:66:34//RATTUS NORVEGICUS (RAT) // P02466

F-NT2RP2006071//RESTIN // 0.40:156:29//GALLUS GALLUS (CHICKEN) // O42184

F-NT2RP2006098//HYPOTHETICAL 21.7 KD PROTEIN IN TUP1-ABP1 INTERGENIC REGION // 0.99:95:20//SACCHAROMYCES CEREVISIAE (BAKER'S YEAST) // P25651

50 F-NT2RP2006100//LONG NEUROTOXIN 4 (ALPHA-NEUROTOXIN) // 0.94:43:34//OPHIOPHAGUS HANNAH (KING COBRA) (NAJA HANNAH) // P80156

F-NT2RP2006103//50S RIBOSOMAL PROTEIN L32 // 0.40:36:38//SYNECHOCYSTIS SP. (STRAIN PCC 6803) // P73014

55 F-NT2RP2006106//CUTICLE COLLAGEN 1 // 0.28:85:29//CAENORHABDITIS ELEGANS // P08124

F-NT2RP2006141//HYPOTHETICAL 72.5 KD PROTEIN C2F7.10 IN CHROMOSOME I // 1.9e-08:57:42//SCHIZOSACCHAROMYCES POMBE (FISSION YEAST) // Q09701

F-NT2RP2006166

- F-NT2RP2006184//HYPOTHETICAL 11.2 KD PROTEIN IN CSGC-MDOG INTERGENIC REGION PRECURSOR.//0.95:87:26//ESCHERICHIA COLI.//P75917
- F-NT2RP2006186//MICROTUBULE-ASSOCIATED PROTEIN 2.//0.088:124:33//MUS MUSCULUS (MOUSE).//P20357
- 5 F-NT2RP2006196//!!!! ALU SUBFAMILY SP WARNING ENTRY !!!!!/4.0e-05:49:61//HOMO SAPIENS (HUMAN).//P39193
- F-NT2RP2006200//PROCOLLAGEN ALPHA 2(V) CHAIN PRECURSOR.//0.0013:205:32//HOMO SAPIENS (HUMAN).//P05997
- 10 F-NT2RP2006219//GONADAL PROTEIN GDL.//3.5e-18:158:37//DROSOPHILA MELANOGASTER (FRUIT FLY).//P22468
- F-NT2RP2006237//FIBRINOGEN- AND IG-BINDING PROTEIN PRECURSOR (MRP PROTEIN).//0.79:103:28//STREPTOCOCCUS PYOGENES.//P30141
- F-NT2RP2006238//PROLINE-RICH PROTEIN MP-3 (FRAGMENT).//4.7e-07:127:39//MUS MUSCULUS (MOUSE).//P05143
- 15 F-NT2RP2006258//PROBABLE E5 PROTEIN.//0.78:47:34//RHESUS PAPILLOMAVIRUS TYPE 1 (RHPV 1).//P24834
- F-NT2RP2006261//PENAEIDIN-3A PRECURSOR (P3-A).//0.61:35:40//PENAEUS VANNAMEI (PENOEID SHRIMP) (EUROPEAN WHITE SHRIMP).//P81058
- 20 F-NT2RP2006275//ELECTROMOTOR NEURON-ASSOCIATED PROTEIN 2 (FRAGMENT).//1.2e-28:59:57//TORPEDO CALIFORNICA (PACIFIC ELECTRIC RAY).//P14401
- F-NT2RP2006312//HIGH-MOBILITY-GROUP PROTEIN (NONHISTONE CHROMOSOMAL PROTEIN).//1.6e-06:53:35//TETRAHYMENA PYRIFORMIS.//P40625
- F-NT2RP2006320//TAT PROTEIN (TRANSACTIVATING REGULATORY PROTEIN) (FRAGMENT).//0.90:24:41//HUMAN IMMUNODEFICIENCY VIRUS TYPE 1 (BH5 ISOLATE) (HIV-1).//P04612
- 25 F-NT2RP2006321//!!!! ALU SUBFAMILY SP WARNING ENTRY !!!!!/0.0051:25:76//HOMO SAPIENS (HUMAN).//P39193
- F-NT2RP2006323//WISKOTT-ALDRICH SYNDROME PROTEIN (WASP).//0.84:33:39//HOMO SAPIENS (HUMAN).//P42768
- 30 F-NT2RP2006333//MYOTOXIN 3 PRECURSOR (CROTAMINE 3).//0.56:37:40//CROTALUS DURISSUS TERRIFICUS (SOUTH AMERICAN RATTLESNAKE).//P24333
- F-NT2RP2006334//SUCCINYL-COA LIGASE [GDP-FORMING], ALPHA-CHAIN 3 PRECURSOR (EC 6.2.1.4) (SUCCINYL-COA SYNTHETASE, ALPHA CHAIN 3).//0.00097:46:41//TRICHOMONAS VAGINALIS.//P53401
- F-NT2RP2006365//NONSPECIFIC LIPID-TRANSFER PROTEIN 4.3 PRECURSOR (LTP 4.3).//0.18:75:29//HORDEUM VULGARE (BARLEY).//Q42842
- 35 F-NT2RP2006393//OMEGA-CONOTOXIN MVIIC PRECURSOR (FRAGMENT).//0.82:15:66//CONUS MAGUS (MAGUS CONE).//P37300
- F-NT2RP2006436//ANTERIOR-RESTRICTED HOMEBOX PROTEIN (RATHKE POUCH HOMEO BOX).//1.4e-08:50:50//MUS MUSCULUS (MOUSE).//Q61658
- 40 F-NT2RP2006441//METALLOTHIONEIN-LIKE PROTEIN 1.//0.99:22:54//MIMULUS GUTTATUS (SPOTTED MONKEY FLOWER) (YELLOW MONKEY FLOWER).//P20238
- F-NT2RP2006454//SPERM PROTAMINE P1.//0.60:47:36//TACHYGLOSSUS ACULEATUS ACULEATUS (AUSTRALIAN ECHIDNA).//P35311
- F-NT2RP2006456
- 45 F-NT2RP2006464//PHOTOSYSTEM I IRON-SULFUR CENTER (PHOTOSYSTEM I SUBUNIT VII) (9 KD POLYPEPTIDE) (PSI-C).//0.91:79:30//SYNECHOCOCCUS SP. (STRAIN PCC 7002) (AGMENELLUM QUADRUPLICATUM).//P31087
- F-NT2RP2006467//PUTATIVE CUTICLE COLLAGEN F55C10.3.//0.15:53:35//CAENORHABDITIS ELEGANS.//Q21184
- 50 F-NT2RP2006472//HYPOTHETICAL 19 KD PROTEIN (ORF 167).//0.33:98:26//MARCHANTIA POLYMORPHA (LIVERWORT).//P12202
- F-NT2RP2006534
- F-NT2RP2006554//ANTI-SIGMA F FACTOR ANTAGONIST (STAGE II SPORULATION PROTEIN AA).//0.91:50:34//BACILLUS SPHAERICUS.//O32723
- F-NT2RP2006565//SECRETORY CARRIER-ASSOCIATED MEMBRANE PROTEIN 1 (SCAMP 37).//6.0e-66:93:96//RATTUS NORVEGICUS (RAT).//P56603
- 55 F-NT2RP2006571//CYTOCHROME P450 2B10 (EC 1.14.14.1) (CYPIB10) (TESTOSTERONE 16-ALPHA HYDROXYLASE) (P450-16-ALPHA) (CLONE PF3/46).//4.5e-40:138:57//MUS MUSCULUS (MOUSE).//P12791
- F-NT2RP2006573//SPERM PROTAMINE P1 (CYSTEINE-RICH PROTAMINE).//0.53:46:39//BOS TAURUS (BO-

VINE)//P02318
 F-NT2RP2006598//!!!! ALU SUBFAMILY SX WARNING ENTRY !!!!!/1.3e-12:44:77//HOMO SAPIENS (HUMAN)//
 P39195
 F-NT2RP3000002//!!!! ALU SUBFAMILY SC WARNING ENTRY !!!!!/1.4e-19:60:63//HOMO SAPIENS (HUMAN)//
 5 P39192
 F-NT2RP3000031//HYPOTHETICAL 89.8 KD PROTEIN F41H10.6 IN CHROMOSOME IV//2.1e-39:210:42//
 CAENORHABDITIS ELEGANS//Q20296
 F-NT2RP3000046//POSSIBLE THIOPHENE AND FURAN OXIDATION PROTEIN THDF//1.4e-25:149:44//
 PSEUDOMONAS PUTIDA//P25755
 10 F-NT2RP3000047//NPL4 PROTEIN//4.7e-48:275:38//SACCHAROMYCES CEREVISIAE (BAKER'S YEAST)//
 P33755
 F-NT2RP3000050//ZINC FINGER PROTEIN 83 (ZINC FINGER PROTEIN HPF1)//3.2e-72:232:59//HOMO SA-
 PIENS (HUMAN)//P51522
 F-NT2RP3000055//MALE SPECIFIC SPERM PROTEIN MST84DB//0.26:57:36//DROSOPHILA MELA-
 15 NOGASTER (FRUIT FLY)//Q01643
 F-NT2RP3000068//HYPOTHETICAL 182.0 KD PROTEIN IN NMD5-HOM6 INTERGENIC REGION//0.0014:66:
 34//SACCHAROMYCES CEREVISIAE (BAKER'S YEAST)//P47170
 F-NT2RP3000072//HYPOTHETICAL 6.7 KD PROTEIN IN NOHA-CSPI INTERGENIC REGION//0.95:49:30//ES-
 CHERICHIA COLI//P77695
 20 F-NT2RP3000080//!!!! ALU SUBFAMILY J WARNING ENTRY !!!!!/5.1e-17:64:68//HOMO SAPIENS (HUMAN)//
 P39188
 F-NT2RP3000085//BIOTIN CARBOXYLASE (EC 6.3.4.14) (A SUBUNIT OF ACETYL-COA CARBOXYLASE (EC
 6.4.1.2)) (ACC)//4.4e-43:169:51//BACILLUS SUBTILIS//P49787
 F-NT2RP3000092//CELL DIVISION CONTROL PROTEIN 1//0.00016:103:31//SACCHAROMYCES CEREVI-
 25 SIAE (BAKER'S YEAST)//P40986
 F-NT2RP3000109//ACYL CARRIER PROTEIN HOMOLOG (ACP)//0.76:83:28//MYCOPLASMA GENITALIUM//
 P47529
 F-NT2RP3000134
 F-NT2RP3000142//GAR2 PROTEIN//0.00098:241:20//SCHIZOSACCHAROMYCES POMBE (FISSION
 30 YEAST)//P41891
 F-NT2RP3000149//ATP SYNTHASE PROTEIN 8 (EC 3.6.1.34) (A6L)//0.0014:33:36//PONGO PYGMAEUS ABE-
 LII (SUMATRAN ORANGUTAN)//P92694
 F-NT2RP3000186//!!!! ALU SUBFAMILY J WARNING ENTRY !!!!!/8.3e-15:36:83//HOMO SAPIENS (HUMAN)//
 P39188
 35 F-NT2RP3000197//HYPOTHETICAL 6.0 KD PROTEIN IN THI2-5'REGION//0.91:21:52//SACCHAROMYCES
 CEREVISIAE (BAKER'S YEAST)//P53820
 F-NT2RP3000207//GLUCOAMYLASE S1/S2 PRECURSOR (EC 3.2.1.3) (GLUCAN 1,4-ALPHA- GLUCOSI-
 DASE) (1,4-ALPHA-D-GLUCAN GLUCOHYDROLASE)//0.026:209:27//SACCHAROMYCES CEREVISIAE
 (BAKER'S YEAST)//P08640
 40 F-NT2RP3000220//DNA-BINDING P52/P100 COMPLEX, 100 KD SUBUNIT (FRAGMENTS)//1.0:26:42//HOMO
 SAPIENS (HUMAN)//P30808
 F-NT2RP3000233//RING CANAL PROTEIN (KELCH PROTEIN)//2.1e-42:249:39//DROSOPHILA MELA-
 NOGASTER (FRUIT FLY)//Q04652
 F-NT2RP3000235//HOMEBOX PROTEIN H40 (FRAGMENT)//0.55:45:40//APIS MELLIFERA (HONEYBEE)//
 45 P15858
 F-NT2RP3000247//HYPOTHETICAL PROTEIN KIAA0218//1.7e-82:123:69//HOMO SAPIENS (HUMAN)//
 Q93075
 F-NT2RP3000251//SERINE PROTEINASE STUBBLE (EC 3.4.21.-) (STUBBLE-STUBBLOID PROTEIN)//1.0:53:
 33//DROSOPHILA MELANOGASTER (FRUIT FLY)//Q05319
 50 F-NT2RP3000252//HYPOTHETICAL 40 KD GTP-BINDING PROTEIN IN RIBOSOMAL PROTEIN GENE CLUS-
 TER 5'REGION//2.2e-06:96:32//HALOBACTERIUM CUTIRUBRUM//P17103
 F-NT2RP3000255//HISTONE H1.1 (FRAGMENT)//0.95:71:33//BOS TAURUS (BOVINE)//P02253
 F-NT2RP3000267//HYPOTHETICAL 21.1 KD PROTEIN IN SSR-SERA INTERGENIC REGION (O182)//0.38:77:
 33//ESCHERICHIA COLI//P09160
 55 F-NT2RP3000299//MYOSIN IC HEAVY CHAIN//1.2e-11:147:34//ACANTHAMOEBA CASTELLANII (AMOEBA)//
 P10569
 F-NT2RP3000312//HYPOTHETICAL 57.5 KD PROTEIN IN VMA7-RPS25A INTERGENIC REGION//0.64:216:
 29//SACCHAROMYCES CEREVISIAE (BAKER'S YEAST)//P53214

F-NT2RP3000320//TRANSLATION INITIATION FACTOR IF-2.//5.2e-05:184:22//AQUIFEX AEOLICUS//O67825
 F-NT2RP3000324//HYPOTHETICAL PROTEIN HI1036.//0.69:64:35//HAEMOPHILUS INFLUENZAE//P44097
 F-NT2RP3000333//WIR1A PROTEIN.//0.35:51:41//TRITICUM AESTIVUM (WHEAT)//Q01482
 F-NT2RP3000341//!!!! ALU SUBFAMILY SB WARNING ENTRY !!!!!//2.1e-30:57:80//HOMO SAPIENS (HUMAN)//
 5 P39189
 F-NT2RP3000348
 F-NT2RP3000350//HYPOTHETICAL 40 KD GTP-BINDING PROTEIN IN RIBOSOMAL PROTEIN GENE CLUS-
 TER 5'REGION.//0.0011:77:35//HALOBACTERIUM CUTIRUBRUM//P17103
 F-NT2RP3000359//GTP:AMP PHOSPHOTRANSFERASE MITOCHONDRIAL (EC 2.7.4.10) (AK3)//1.2e-97:222:
 10 84//BOS TAURUS (BOVINE)//P08760
 F-NT2RP3000361//PRE-MRNA SPLICING FACTOR PRP6.//2.2e-08:128:28//SACCHAROMYCES CEREVISIAE
 (BAKER'S YEAST)//P19735
 F-NT2RP3000366//RAS-RELATED PROTEIN RAB-18.//2.1e-107:206:99//MUS MUSCULUS (MOUSE)//P35293
 F-NT2RP3000393//HOMEBOX PROTEIN HOX-C4 (HOX-3E) (CP19)//0.0023:36:52//HOMO SAPIENS (HU-
 15 MAN)//P09017
 F-NT2RP3000397//PUTATIVE PRE-MRNA SPLICING FACTOR RNA HELICASE (DEAH BOX PROTEIN 13)//
 5.5e-27:116:44//MUS MUSCULUS (MOUSE)//O35286
 F-NT2RP3000403//PRE-MRNA PROCESSING PROTEIN PRP40//0.00044:67:34//SACCHAROMYCES CERE-
 VISIAE (BAKER'S YEAST)//P33203
 20 F-NT2RP3000418//RETROVIRUS-RELATED POL POLYPROTEIN [CONTAINS: REVERSE TRANSCRIPTASE
 (EC 2.7.7.49); ENDONUCLEASE]//2.2e-16:228:34//MUS MUSCULUS (MOUSE)//P11369
 F-NT2RP3000433//!!!! ALU SUBFAMILY J WARNING ENTRY !!!!!//1.7e-17:79:55//HOMO SAPIENS (HUMAN)//
 P39188
 F-NT2RP3000439//HYPOTHETICAL 46.4 KD PROTEIN IN FFH-GRPE INTERGENIC REGION//9.8e-10:201:
 25 26//ESCHERICHIA COLI//P37908
 F-NT2RP3000441//PROTEIN-EXPORT MEMBRANE PROTEIN SECG.HOMOLOG.//0.91:48:35//MYCOBACTE-
 RIUM LEPRAE//P38388
 F-NT2RP3000449//HOMEBOX PROTEIN HOX-B8 (CHOX-2.4) (FRAGMENT)//1.0:42:33//GALLUS GALLUS
 (CHICKEN)//P23681
 30 F-NT2RP3000451
 F-NT2RP3000456//COLLAGEN ALPHA 1(I) CHAIN
 (FRAGMENTS)//0.00018:178:36//RATTUS NORVEGICUS (RAT)//P02454
 F-NT2RP3000484//METALLOTHIONEIN-III (MT-III) (GROWTH INHIBITORY FACTOR) (GIF)//0.098:40:27//BOS
 TAURUS (BOVINE)//P37359
 35 F-NT2RP3000487//SULFATED SURFACE GLYCOPROTEIN 185 (SSG 185)//0.00037:16:81//VOLVOX CART-
 ERI//P21997
 F-NT2RP3000512
 F-NT2RP3000526//HYPOTHETICAL NIN REGION PROTEIN ORF56.//0.51:37:43//BACTERIOPHAGE LAMB-
 DA//P03769
 40 F-NT2RP3000527//ZINC FINGER PROTEIN 83 (ZINC FINGER PROTEIN HPF1)//1.0e-16:234:30//HOMO SA-
 PIENS (HUMAN)//P51522
 F-NT2RP3000531//POLIOVIRUS RECEPTOR PRECURSOR (CD155 ANTIGEN)//3.4e-15:192:30//HOMO SA-
 PIENS (HUMAN)//P15151
 F-NT2RP3000542//CYTOCHROME C OXIDASE POLYPEPTIDE II (EC 1.9.3.1) (FRAGMENT)//0.60:51:39//AS-
 45 TERINA PECTINIFERA (STARFISH)//P11958
 F-NT2RP3000561//HYPOTHETICAL ATP-BINDING PROTEIN MJ0423.//0.79:53:32//METHANOCOCCUS JAN-
 NASCHII//Q57866
 F-NT2RP3000562//ACCESSORY GLAND PEPTIDE PRECURSOR (PARAGONIAL PEPTIDE B)//0.99:26:34//
 DROSOPHILA MAURITIANA (FRUIT FLY), AND DROSOPHILA SIMULANS (FRUIT FLY)//O18666
 50 F-NT2RP3000578//HYPOTHETICAL 49.8 KD PROTEIN IN RPL14B-GPA1 INTERGENIC REGION//1.5e-26:127:
 37//SACCHAROMYCES CEREVISIAE (BAKER'S YEAST)//P38755
 F-NT2RP3000582
 F-NT2RP3000584//METALLOTHIONEIN-II (MT-II)//0.28:27:29//MUS MUSCULUS (MOUSE)//P02798
 F-NT2RP3000590//UVS-2 PROTEIN//4.8e-10:113:33//NEUROSPORA CRASSA//P33288
 55 F-NT2RP3000592//TRANSCRIPTION INITIATION FACTOR TFIID 135 KD SUBUNIT (TAFII-135) (TAFII135)
 (TAFII-130) (TAFII130)//0.00087:178:31//HOMO SAPIENS (HUMAN)//O00268
 F-NT2RP3000596//YEMANUCLEIN-ALPHA.//1.8e-05:98:34//DROSOPHILA MELANOGASTER (FRUIT FLY)//
 P25992

EP 1 074 617 A2

F-NT2RP3000599//SPLICEOSOME ASSOCIATED PROTEIN 62 (SAP 62) (SF3A66)//0.00095:90:37//HOMO
 SAPIENS (HUMAN)//Q15428
 F-NT2RP3000603//5E5 ANTIGEN//1.0e-09:181:34//RATTUS NORVEGICUS (RAT)//Q63003
 F-NT2RP3000605//STEROL REGULATORY ELEMENT BINDING PROTEIN-1 (SREBP-1) (STEROL REGULA-
 5 TORY ELEMENT-BINDING TRANSCRIPTION FACTOR 1)//0.00098:76:34//HOMO SAPIENS (HUMAN)//
 P36956
 F-NT2RP3000622//HYPOTHETICAL PROTEIN MG096 HOMOLOG 5 (P02_ORF427)//0.15:52:36//MYCOPLAS-
 MA PNEUMONIAE//P75277
 F-NT2RP3000624//HYPOTHETICAL PROTEIN KIAA0256//5.4e-16:222:31//HOMO SAPIENS (HUMAN)//
 10 Q93073
 F-NT2RP3000628
 F-NT2RP3000632//ZINC FINGER PROTEIN 90 (ZFP-90) (ZINC FINGER PROTEIN NK10)//2.0e-16:52:63//MUS
 MUSCULUS (MOUSE)//Q61967
 F-NT2RP3000644//!!!! ALU SUBFAMILY SQ WARNING ENTRY!!!!//6.7e-40:102:79//HOMO SAPIENS (HU-
 15 MAN)//P39194
 F-NT2RP3000661//HYPOTHETICAL 139.1 KD PROTEIN C08B11.3 IN CHROMOSOME II//6.0e-08:83:36//
 CAENORHABDITIS ELEGANS//Q09441
 F-NT2RP3000665//HOMEODOMAIN PROTEIN PROPHET OF PIT-1 (PROP-1) (PITUITARY SPECIFIC HOMEODO-
 MAIN FACTOR)//0.13:48:35//HOMO SAPIENS (HUMAN)//O75360
 20 F-NT2RP3000685//HYPOTHETICAL 33.5 KD PROTEIN IN CAT1 5' REGION (ORFY)//0.26:202:23//CLOSTRID-
 IUM KLUYVERI//P38943
 F-NT2RP3000690//INORGANIC PYROPHOSPHATASE (EC 3.6.1.1) (PYROPHOSPHATE PHOSPHO- HYDRO-
 LASE) (PPASE)//0.99:131:26//SACCHAROMYCES CEREVISIAE (BAKER'S YEAST)//P00817
 F-NT2RP3000736//HYPOTHETICAL 28.7 KD PROTEIN IN RNR3-ARC15 INTERGENIC REGION//3.5e-27:211:
 25 34//SACCHAROMYCES CEREVISIAE (BAKER'S YEAST)//P40516
 F-NT2RP3000739//HYPOTHETICAL 33.5 KD PROTEIN, C1D4.02C, IN CHROMOSOME I//6.0e-23:114:42//
 SCHIZOSACCHAROMYCES POMBE (FISSION YEAST)//Q10149
 F-NT2RP3000742//1-PHOSPHATIDYLINOSITOL-4,5-BISPHOSPHATE PHOSPHODIESTERASE DELTA 1 (EC
 3.1.4.11) (PLC-DELTA-1) (PHOSPHOLIPASE C-DELTA-1) (PLC-III)//6.7e-12:85:36//RATTUS NORVEGICUS
 30 (RAT)//P10688
 F-NT2RP3000753//CELL SURFACE GLYCOPROTEIN 1 PRECURSOR (OUTER LAYER PROTEIN B) (S-LAYER
 PROTEIN 1)//0.00011:208:28//CLOSTRIDIUM THERMOCELLUM//Q06852
 F-NT2RP3000759//ADP-RIBOSYLATION FACTOR 6//8.1e-28:141:38//GALLUS GALLUS (CHICKEN)//P26990
 F-NT2RP3000815//CYTOCHROME C-551 (C551) (CYTOCHROME C8)//0.24:45:37//PSEUDOMONAS DENI-
 35 TRIFICANS//P00103
 F-NT2RP3000825//ALPHA-LACTALBUMIN (LACTOSE SYNTHASE B PROTEIN (EC 2.4.1.22))//0.82:51:39//
 MACROPUS RUFUGRISEUS (RED-NECKED WALLABY)//P07458
 F-NT2RP3000826//COLLAGEN ALPHA 1(XII) CHAIN (FRAGMENTS)//0.025:79:37//BOS TAURUS (BOVINE)//
 P25508
 40 F-NT2RP3000836//HYPOTHETICAL PROTEIN IN KSGA 3' REGION (ORF L5) (FRAGMENT)//0.85:36:47//MYC-
 OPLASMA CAPRICOLUM//P43040
 F-NT2RP3000841//UDP-GLUCURONOSYLTRANSFERASE 1-7 PRECURSOR, MICROSOMAL (EC 2.4.1.17)
 (UDPGT) (UGT1*7) (UGT1-07) (UGT1.7) (UGT1A7) (UGTP4) (FRAGMENT)//1.0:70:34//MUS MUSCULUS
 (MOUSE)//Q62452
 45 F-NT2RP3000845//PUTATIVE SERINE/THREONINE-PROTEIN KINASE P78 (EC 2.7.1.-)//5.2e-72:247:61//HO-
 MO SAPIENS (HUMAN)//P27448
 F-NT2RP3000847//HYPOTHETICAL PROTEIN KIAA0161//0.037:55:30//HOMO SAPIENS (HUMAN)//P50876
 F-NT2RP3000850//!!!! ALU SUBFAMILY SQ WARNING ENTRY!!!!//7.4e-31:90:75//HOMO SAPIENS (HUMAN)//
 P39194
 50 F-NT2RP3000852//HYDROPHOBIC SEED PROTEIN (HPS)//0.33:23:69//GLYCINE MAX (SOYBEAN)//P24337
 F-NT2RP3000859//IMMEDIATE-EARLY PROTEIN//3.6e-07:189:25//HERPESVIRUS SAIMIRI (STRAIN 11)//
 Q01042
 F-NT2RP3000865
 F-NT2RP3000868//MYOSIN HEAVY CHAIN, CARDIAC MUSCLE ISOFORM (FRAGMENT)//1.4e-09:232:28//
 55 GALLUS GALLUS (CHICKEN)//P29616
 F-NT2RP3000869//CUTICLE COLLAGEN 2//4.5e-08:58:46//CAENORHABDITIS ELEGANS//P17656
 F-NT2RP3000875//HOMEODOMAIN PROTEIN CDX-2 (CAUDAL-TYPE HOMEODOMAIN PROTEIN 2)//0.90:62:37//
 MUS MUSCULUS (MOUSE)//P43241

- F-NT2RP3000901//COLLAGEN ALPHA 1(I) CHAIN (FRAGMENTS)//0.99:124:33//BOS TAURUS (BOVINE)//P02453
- F-NT2RP3000904
- 5 F-NT2RP3000917//DHP1 PROTEIN//6.5e-60:229:55//SCHIZOSACCHAROMYCES POMBE (FISSION YEAST)//P40848
- F-NT2RP3000919//HYPOTHETICAL 33.5 KD PROTEIN C1D4.02C IN CHROMOSOME I//2.4e-19:159:34//SCHIZOSACCHAROMYCES POMBE (FISSION YEAST)//Q10149
- F-NT2RP3000968//40S RIBOSOMAL PROTEIN S15A//3.7e-48:73:98//HOMO SAPIENS (HUMAN), AND RATTUS NORVEGICUS (RAT)//P39027
- 10 F-NT2RP3000980//COPA/INCA PROTEIN (REPA3 PROTEIN)//0.24:19:47//ESCHERICHIA COLI//P13946
- F-NT2RP3000994//MATERNAL EFFECT PROTEIN STAUFEN//1.4e-10:78:48//DROSOPHILA MELANOGASTER (FRUIT FLY)//P25159
- F-NT2RP3001004//HYPOTHETICAL 7.6 KD PROTEIN B0563.8 IN CHROMOSOME X//0.70:50:32//CAENORHABDITIS ELEGANS//Q11084
- 15 F-NT2RP3001007
- F-NT2RP3001055//N-TERMINAL ACETYLTRANSFERASE COMPLEX ARD1 SUBUNIT HOMOLOG//1.3e-05:138:28//DICTYOSTELIUM DISCOIDEUM (SLIME MOLD)//P36416
- F-NT2RP3001057//ZINC FINGER PROTEIN 45 (BRC1744)//4.0e-28:141:51//HOMO SAPIENS (HUMAN)//Q02386
- 20 F-NT2RP3001081//HYPOTHETICAL 46.4 KD PROTEIN T16H12.5 IN CHROMOSOME III//3.8e-08:144:29//CAENORHABDITIS ELEGANS//P34568
- F-NT2RP3001084//SPIDROIN 2 (DRAGLINE SILK FIBROIN 2) (FRAGMENT)//3.4e-06:217:32//NEPHILA CLAVIPES (ORB SPIDER)//P46804
- F-NT2RP3001096//SYNAPTONEMAL COMPLEX PROTEIN SC65//1.1e-30:244:33//RATTUS NORVEGICUS (RAT)//Q64375
- 25 F-NT2RP3001107//ARYLSULFATASE F (EC 3.1.6.-) (ASF) (FRAGMENT)//0.041:47:44//HOMO SAPIENS (HUMAN)//P54793
- F-NT2RP3001109
- F-NT2RP3001111//MALE SPECIFIC SPERM PROTEIN MST84DC//0.17:28:39//DROSOPHILA MELANOGASTER (FRUIT FLY)//Q01644
- 30 F-NT2RP3001113//INVOLUCRIN//0.00036:192:23//MUS MUSCULUS (MOUSE)//P48997
- F-NT2RP3001115
- F-NT2RP3001116//AMINOPEPTIDASE G (EC 3.4.11.-) (FRAGMENT)//0.99:29:51//STREPTOMYCES LIVIDANS//Q54340
- 35 F-NT2RP3001119//COLLAGEN ALPHA 4(IV) CHAIN (FRAGMENT)//0.0015:73:39//BOS TAURUS (BOVINE)//Q29442
- F-NT2RP3001120//ZINC FINGER PROTEIN ZFP-36 (FRAGMENT)//1.3e-57:229:52//HOMO SAPIENS (HUMAN)//P16415
- F-NT2RP3001126//HYPOTHETICAL 91.2 KD PROTEIN IN RPS4B-SCH9 INTERGENIC REGION//2.8e-07:83:34//SACCHAROMYCES CEREVISIAE (BAKER'S YEAST)//P38888
- 40 F-NT2RP3001133//CALCIUM BINDING PROTEIN//2.0e-08:171:32//DICTYOSTELIUM DISCOIDEUM (SLIME MOLD)//P35085
- F-NT2RP3001140//F-SPONDIN PRECURSOR//2.0e-147:244:97//RATTUS NORVEGICUS (RAT)//P35446
- F-NT2RP3001147//TROPOMYOSIN 2 (TMII)//0.11:159:23//SCHISTOSOMA MANSONI (BLOOD FLUKE)//P42638
- 45 F-NT2RP3001150//OCTAPEPTIDE-REPEAT PROTEIN T2//6.2e-09:163:25//MUS MUSCULUS (MOUSE)//Q06666
- F-NT2RP3001155//DNA POLYMERASE ALPHA-BINDING PROTEIN (POB1/CTF4 PROTEIN) (CHROMOSOME REPLICATION PROTEIN CHL15)//4.1e-05:244:23//SACCHAROMYCES CEREVISIAE (BAKER'S YEAST)//Q01454
- 50 F-NT2RP3001176//LEUKOSIALIN PRECURSOR (LEUCOCYTE SIALOGLYCOPROTEIN) (SIALOPHORIN) (CD43) (LY 48) (B CELL DIFFERENTIATION ANTIGEN LP-3)//0.21:136:26//MUS MUSCULUS (MOUSE)//P15702
- F-NT2RP3001214//SAP1 PROTEIN//0.058:133:30//SACCHAROMYCES CEREVISIAE (BAKER'S YEAST)//P39955
- 55 F-NT2RP3001216//CYLICIN I (MULTIPLE-BAND POLYPEPTIDE I) (FRAGMENT)//2.1e-08:137:33//HOMO SAPIENS (HUMAN)//P35663
- F-NT2RP3001221//GAMMA-BUTYROBETAINE,2-OXOGLUTARATE DIOXYGENASE (EC 1.14.11.1) (GAMMA-

BUTYROBETAIN HYDROXYLASE) //4.2e-05:131:26//PSEUDOMONAS SP. (STRAIN AK-1) //P80193
 F-NT2RP3001232//HYPOTHETICAL PROTEIN PRECURSOR IN CS5 3'REGION (FRAGMENT) //0.75:57:31//
 ESCHERICHIA COLI //P33792
 5 F-NT2RP3001236//TRANSFORMING PROTEIN MAF //0.017:136:30//AVIAN MUSCULOAPONEUROTIC FIB-
 ROSARCOMA VIRUS AS42 //P23091
 F-NT2RP3001239//ELECTROMOTOR NEURON-ASSOCIATED PROTEIN 1 (FRAGMENT) //4.2e-55:221:49//
 TORPEDO CALIFORNICA (PACIFIC ELECTRIC RAY) //P14400
 F-NT2RP3001245
 F-NT2RP3001253//TROPOMYOSIN 2, MUSCLE THORACIC ISOFORM (TROPOMYOSIN I) //0.0042:142:24//
 10 DROSOPHILA MELANOGASTER (FRUIT FLY) //P09491
 F-NT2RP3001260//COLLAGEN ALPHA 4(IV) CHAIN PRECURSOR //0.0011:89:43//HOMO SAPIENS (HU-
 MAN) //P53420
 F-NT2RP3001268//ZINC FINGER PROTEIN 45 (BRC1744) //9.0e-29:194:44//HOMO SAPIENS (HUMAN) //
 Q02386
 15 F-NT2RP3001272//HYPOTHETICAL 75.2 KD PROTEIN C13F4.08C IN CHROMOSOME I //8.2e-17:183:26//
 SCHIZOSACCHAROMYCES POMBE (FISSION YEAST) //Q10199
 F-NT2RP3001274//SERINE/THREONINE PROTEIN PHOSPHATASE 5 (EC 3.1.3.16) (PP5) (PROTEIN PHOS-
 PHATASE T) (PPT) (FRAGMENT) //1.7e-09:78:39//MUS MUSCULUS (MOUSE) //Q60676
 F-NT2RP3001281//!!!! ALU SUBFAMILY J WARNING ENTRY!!!! //7.7e-08:38:71//HOMO SAPIENS (HUMAN) //
 20 P39188
 F-NT2RP3001297//HYPOTHETICAL PROTEIN KIAA0281 (HA6725) //2.2e-57:159:70//HOMO SAPIENS (HU-
 MAN) //Q92556
 F-NT2RP3001307//SPERM PROTAMINE P1 //0.21:46:39//ORNITHORHYNCHUS ANATINUS (DUCKBILL PLAT-
 YPUS) //P35307
 25 F-NT2RP3001318
 F-NT2RP3001325//ENHANCER OF RUDIMENTARY HOMOLOG //1.0:73:24//BRACHYDANIO RERIO (ZE-
 BRAFISH) (ZEBRA DANIO) //Q98874
 F-NT2RP3001338//ZINC FINGER PROTEIN 29 (ZINC FINGER PROTEIN KOX26) (FRAGMENT) //0.0021:56:
 35//HOMO SAPIENS (HUMAN) //P17037
 30 F-NT2RP3001339//CITRON PROTEIN //3.6e-06:90:33//MUS MUSCULUS (MOUSE) //P49025
 F-NT2RP3001340//HYPOTHETICAL PROTEIN UL61 //7.2e-11:202:34//HUMAN CYTOMEGALOVIRUS
 (STRAIN AD169) //P16818
 F-NT2RP3001355//TRICARBOXYLATE TRANSPORT PROTEIN PRECURSOR (CITRATE TRANSPORT PRO-
 TEIN) (CTP) (TRICARBOXYLATE CARRIER PROTEIN) //7.7e-16:129:33//HOMO SAPIENS (HUMAN) //P53007
 35 F-NT2RP3001356//RAS-RELATED PROTEIN RABA (FRAGMENT) //0.00041:66:28//DICTYOSTELIUM DISCOI-
 DEUM (SLIME MOLD) //P34141
 F-NT2RP3001374
 F-NT2RP3001383//PTB-ASSOCIATED SPLICING FACTOR (PSF) //2.5e-06:190:32//HOMO SAPIENS (HU-
 MAN) //P23246
 40 F-NT2RP3001384//CHORION PROTEIN S15 //0.00079:94:37//DROSOPHILA VIRILIS (FRUIT FLY) //P13424
 F-NT2RP3001392//VPU PROTEIN (ORF-X PROTEIN) (UPX PROTEIN) //1.0:22:45//CAPRINE ARTHRITIS EN-
 CEPHALITIS VIRUS (CAEV) //P31834
 F-NT2RP3001396//HYPOTHETICAL 8.1 KD PROTEIN (ORF4) //1.0:37:32//STRAWBERRY MILD YELLOW
 EDGE-ASSOCIATED VIRUS (SMYEA) //Q00848
 45 F-NT2RP3001398//KRUEPPEL-RELATED ZINC FINGER PROTEIN 2 (HKR2 PROTEIN) (FRAGMENT) //1.9e-
 08:45:37//HOMO SAPIENS (HUMAN) //P10073
 F-NT2RP3001399//SSU72 PROTEIN //7.3e-18:84:52//SACCHAROMYCES CEREVISIAE (BAKER'S YEAST) //
 P53538
 F-NT2RP3001407//SCY1 PROTEIN //1.5e-08:143:25//SACCHAROMYCES CEREVISIAE (BAKER'S YEAST) //
 50 P53009
 F-NT2RP3001420//HYPOTHETICAL 7.9 KD PROTEIN //0.25:41:26//VACCINIA VIRUS (STRAIN COPENHA-
 GEN) //P20542
 F-NT2RP3001426//DNAJ PROTEIN //7.5e-15:78:43//HAEMOPHILUS INFLUENZAE //P43735
 F-NT2RP3001427//WERNER SYNDROME HELICASE //3.6e-13:159:33//HOMO SAPIENS (HUMAN) //Q14191
 55 F-NT2RP3001428//NUCLEOPROTEIN TPR //1.8e-53:117:99//HOMO SAPIENS (HUMAN) //P12270
 F-NT2RP3001432//NADH-UBIQUINONE OXIDOREDUCTASE CHAIN 5 (EC 1.6.5.3) (FRAGMENT) //0.96:52:
 21//TARSIVUS SYRICHTA (TARSIER) //Q36151
 F-NT2RP3001447//HYPOTHETICAL 5.5 KD PROTEIN IN REPLICATION ORIGIN REGION (ORF1) //0.96:45:35//

ESCHERICHIA COLI//P14505
 F-NT2RP3001449//HOMEBOX PROTEIN SAX-1 (CHOX-3) (FRAGMENT)//0.0043:53:43//GALLUS GALLUS (CHICKEN)//P19601
 5 F-NT2RP3001453//MALE SPECIFIC SPERM PROTEIN MST84DB//0.0048:65:40//DROSOPHILA MELANOGASTER (FRUIT FLY)//Q01643
 F-NT2RP3001457//VACUOLAR PROTEIN SORTING-ASSOCIATED PROTEIN VPS28//0.55:121:20//SACCHAROMYCES CEREVISIAE (BAKER'S YEAST)//Q02767
 F-NT2RP3001459//MYOSIN IC HEAVY CHAIN//0.10:126:34//ACANTHAMOEBA CASTELLANII (AMOEBA)//P10569
 10 F-NT2RP3001472//NONHISTONE CHROMOSOMAL PROTEIN 6A//3.0e-14:87:43//SACCHAROMYCES CEREVISIAE (BAKER'S YEAST)//P11632
 F-NT2RP3001490//METALLOTHIONEIN-LIKE PROTEIN LSC54//1.0:39:35//BRASSICA NAPUS (RAPE)//P43402
 F-NT2RP3001495//UBIQUITIN--PROTEIN LIGASE RSP5 (EC 6.3.2.-)//3.3e-14:148:35//SACCHAROMYCES CEREVISIAE (BAKER'S YEAST)//P39940
 15 F-NT2RP3001497//COLLAGEN ALPHA 1(XII) CHAIN (FRAGMENTS)//0.13:44:38//BOS TAURUS (BOVINE)//P25508
 F-NT2RP3001527//SPERM PROTAMINE P1//0.35:29:37//DIDELPHIS MARSUPIALIS VIRGINIANA (NORTH AMERICAN OPOSSUM), AND MONODELPHIS DOMESTICA (SHORT-TAILED GREY OPOSSUM)//P35305
 20 F-NT2RP3001529//HYPOTHETICAL 43.3 KD GTP-BINDING PROTEIN IN DACB-RPMA INTERGENIC REGION//3.3e-21:125:37//ESCHERICHIA COLI//P42641
 F-NT2RP3001538//HNF3/FH TRANSCRIPTION FACTOR GENESIS (WINGED HELIX PROTEIN CWH-3)//0.13:53:39//GALLUS GALLUS (CHICKEN)//P79772
 F-NT2RP3001554//ELECTROMOTOR NEURON-ASSOCIATED PROTEIN 2 (FRAGMENT)//2.3e-48:137:52//TORPEDO CALIFORNICA (PACIFIC ELECTRIC RAY)//P14401
 25 F-NT2RP3001580//GERM CELL-LESS PROTEIN//8.2e-18:100:42//DROSOPHILA MELANOGASTER (FRUIT FLY)//Q01820
 F-NT2RP3001587//UBIQUITIN-ACTIVATING ENZYME E1-LIKE (POLYMERASE-INTERACTING PROTEIN 2)//2.0e-47:188:51//SACCHAROMYCES CEREVISIAE (BAKER'S YEAST)//P52488
 30 F-NT2RP3001589//!!!! ALU SUBFAMILY SP WARNING ENTRY !!!!!//7.4e-41:87:80//HOMO SAPIENS (HUMAN)//P39193
 F-NT2RP3001607//ATP SYNTHASE PROTEIN 8 (EC 3.6.1.34) (A6L)//1.0:49:32//DICENTRARCHUS LABRAX (EUROPEAN SEA BASS)//Q36362
 F-NT2RP3001608//EXTENSIN PRECURSOR (PROLINE-RICH GLYCOPROTEIN)//0.0013:177:25//ZEA MAYS (MAIZE)//P14918
 35 F-NT2RP3001621//MALE SPECIFIC SPERM PROTEIN MST84DD//0.84:29:37//DROSOPHILA MELANOGASTER (FRUIT FLY)//Q01645
 F-NT2RP3001629//RAS-RELATED C3 BOTULINUM TOXIN SUBSTRATE 1 (P21-RAC1) (FRAGMENTS)//0.91:57:24//CAVIA PORCELLUS (GUINEA PIG)//P80236
 40 F-NT2RP3001634//!!!! ALU SUBFAMILY SB WARNING ENTRY !!!!!//8.9e-11:73:54//HOMO SAPIENS (HUMAN)//P39189
 F-NT2RP3001642//HYPOTHETICAL PROTEIN KIAA0210//1.1e-12:117:29//HOMO SAPIENS (HUMAN)//Q92609
 F-NT2RP3001646//HYPOTHETICAL 29.3 KD PROTEIN (ORF92)//0.0092:69:34//ORGYIA PSEUDOTSUGATA MULTICAPSID POLYHEDROSIS VIRUS (OPMNPV)//O10341
 45 F-NT2RP3001671//RING CANAL PROTEIN (KELCH, PROTEIN)//0.0042:55:41//DROSOPHILA MELANOGASTER (FRUIT FLY)//Q04652
 F-NT2RP3001672
 F-NT2RP3001676//GTP-BINDING PROTEIN LEPA (FRAGMENT)//1.2e-15:56:62//PSEUDOMONAS FLUORESCENS//P26843
 50 F-NT2RP3001678//SPIDROIN 2 (DRAGLINE SILK FIBROIN 2) (FRAGMENT)//0.054:187:31//NEPHILA CLAVIPES (ORB SPIDER)//P46804
 F-NT2RP3001679//HYPOTHETICAL 68.7 KD PROTEIN ZK757.1 IN CHROMOSOME III//1.5e-07:63:44//CAENORHABDITIS ELEGANS//P34679
 55 F-NT2RP3001688//GLUCOAMYLASE S1 PRECURSOR (EC 3.2.1.3) (GLUCAN 1,4-ALPHA-GLUCOSIDASE) (1,4-ALPHA-D-GLUCAN GLUCOHYDROLASE) (GAI)//1.0:83:28//SACCHAROMYCES DIASTATICUS (YEAST)//P04065
 F-NT2RP3001690//MYOSIN HEAVY CHAIN, CARDIAC MUSCLE BETA ISOFORM//0.021:247:24//HOMO SA-

PIENS (HUMAN)//P12883
 F-NT2RP3001698
 F-NT2RP3001708//TWISTED GASTRULATION PROTEIN PRECURSOR//7.7e-12:73:43//DROSOPHILA MEL-
 ANOASTER (FRUIT FLY)//P54356
 5 F-NT2RP3001712//CEC-1 PROTEIN//1.9e-07:121:29//CAENORHABDITIS ELEGANS//P34618
 F-NT2RP3001716//SALIVARY GLUE PROTEIN SGS-3 PRECURSOR//0.89:54:40//DROSOPHILA SIMULANS
 (FRUIT FLY)//P13729
 F-NT2RP3001724//CHROMODOMAIN-HELICASE-DNA-BINDING PROTEIN 1 (CHD-1)//7.5e-41:164:48//HO-
 MO SAPIENS (HUMAN)//O14646
 10 F-NT2RP3001727//HYPOTHETICAL 37.7 KD PROTEIN ZK686:3 IN CHROMOSOME III//1.5e-51:240:41//
 CAENORHABDITIS ELEGANS//P34669
 F-NT2RP3001730//SEPTIN 2 HOMOLOG (FRAGMENT)//2.4e-122:267:86//HOMO SAPIENS (HUMAN)//
 Q14141
 F-NT2RP3001739//INTESTINAL SODIUM/DICARBOXYLATE COTRANSPORTER (NA(+)/DICARBOXYLATE
 15 COTRANSPORTER)//0.99:63:34//RATTUS NORVEGICUS (RAT)//P70545
 F-NT2RP3001752//!!!! ALU SUBFAMILY SP WARNING ENTRY !!!!!/4.0e-21:60:85//HOMO SAPIENS (HUMAN)//
 P39193
 F-NT2RP3001753//HYPOTHETICAL PROTEIN KIAA0127//7.9e-12:83:44//HOMO SAPIENS (HUMAN)//
 Q14140
 20 F-NT2RP3001764//DUAL SPECIFICITY PROTEIN PHOSPHATASE 6 (EC 3.1.3.48) (EC 3.1.3.16) (DUAL SPE-
 CIFICITY PROTEIN PHOSPHATASE PYST1)//7.7e-25:146:36//HOMO SAPIENS (HUMAN)//Q16828
 F-NT2RP3001777//SERINE/THREONINE-PROTEIN KINASE STE20-HOMOLOG (EC 2.7.1.-)//0.0096:204:25//
 CANDIDA ALBICANS (YEAST)//Q92212
 F-NT2RP3001782//ATP SYNTHASE PROTEIN 8 (EC 3.6.1.34) (A6L)//0.91:34:44//PONGO PYGMAEUS ABELII
 25 (SUMATRAN ORANGUTAN)//P92694
 F-NT2RP3001792//HETEROGENEOUS NUCLEAR RIBONUCLEOPROTEIN M (HNRNP M)//1.8e-33:159:53//
 HOMO SAPIENS (HUMAN)//P52272
 F-NT2RP3001799//LIGHT-HARVESTING PROTEIN B800/830/1020, ALPHA-2 CHAIN (EHS-ALPHA-2) (ANTEN-
 NA PIGMENT PROTEIN, ALPHA-2 CHAIN)//0.14:46:28//ECTOTHIORHODOSPIRA HALOCHLORIS//P80103
 30 F-NT2RP3001819//PROCOLLAGEN ALPHA 2(I) CHAIN PRECURSOR//0.00030:77:36//HOMO SAPIENS (HU-
 MAN)//P08123
 F-NT2RP3001844//OCTAMER-BINDING TRANSCRIPTION FACTOR 1 (OTF-1) (NF-A1) (FRAGMENT)//0.99:
 43:34//MACROPUS EUGENII (TAMMAR WALLABY)//Q28466
 F-NT2RP3001854//FIBRINOGEN- AND IG-BINDING PROTEIN PRECURSOR (MRP PROTEIN)//9.3e-10:213:
 35 24//STREPTOCOCCUS PYOGENES//P30141
 F-NT2RP3001855//HOMEODOMAIN PROTEIN PKNOX1 (HOMEODOMAIN PROTEIN PREP-1)//2.6e-61:220:60//HO-
 MO SAPIENS (HUMAN)//P55347
 F-NT2RP3001857//VEGETATIBLE INCOMPATIBILITY PROTEIN HET-E-1//1.0e-13:213:24//PODOSPORA AN-
 SERINA//Q00808
 40 F-NT2RP3001896//SPLICEOSOME ASSOCIATED PROTEIN 62 (SAP 62) (SF3A66)//0.074:124:34//HOMO SA-
 PIENS (HUMAN)//Q15428
 F-NT2RP3001898//REGULATORY PROTEIN E2//0.36:131:29//CANINE ORAL PAPILLOMAVIRUS (COPV)//
 Q89420
 F-NT2RP3001915//CHITIN BIOSYNTHESIS PROTEIN CHS5 (CAL3 PROTEIN)//0.0021:237:23//SACCHARO-
 45 MYCES CEREVISIAE (BAKER'S YEAST)//Q12114
 F-NT2RP3001926//HYPOTHETICAL 14.0 KD PROTEIN IN RPL15B-GCR3 INTERGENIC REGION//1.0:63:34//
 SACCHAROMYCES CEREVISIAE (BAKER'S YEAST)//Q03880
 F-NT2RP3001929//!!!! ALU SUBFAMILY SX WARNING ENTRY !!!!!/1.4e-14:35:60//HOMO SAPIENS (HUMAN)//
 P39195
 50 F-NT2RP3001931//HYPOTHETICAL 59.3 KD PROTEIN IN TAP42-ARP9 INTERGENIC REGION//0.86:162:24//
 SACCHAROMYCES CEREVISIAE (BAKER'S YEAST)//Q05040
 F-NT2RP3001938//GLYCOPROTEIN GP50//0.0036:54:40//PSEUDORABIES VIRUS (STRAIN RICE) (PRV)//
 P07645
 F-NT2RP3001943//33.2 KD PROTEIN IN DIND-RPH INTERGENIC REGION (ORF X)//1.0:113:27//ES-
 55 CHERICHIA COLI//P23839
 F-NT2RP3001944//HYPOTHETICAL 47.6 KD PROTEIN C16C10.5 IN CHROMOSOME III//4.1e-56:208:47//
 CAENORHABDITIS ELEGANS//Q09251
 F-NT2RP3001969//PUFF II/9-2 PROTEIN PRECURSOR//0.0078:149:26//SCIARA COPROPHILA (FUNGUS

GNAT)//P22312
 F-NT2RP3001989//SPERM PROTAMINE P1 (CYSTEINE-RICH PROTAMINE)//1.0:41:31//MUS MUSCULUS (MOUSE)//P02319
 F-NT2RP3002002//!!!! ALU SUBFAMILY SX WARNING ENTRY !!!!!/1.2e-44:69:79//HOMO SAPIENS (HUMAN)//P39195
 5 F-NT2RP3002004//TRANSCRIPTION FACTOR BF-2 (BRAIN FACTOR 2) (BF2)//0.00024:45:40//MUS MUSCULUS (MOUSE)//Q61345
 F-NT2RP3002007//TENASCIN PRECURSOR (TN) (HEXABRACHION) (CYTOTACTIN) (NEURONECTIN) (GMEM) (JI) (MIOTENDINOUS ANTIGEN) (GLIOMA-ASSOCIATED-EXTRACELLULAR MATRIX ANTIGEN) (GP 150-225) (TENASCIN-C)//0.21:115:28//HOMO SAPIENS (HUMAN)//P24821
 10 F-NT2RP3002014//HYPOTHETICAL 32.0 KD PROTEIN C09F5.2 IN CHROMOSOME III//1.7e-25:139:48//CAENORHABDITIS ELEGANS//Q09232
 F-NT2RP3002033//ACTIVATOR OF APOPTOSIS HAKIRI (NEURONAL DEATH PROTEIN DP5)//0.14:65:41//HOMO SAPIENS (HUMAN)//O00198
 15 F-NT2RP3002045//ALPHA-ADAPTIN C (CLATHRIN ASSEMBLY PROTEIN COMPLEX 2 ALPHA-C LARGE CHAIN) (100 KD COATED VESICLE PROTEIN C) (PLASMA MEMBRANE ADAPTOR HA2/AP2 ADAPTIN ALPHA C SUBUNIT)//8.1e-108:192:98//MUS MUSCULUS (MOUSE)//P17427
 F-NT2RP3002054//HYPOTHETICAL 35.5 KD PROTEIN IN TRANSPOSON TN4556//0.046:176:31//STREPTOMYCES FRADIAE//P20186
 20 F-NT2RP3002056//140 KD NUCLEOLAR PHOSPHOPROTEIN (NOPP140)//1.4e-07:245:25//RATTUS NORVEGICUS (RAT)//P41777
 F-NT2RP3002057//SMALL HYDROPHOBIC PROTEIN//1.0:12:66//SIMIAN VIRUS 5 (STRAIN W3) (SV5)//P07577
 F-NT2RP3002062//PROTEASE A INHIBITOR 3 (PROTEINASE INHIBITOR I(A)3)//1.0:49:32//SACCHAROMYCES CEREVISIAE (BAKER'S YEAST)//P01094
 25 F-NT2RP3002063//ACYL CARRIER PROTEIN (ACP)//0.99:38:31//HAEMOPHILUS INFLUENZAE//P43709
 F-NT2RP3002081//HYPOTHETICAL 100.5 KD PROTEIN C1B9.04 IN CHROMOSOME I//5.8e-35:253:37//SCHIZOSACCHAROMYCES POMBE (FISSION YEAST)//Q10429
 F-NT2RP3002097//HYPOTHETICAL 98.1 KD PROTEIN IN SPX19-GCR2 INTERGENIC REGION//6.2e-06:99:31//SACCHAROMYCES CEREVISIAE (BAKER'S YEAST)//P40164
 30 F-NT2RP3002102//HYPOTHETICAL 7.4 KD PROTEIN//0.68:34:47//THERMOPROTEUS TENAX VIRUS 1 (STRAIN KRA1) (TTV1)//P19302
 F-NT2RP3002108//HYPOTHETICAL 105.5 KD PROTEIN R13F6.10 IN CHROMOSOME III//7.9e-19:179:34//CAENORHABDITIS ELEGANS//Q21986
 35 F-NT2RP3002142//!!!! ALU SUBFAMILY J WARNING ENTRY !!!!!/2.6e-17:37:75//HOMO SAPIENS (HUMAN)//P39188
 F-NT2RP3002146//CUTICLE COLLAGEN 40//0.00034:90:37//CAENORHABDITIS ELEGANS//P34804
 F-NT2RP3002147//SALIVARY PROLINE-RICH PROTEIN PO PRECURSOR (ALLELE S)//0.011:166:28//HOMO SAPIENS (HUMAN)//P10163
 40 F-NT2RP3002151//G1 TO S PHASE TRANSITION PROTEIN 1 HOMOLOG (GTP-BINDING PROTEIN GST1-HS)//4.8e-11:60:53//HOMO SAPIENS (HUMAN)//P15170
 F-NT2RP3002163//TRANSCRIPTION INITIATION FACTOR TFIID 135 KD SUBUNIT (TAFII-135) (TAFII135) (TAFII-130) (TARII130)//0.028:191:29//HOMO SAPIENS (HUMAN)//O00268
 F-NT2RP3002165//TRANSCRIPTIONAL REGULATOR PROTEIN HCNBP//2.3e-131:223:91//MUS MUSCULUS (MOUSE)//Q02614
 45 F-NT2RP3002166//D-ALANYL CARRIER PROTEIN (DCP)//1.0:65:33//LACTOBACILLUS CASEI//P55153
 F-NT2RP3002173//!!!! ALU SUBFAMILY SQ WARNING ENTRY !!!!!/2.4e-26:114:62//HOMO SAPIENS (HUMAN)//P39194
 F-NT2RP3002181//MALE SPECIFIC SPERM PROTEIN MST84DD//0.25:31:38//DROSOPHILA MELANOGASTER (FRUIT FLY)//Q01645
 50 F-NT2RP3002244//SPERM PROTAMINE P1 (CYSTEINE-RICH PROTAMINE)//0.069:16:62//OVIS ARIES (SHEEP), AND CAPRA HIRCUS (GOAT)//P04102
 F-NT2RP3002248//MICROFIBRILLAR-ASSOCIATED PROTEIN 1 (ASSOCIATED MICROFIBRIL PROTEIN) (AMF)//0.0079:187:24//GALLUS GALLUS (CHICKEN)//P55080
 55 F-NT2RP3002255//PROLINE-RICH PROTEIN MP-3 (FRAGMENT)//4.6e-10:168:34//MUS MUSCULUS (MOUSE)//P05143
 F-NT2RP3002273//SCD6 PROTEIN//1.5e-11:160:33//SACCHAROMYCES CEREVISIAE (BAKER'S YEAST)//P45978

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F-NT2RP3002276//PROBABLE E4 PROTEIN.//0.91:54:29//HUMAN PAPILLOMAVIRUS TYPE 16.//P06922
F-NT2RP3002303//HYPOTHETICAL 30.2 KD PROTEIN C4D7.04C IN CHROMOSOME I.//1.7e-42:191:43//
SCHIZOSACCHAROMYCES POMBE (FISSION YEAST).//O14171
F-NT2RP3002304
5 F-NT2RP3002330//NNP-1 PROTEIN.//0.52:140:18//MUS MUSCULUS (MOUSE).//P56183
F-NT2RP3002343//5E5 ANTIGEN.//0.0056:189:30//RATTUS NORVEGICUS (RAT).//Q63003
F-NT2RP3002351//NAD-DEPENDENT METHYLENETETRAHYDROFOLATE DEHYDROGENASE (EC 1.5.1.15)
/ METHENYLTETRAHYDROFOLATE CYCLOHYDROLASE (EC 3.5.4.9) MITOCHONDRIAL PRECURSOR.//
1.0e-66:196:68//HOMO SAPIENS (HUMAN).//P13995
10 F-NT2RP3002352//PRESYNAPTIC PROTEIN SAP102 (SYNAPSE-ASSOCIATED PROTEIN 102) (NEUROEN-
DOCRINE-DLG) (NE-DLG).//0.79:173:27//HOMO SAPIENS (HUMAN).//Q92796
F-NT2RP3002377//PUTATIVE HELICASE YGR271W.//1.0e-56:216:44//SACCHAROMYCES CEREVISIAE
(BAKER'S YEAST).//P53327
F-NT2RP3002399//MINICHROMOSOME MAINTENANCE PROTEIN 6.//1.4e-19:136:31//SACCHAROMYCES
15 CEREVISIAE (BAKER'S YEAST).//P53091
F-NT2RP3002402//EBNA-6 NUCLEAR PROTEIN (EBNA-3C) (EBNA-4B).//0.74:107:36//EPSTEIN-BARR VIRUS
(STRAIN B95-8) (HUMAN HERPESVIRUS 4).//P03204
F-NT2RP3002455//DNAJ PROTEIN (FRAGMENT).//5.6e-06:57:42//AGROBACTERIUM TUMEFACIENS.//
P50018
20 F-NT2RP3002484//HYPOTHETICAL 46.5 KD PROTEIN C12B10.04 IN CHROMOSOME I.//0.00032:52:48//
SCHIZOSACCHAROMYCES POMBE (FISSION YEAST).//Q10438
F-NT2RP3002501//HYPOTHETICAL 34.9 KD PROTEIN IN FRE2-JEN1 INTERGENIC REGION.//9.4e-42:209:
42//SACCHAROMYCES CEREVISIAE (BAKER'S YEAST).//P36007
F-NT2RP3002512//HYPOTHETICAL 37.4 KD PROTEIN IN GPM1-MCR1 INTERGENIC REGION.//7.7e-32:162:
25 37//SACCHAROMYCES CEREVISIAE (BAKER'S YEAST).//P36059
F-NT2RP3002529//PUTATIVE VACUOLAR PROTEIN SORTING-ASSOCIATED PROTEIN C2G11.03C.//2.1e-45:
241:43//SCHIZOSACCHAROMYCES POMBE (FISSION YEAST).//Q09805
F-NT2RP3002545
F-NT2RP3002549//HYPOTHETICAL 26.6 KD PROTEIN T19C3.4 IN CHROMOSOME III.//2.8e-41:161:52//
30 CAENORHABDITIS ELEGANS.//Q10010
F-NT2RP3002566//IMMEDIATE-EARLY PROTEIN IE180.//0.56:130:24//PSEUDORABIES VIRUS (STRAIN KA-
PLAN) (PRV).//P33479
F-NT2RP3002587
F-NT2RP3002590
35 F-NT2RP3002602//PROTEIN DISULFIDE ISOMERASE PRECURSOR (PDI) (EC 5.3.4.1) (THIOREDOXIN-
RELATED GLYCOPROTEIN 1).//0.00091:111:28//SACCHAROMYCES CEREVISIAE (BAKER'S YEAST).//P17967
F-NT2RP3002603//HYPOTHETICAL 14.2 KD PROTEIN IN BLAB 3' REGION.//1.0:65:40//STREPTOMYCES CA-
CAOI.//P33654
F-NT2RP3002628//DNAJ-LIKE PROTEIN SLR0093.//2.4e-17:101:44//SYNECHOCYSTIS SP. (STRAIN PCC
40 6803).//P50027
F-NT2RP3002631//METALLOTHIONEIN-IB (MT-1B).//0.092:36:33//HOMO SAPIENS (HUMAN).//P07438
F-NT2RP3002650//DUALIN.//3.0e-21:184:37//GALLUS GALLUS (CHICKEN).//Q90830
F-NT2RP3002659//PROCOLLAGEN ALPHA 2(I) CHAIN PRECURSOR.//0.00016:223:33//HOMO SAPIENS (HU-
MAN).//P08123
45 F-NT2RP3002660//40S RIBOSOMAL PROTEIN S27A.//0.16:72:31//CAENORHABDITIS ELEGANS.//P37165
F-NT2RP3002663//OXYSTEROL-BINDING PROTEIN.//5.4e-23:168:41//HOMO SAPIENS (HUMAN).//P22059
F-NT2RP3002671//HYPOTHETICAL 124.5 KD PROTEIN IN SKO1-RPL44A INTERGENIC REGION.//6.0e-38:
203:43//SACCHAROMYCES CEREVISIAE (BAKER'S YEAST).//P53893
F-NT2RP3002682//NADH-UBIQUINONE OXIDOREDUCTASE CHAIN 4L (EC 1.6.5.3).//0.25:63:31//ARTEMIA
50 SALINA (BRINE SHRIMP).//P19049
F-NT2RP3002687//HYPOTHETICAL 30.4 KD PROTEIN IN LEF3-IAP2 INTERGENIC REGION.//0.029:60:36//
AUTOGRAPHAL CALIFORNICA NUCLEAR POLYHEDROSIS VIRUS (ACMPNV).//P41469
F-NT2RP3002688//KINESIN-LIKE PROTEIN KIF1B.//5.3e-61:130:88//MUS MUSCULUS (MOUSE).//Q60575
F-NT2RP3002701//SPERM MITOCHONDRIAL CAPSULE SELENOPROTEIN (MCS).//7.4e-05:109:33//MUS
55 MUSCULUS (MOUSE).//P15265
F-NT2RP3002713//PROBABLE ATP-DEPENDENT RNA HELICASE DDX10 (DEAH BOX PROTEIN 10).//0.77:
70:32//HOMO SAPIENS (HUMAN).//Q13206
F-NT2RP3002763//HYPOTHETICAL 11.3 KD PROTEIN C2C6.07 IN CHROMOSOME I.//6.7e-11:66:40//

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SCHIZOSACCHAROMYCES POMBE (FISSION YEAST)//O14056
F-NT2RP3002770//COLLAGEN ALPHA 1(IX) CHAIN (FRAGMENT)//0.33:87:34//MUS MUSCULUS (MOUSE)//
Q05722
5 F-NT2RP3002785//LETHAL(2)DENTICLELESS PROTEIN (DTL83 PROTEIN)//9.7e-36:187:39//DROSOPHILA
MELANOGASTER (FRUIT FLY)//Q24371
F-NT2RP3002799//!!!! ALU SUBFAMILY J WARNING ENTRY!!!!//5.6e-08:41:73//HOMO SAPIENS (HUMAN)//
P39188
F-NT2RP3002810//!!!! ALU SUBFAMILY SP WARNING ENTRY!!!!//0.0034:35:65//HOMO SAPIENS (HUMAN)//
P39193
10 F-NT2RP3002818//MAJOR CENTROMERE AUTOANTIGEN B (CENTROMERE PROTEIN B) (CENP-B)//3.2e-
17:148:37//MUS MUSCULUS (MOUSE)//P27790
F-NT2RP3002861//HYPOTHETICAL 70.2 KD PROTEIN IN GSH1-CHS6 INTERGENIC REGION//1.7e-05:95:
31//SACCHAROMYCES CEREVISIAE (BAKER'S YEAST)//P42951
15 F-NT2RP3002869//TRYPSIN INHIBITOR II (BDTI-II)//0.97:23:39//BRYONIA DIOICA (RED BRYONY)//P11968
F-NT2RP3002876//ACIDIC PROLINE-RICH PROTEIN PRECURSOR (CLONE PRP33)//0.00017:140:31//RAT-
TUS NORVEGICUS (RAT)//P04474
F-NT2RP3002877//!!!! ALU SUBFAMILY SQ WARNING ENTRY!!!!//2.5e-06:55:60//HOMO SAPIENS (HUMAN)//
P39194
20 F-NT2RP3002909//P53-BINDING PROTEIN 53BP2 (BCL2-BINDING PROTEIN) (BBP)//4.6e-08:129:38//HOMO
SAPIENS (HUMAN)//Q13625
F-NT2RP3002911//HYPOTHETICAL PROTEIN C18//0.99:26:50//SWINEPOX VIRUS (STRAIN KASZA) (SPV)//
P32217
F-NT2RP3002948//RING CANAL PROTEIN (KELCH PROTEIN)//1.2e-23:113:47//DROSOPHILA MELA-
NOGASTER (FRUIT FLY)//Q04652
25 F-NT2RP3002953//CADHERIN-RELATED TUMOR SUPPRESSOR PRECURSOR (FAT PROTEIN)//0.55:116:
27//DROSOPHILA MELANOGASTER (FRUIT FLY)//P33450
F-NT2RP3002955//HYPOTHETICAL 16.5 KD PROTEIN IN BLTR-SPOIIC INTERGENIC REGION//0.87:67:37//
BACILLUS SUBTILIS//P54445
30 F-NT2RP3002969//LONG-CHAIN-FATTY-ACID--COA LIGASE 4 (EC 6.2.1.3) (LONG-CHAIN ACYL-COA SYN-
THETASE 4) (LACS 4)//6.7e-56:189:59//HOMO SAPIENS (HUMAN)//O60488
F-NT2RP3002972//HYPOTHETICAL 73.0 KD PROTEIN IN CLA4-MID1 INTERGENIC REGION//0.0028:147:27//
SACCHAROMYCES CEREVISIAE (BAKER'S YEAST)//P48566
F-NT2RP3002978//PROBABLE E5 PROTEIN//0.15:55:36//HUMAN PAPILLOMAVIRUS TYPE 51//P26553
35 F-NT2RP3002985//METALLOTHIONEIN (MT)//0.0031:49:42//PLEURONECTES PLATESSA (PLAICE)//
P07216
F-NT2RP3002988//NEUROGENIC LOCUS NOTCH HOMOLOG PROTEIN 1 PRECURSOR (NOTCH PRO-
TEIN)//1.0:111:29//MUS MUSCULUS (MOUSE)//Q01705
F-NT2RP3003008//HYPOTHETICAL 54.7 KD PROTEIN F37A4.1 IN CHROMOSOME III//0.96:112:25//
CAENORHABDITIS ELEGANS//P41879
40 F-NT2RP3003032
F-NT2RP3003059//HYPOTHETICAL 52.3 KD PROTEIN C56F8.06C IN CHROMOSOME I PRECURSOR//9.7e-
27:216:37//SCHIZOSACCHAROMYCES POMBE (FISSION YEAST)//Q10254
F-NT2RP3003061//ANKYRIN R (ANKYRINS 2.1 AND 2.2) (ERYTHROCYTE ANKYRIN)//3.7e-25:167:34//HOMO
SAPIENS (HUMAN)//P16157
45 F-NT2RP3003068//SERYL-TRNA SYNTHETASE (EC 6.1.1.11) (SERINE--TRNA LIGASE) (SERRS) (FRAG-
MENT)//0.074:82:39//SULFOLOBUS SOLFATARICUS//Q33780
F-NT2RP3003071//VASODILATOR-STIMULATED PHOSPHOPROTEIN (VASP)//0.0085:128:30//HOMO SAPI-
ENS (HUMAN)//P50552
50 F-NT2RP3003078//SPERM ACROSOMAL PROTEIN FSA-ACR.1 PRECURSOR (FRAGMENT)//0.028:165:31//
VULPES VULPES (RED FOX)//P53353
F-NT2RP3003101//TETRACYCLINE RESISTANCE PROTEIN, CLASS C (TETA(C))//1.0e-14:243:25//ES-
CHERICHIA COLI//P02981
F-NT2RP3003121//SUPPRESSOR PROTEIN SRP40//7.4e-05:143:27//SACCHAROMYCES CEREVISIAE
(BAKER'S YEAST)//P32583
55 F-NT2RP3003133//65 KD YES-ASSOCIATED PROTEIN (YAP65)//0.024:61:42//GALLUS GALLUS (CHICK-
EN)//P46936
F-NT2RP3003138//KINESIN-LIKE PROTEIN KIF4//1.1e-118:151:93//MUS MUSCULUS (MOUSE)//P33174
F-NT2RP3003139//ATP-BINDING CASSETTE TRANSPORTER ABC1//1.0:70:30//SCHIZOSACCHAROMYCES

POMBE (FISSION YEAST)//Q92337
 F-NT2RP3003145//MILK FAT GLOBULE-EGF FACTOR 8 PRECURSOR (MFG-E8) (HMFG) (BREAST EPITHE-
 LIAL ANTIGEN BA46) (MFGM)//2.0e-12:121:37//HOMO SAPIENS (HUMAN)//Q08431
 F-NT2RP3003150
 5 F-NT2RP3003157//ZINC FINGER PROTEIN 83 (ZINC FINGER PROTEIN HPF1)//4.0e-79:260:54//HOMO SA-
 PIENS (HUMAN)//P51522
 F-NT2RP3003185//TROPOMYOSIN//0.077:122:27//SCHIZOSACCHAROMYCES POMBE (FISSION YEAST)//
 Q02088
 F-NT2RP3003193//ZINC FINGER PROTEIN 135//7.2e-91:239:65//HOMO SAPIENS (HUMAN)//P52742
 10 F-NT2RP3003197//HYPOTHETICAL 28.1 KD PROTEIN IN SIPU-PBPC INTERGENIC REGION//1.3e-07:117:
 34//BACILLUS SUBTILIS//P42966
 F-NT2RP3003203//HYPOTHETICAL 33.5 KD PROTEIN C1D4.02C IN CHROMOSOME I//9.9e-23:132:39//
 SCHIZOSACCHAROMYCES POMBE (FISSION YEAST)//Q10149
 F-NT2RP3003204//RAS-LIKE PROTEIN RASB//0.92:103:27//DICTYOSTELIUM DISCOIDEUM (SLIME
 15 MOLD)//P32252
 F-NT2RP3003210//VERY HYPOTHETICAL 13.2 KD PROTEIN IN PTC3-SAS3 INTERGENIC REGION//0.23:
 106:33//SACCHAROMYCES CEREVISIAE (BAKER'S YEAST)//P38190
 F-NT2RP3003212//SUPPRESSOR PROTEIN SRP40//0.019:171:23//SACCHAROMYCES CEREVISIAE (BAK-
 ER'S YEAST)//P32583
 20 F-NT2RP3003230//CORONIN-LIKE PROTEIN P57//8.3e-74:183:73//BOS TAURUS (BOVINE)//Q92176
 F-NT2RP3003242//STANNIOCALCIN PRECURSOR//1.4e-21:127:37//HOMO SAPIENS (HUMAN)//P52823
 F-NT2RP3003251//DOWN REGULATORY PROTEIN OF INTERLEUKIN 2 RECEPTOR//3.1e-51:198:52//MUS
 MUSCULUS (MOUSE)//P15533
 F-NT2RP3003264//E6 PROTEIN//1.0:31:41//HUMAN PAPILLOMAVIRUS TYPE 48//Q80920
 25 F-NT2RP3003278//45.8 KD PROTEIN IN SHM1-MRPL37 INTERGENIC REGION//8.6e-07:80:33//SACCHARO-
 MYCES CEREVISIAE (BAKER'S YEAST)//P38344
 F-NT2RP3003282//DYNAMIN 2 (DYNAMIN UDNM)//8.0e-108:226:88//MUS MUSCULUS (MOUSE)//P39054
 F-NT2RP3003290//BIOH PROTEIN//0.0055:107:30//ESCHERICHIA COLI//P13001
 F-NT2RP3003301//MITOCHONDRIAL LON PROTEASE HOMOLOG 1 PRECURSOR (EC 3.4.21.-)//1.3e-69:
 30 200:55//ARABIDOPSIS THALIANA (MOUSE-EAR CRESS)//O64948
 F-NT2RP3003302//LINE-1 REVERSE TRANSCRIPTASE HOMOLOG//6.4e-69:102:66//HOMO SAPIENS (HU-
 MAN)//P08547
 F-NT2RP3003311//MYOSIN II HEAVY CHAIN, NON MUSCLE//0.18:225:26//ACANTHAMOEBA CASTELLANII
 (AMOEBIA)//P05659
 35 F-NT2RP3003313//SALIVARY PROLINE-RICH PROTEIN PO (ALLELE K) [CONTAINS: PEPTIDE P-D] (FRAG-
 MENT)//0.0014:142:33//HOMO SAPIENS (HUMAN)//P10162
 F-NT2RP3003327//52 KD RO PROTEIN (SJOGREN SYNDROME TYPE A ANTIGEN (SS-A)) (RO(SS-A))
 (RO52)//8.8e-18:94:43//MUS MUSCULUS (MOUSE)//Q62191
 F-NT2RP3003330//HYPOTHETICAL PROTEIN KIAA0176 (FRAGMENT)//1.3e-20:123:44//HOMO SAPIENS
 40 (HUMAN)//Q14681
 F-NT2RP3003344//HYPOTHETICAL 8.8 KD PROTEIN IN ICDC-MINE INTERGENIC REGION//1.0:28:42//ES-
 CHERICHIA COLI//P75991
 F-NT2RP3003346//!!!! ALU SUBFAMILY SB2 WARNING ENTRY !!!!!//6.9e-26:74:78//HOMO SAPIENS (HU-
 MAN)//P39191
 45 F-NT2RP3003353//HYPOTHETICAL 52.4 KD PROTEIN R08D7.2 IN CHROMOSOME III//3.7e-10:118:33//
 CAENORHABDITIS ELEGANS//P30641
 F-NT2RP3003377//PUTATIVE CUTICLE COLLAGEN F09G8.6//1.5e-05:102:37//CAENORHABDITIS ELE-
 GANS//P34391
 F-NT2RP3003384
 50 F-NT2RP3003385//SKD3 PROTEIN//5.1e-83:210:69//MUS MUSCULUS (MOUSE)//Q60649
 F-NT2RP3003403
 F-NT2RP3003409//SOX-22 PROTEIN//0.042:173:28//HOMO SAPIENS (HUMAN)//O15370
 F-NT2RP3003411//PROBABLE E3 PROTEIN//0.17:91:31//BOVINE PAPILLOMAVIRUS TYPE 2//P11300
 F-NT2RP3003427//HOLOTRICIN 3 PRECURSOR//0.012:36:41//HOLOTRICHIA DIOMPHALIA//Q25055
 55 F-NT2RP3003433
 F-NT2RP3003464//HYPOTHETICAL 57.5 KD PROTEIN IN VMA7-RPS25A INTERGENIC REGION//0.0042:110:
 40//SACCHAROMYCES CEREVISIAE (BAKER'S YEAST)//P53214
 F-NT2RP3003490

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F-NT2RP3003491//10 KD CHAPERONIN (PROTEIN CPN10) (PROTEIN GROES) (HEAT SHOCK 10 KD PROTEIN)//0.99:49:34//LEPTOSPIRA INTERROGANS//P35472
 F-NT2RP3003500//SCY1 PROTEIN//6.8e-14:192:26//SACCHAROMYCES CEREVISIAE (BAKER'S YEAST)//P53009
 5 F-NT2RP3003543//COLLAGEN ALPHA 5(IV) CHAIN PRECURSOR//0.0026:175:30//HOMO SAPIENS (HUMAN)//P29400
 F-NT2RP3003552//ANNEXIN VII (SYNEXIN) (FRAGMENT)//0.19:21:47//BOS TAURUS (BOVINE)//P20072
 F-NT2RP3003555//HYPOTHETICAL 32.6 KD PROTEIN IN MET30-PIG2 INTERGENIC REGION//7.3e-27:159:43//SACCHAROMYCES CEREVISIAE (BAKER'S YEAST)//P40529
 10 F-NT2RP3003564//RNA REPLICASE POLYPROTEIN (EC 2.7.7.48)//1.0:99:30//TURNIP YELLOW MOSAIC VIRUS//P10358
 F-NT2RP3003572//PUTATIVE CUTICLE COLLAGEN F09G8.6//0.33:128:32//CAENORHABDITIS ELEGANS//P34391
 F-NT2RP3003576//!!!! ALU SUBFAMILY SX WARNING ENTRY !!!!!//7.1e-28:58:77//HOMO SAPIENS (HUMAN)//P39195
 15 F-NT2RP3003589//RAS-RELATED PROTEIN RAB-10//5.4e-54:114:94//CANIS FAMILIARIS (DOG)//P24409
 F-NT2RP3003621//COAGULATION FACTOR XII PRECURSOR (EC 3.4.21.38) (HAGEMAN FACTOR) (HAF)//2.0e-15:89:40//HOMO SAPIENS (HUMAN)//P00748
 F-NT2RP3003625//MALE SPECIFIC SPERM PROTEIN MST84DD//0.99:22:50//DROSOPHILA MELANOGASTER (FRUIT FLY)//Q01645
 20 F-NT2RP3003656//HOMEODOMAIN PROTEIN OTX3 (ZOTX3)//0.30:111:25//BRACHYDANIO RERIO (ZEBRAFISH) (ZEBRA DANIO)//Q90267
 F-NT2RP3003659//HYPOTHETICAL 49.8 KD PROTEIN IN RPL14B-GPA1 INTERGENIC REGION//1.1e-20:127:37//SACCHAROMYCES CEREVISIAE (BAKER'S YEAST)//P38755
 25 F-NT2RP3003665//PENAEIDIN-3C PRECURSOR (P3-C)//0.34:52:34//PENAEUS VANNAMEI (PENOEID SHRIMP) (EUROPEAN WHITE SHRIMP)//P81060
 F-NT2RP3003672//T-CELL SURFACE GLYCOPROTEIN E2 PRECURSOR (E2 ANTIGEN) (CD99) (MIC2 PROTEIN) (12E7)//8.7e-15:146:42//HOMO SAPIENS (HUMAN)//P14209
 F-NT2RP3003680//HYPOTHETICAL 55.1 KD PROTEIN IN FAB1-PES4 INTERGENIC REGION//4.3e-25:159:40//SACCHAROMYCES CEREVISIAE (BAKER'S YEAST)//P43601
 30 F-NT2RP3003686//NONHISTONE CHROMOSOMAL PROTEIN HMG-17//0.067:63:31//GALLUS GALLUS (CHICKEN)//P02314
 F-NT2RP3003701//F-SPONDIN PRECURSOR//1.8e-13:193:27//RATTUS NORVEGICUS (RAT)//P35446
 F-NT2RP3003716//SLIT PROTEIN PRECURSOR//1.3e-12:150:34//DROSOPHILA MELANOGASTER (FRUIT FLY)//P24014
 35 F-NT2RP3003726//INSERTION ELEMENT IS136 HYPOTHETICAL 16.9 KD PROTEIN//0.47:109:28//AGROBACTERIUM TUMEFACIENS//P05680
 F-NT2RP3003746//HYPOTHETICAL 7.7 KD PROTEIN IN FIXX.3'REGION (ORF1)//0.57:34:38//AZORHIZOBIUM CAULINODANS//P26486
 40 F-NT2RP3003795//!!!! ALU SUBFAMILY SX WARNING ENTRY !!!!!//4.3e-10:40:90//HOMO SAPIENS (HUMAN)//P39195
 F-NT2RP3003799//MATING-TYPE PHEROMONE BBP1(3). PRECURSOR//0.75:60:36//SCHIZOPHYLLUM COMMUNE (BRACKET FUNGUS)//P78744
 F-NT2RP3003800//PROTO-ONCOGENE TYROSINE-PROTEIN KINASE SRC (EC 2.7.1.112) (P60-SRC)//4.2e-51:72:95//GALLUS GALLUS (CHICKEN)//P00523
 45 F-NT2RP3003805//HYPOTHETICAL 32.1 KD PROTEIN IN DBP7-GCN3 INTERGENIC REGION//0.00069:160:25//SACCHAROMYCES CEREVISIAE (BAKER'S YEAST)//P36121
 F-NT2RP3003809//COLLAGEN ALPHA 1(III) CHAIN (FRAGMENTS)//0.028:135:35//GALLUS GALLUS (CHICKEN)//P12105
 50 F-NT2RP3003819//C-HORDEIN (PCP387) (FRAGMENT)//0.0026:90:33//HORDEUM VULGARE (BARLEY)//P06472
 F-NT2RP3003825//PHOSPHATIDYLCHOLINE TRANSFER PROTEIN (PC-TP)//5.6e-20:174:31//BOS TAURUS (BOVINE)//P02720
 F-NT2RP3003828//ADENYLATE CYCLASE, TYPE V (EC 4.6.1.1) (ATP PYROPHOSPHATE-LYASE) (CA(2+)-INHIBITABLE ADENYL CYCLASE)//0.0017:111:38//CANIS FAMILIARIS (DOG)//P30803
 55 F-NT2RP3003831//ENDONUCLEASE G PRECURSOR (EC 3.1.30.-) (ENDO G)//1.1e-37:187:42//MUS MUSCULUS (MOUSE)//O08600
 F-NT2RP3003833//HYPOTHETICAL 6.4 KD PROTEIN IN INTE-PIN INTERGENIC REGION//1.0:38:39//ES-

CHERICHIA COLI//P75979

F-NT2RP3003842

F-NT2RP3003846//RETINAL DEGENERATION B PROTEIN (PROBABLE CALCIUM TRANSPORTER RDGB)//
0.61:54:35//DROSOPHILA MELANOGASTER (FRUIT FLY)//P43125

5 F-NT2RP3003870//MALE SPECIFIC SPERM PROTEIN MST84DB//0.83:51:37//DROSOPHILA MELANOGASTER (FRUIT FLY)//Q01643

F-NT2RP3003876//PROTEIN TRANSPORT PROTEIN SEC2//0.0017:151:27//SACCHAROMYCES CEREVISIAE (BAKER'S YEAST)//P17065

10 F-NT2RP3003914//UDP-GLUCOSE:GLYCOPROTEIN GLUCOSYLTRANSFERASE PRECURSOR (EC 2.4.1.-) (DUGT)//3.3e-23:76:64//DROSOPHILA MELANOGASTER (FRUIT FLY)//Q09332

F-NT2RP3003918//VESICLE-ASSOCIATED MEMBRANE PROTEIN/SYNAPTOBREVIN BINDING PROTEIN (VAP-33)//5.5e-45:127:69//APLYSIA CALIFORNICA (CALIFORNIA SEA HARE)//Q16943

F-NT2RP3003932

15 F-NT2RP3003989//PREPROTEIN TRANSLOCASE SECE SUBUNIT//0.96:46:32//THERMOTOGA MARITIMA//P35874

F-NT2RP3003992//NUCLEAR LOCALIZATION SEQUENCE BINDING PROTEIN (P67)//0.0011:170:26//SACCHAROMYCES CEREVISIAE (BAKER'S YEAST)//P27476

F-NT2RP3004013//DOUBLE-STRANDED RNA-SPECIFIC EDITASE 1 (EC 3.5.-.-) (DSRNA ADENOSINE DEAMINASE) (RNA EDITING ENZYME 1)//3.6e-21:134:45//RATTUS NORVEGICUS (RAT)//P51400

20 F-NT2RP3004016//HYPOTHETICAL 24.1 KD PROTEIN IN LEF4-P33 INTERGENIC REGION//0.00021:64:40//AUTOGRAPHICA CALIFORNICA NUCLEAR POLYHEDROSIS VIRUS (ACMPNV)//P41479

F-NT2RP3004041//SPERM PROTAMINE P1//0.0028:43:46//ORNITHORHYNCHUS ANATINUS (DUCKBILL PLATYPUS)//P35307

25 F-NT2RP3004051//MICROBIAL COLLAGENASE PRECURSOR (EC 3.4.24.3) (120 KD COLLAGENASE)//0.0079:194:24//CLOSTRIDIUM PERFRINGENS//P43153

F-NT2RP3004070//!!!! ALU SUBFAMILY J WARNING ENTRY !!!!!//3.4e-11:51:72//HOMO SAPIENS (HUMAN)//P39188

F-NT2RP3004078//DNA BINDING PROTEIN RFX2//2.7e-114:243:87//MUS MUSCULUS (MOUSE)//P48379

30 F-NT2RP3004093//HYPOTHETICAL 32.3 KD PROTEIN IN RHSE-NARV INTERGENIC REGION (ORFB)//8.0e-13:111:41//ESCHERICHIA COLI//P37757

F-NT2RP3004095//!!!! ALU SUBFAMILY J WARNING ENTRY !!!!!//1.5e-17:72:65//HOMO SAPIENS (HUMAN)//P39188

F-NT2RP3004110//!!!! ALU SUBFAMILY SX WARNING ENTRY !!!!!//2.6e-10:51:72//HOMO SAPIENS (HUMAN)//P39195

35 F-NT2RP3004125//ZINC FINGER PROTEIN 75//1.1e-28:118:47//HOMO SAPIENS (HUMAN)//P51815

F-NT2RP3004145//AEROLYSIN REGULATORY PROTEIN//0.012:45:33//AEROMONAS SOBRIA//P09165

F-NT2RP3004148//METALLOTHIONEIN-I (MT-1)//0.055:18:50//COLUMBA LIVIA (DOMESTIC PIGEON)//P15786

40 F-NT2RP3004155//UBIQUINONE BIOSYNTHESIS PROTEIN COQ7 HOMOLOG//1.7e-82:178:89//RATTUS NORVEGICUS (RAT)//Q63619

F-NT2RP3004189//VEGETATIBLE INCOMPATIBILITY PROTEIN HET-E-1//1.7e-11:215:24//PODOSPORA ANSERINA//Q00808

F-NT2RP3004206//CROOKED NECK PROTEIN//3.8e-101:241:73//DROSOPHILA MELANOGASTER (FRUIT FLY)//P17886

45 F-NT2RP3004207//CUTICLE COLLAGEN 12 PRECURSOR//0.13:130:33//CAENORHABDITIS ELEGANS//P20630

F-NT2RP3004209//UBIQUITIN CARBOXYL-TERMINAL HYDROLASE 4 (EC 3.1.2.15) (UBIQUITIN THIOLESTERASE 4) (UBIQUITIN-SPECIFIC PROCESSING PROTEASE 4) (DEUBIQUITINATING ENZYME 4) (UBIQUITOUS NUCLEAR PROTEIN HOMOLOG)//6.5e-16:207:29//HOMO SAPIENS (HUMAN)//Q13107

50 F-NT2RP3004215//PROTEIN TRANSPORT PROTEIN SEC61 GAMMA SUBUNIT//1.0:69:31//SACCHAROMYCES CEREVISIAE (BAKER'S YEAST)//P35179

F-NT2RP3004242//HYPOTHETICAL 30.2 KD PROTEIN ZK632.12 IN CHROMOSOME III//1.1e-64:191:63//CAENORHABDITIS ELEGANS//P34657

F-NT2RP3004246//RING3 PROTEIN (KIAA9001)//0.060:101:28//HOMO SAPIENS (HUMAN)//P25440

55 F-NT2RP3004253//COLLAGEN ALPHA 1(I) CHAIN (FRAGMENTS)//1.1e-07:184:35//BOS TAURUS (BOVINE)//P02453

F-NT2RP3004258//SUPPRESSOR PROTEIN SRP40//4.9e-08:98:39//SACCHAROMYCES CEREVISIAE (BAKER'S YEAST)//P32583

- F-NT2RP3004262//DNAJ PROTEIN HOMOLOG 1 (HDJ-1) (HEAT SHOCK PROTEIN 40) (HSP40)//1.6e-63:210:61//HOMO SAPIENS (HUMAN)//P25685
- F-NT2RP3004282//HYPOTHETICAL PROTEIN F44G4.1 IN CHROMOSOME II (FRAGMENT)//1.6e-29:177:38//CAENORHABDITIS ELEGANS//P54073
- 5 F-NT2RP3004332//DNA-DIRECTED RNA POLYMERASE II LARGEST SUBUNIT (EC 2.7.7.6) (RPB1) (FRAGMENT)//0.030:118:36//CRICETULUS GRISEUS (CHINESE HAMSTER)//P11414
- F-NT2RP3004334
- F-NT2RP3004341//ALPHA-INTERNEXIN (ALPHA-INX)//0.91:110:26//MUS MUSCULUS (MOUSE)//P46660
- F-NT2RP3004348//HYPOTHETICAL 105.3 KD PROTEIN C01G6.5 IN CHROMOSOME III//0.60:198:24//10 CAENORHABDITIS ELEGANS//P46012
- F-NT2RP3004349//!!!! ALU SUBFAMILY SP WARNING ENTRY !!!!!//1.0e-37:60:76//HOMO SAPIENS (HUMAN)//P39193
- F-NT2RP3004378//HYPOTHETICAL 18.8 KD PROTEIN IN GNTR-GGT INTERGENIC REGION (O162)//0.0026:76:28//ESCHERICHIA COLI//P46854
- 15 F-NT2RP3004399//LEUCINE-RICH PRIMARY RESPONSE PROTEIN 1 (FOLLICLE-STIMULATING HORMONE PRIMARY RESPONSE PROTEIN)//4.4e-109:212:96//HOMO SAPIENS (HUMAN)//Q92674
- F-NT2RP3004424//JTV-1 PROTEIN//4.5e-18:60:70//HOMO SAPIENS (HUMAN)//Q13155 F-NT2RP3004428//METALLOTHIONEIN-A (MTA)//0.0010:36:47//STRONGYLOCENTROTUS PURPURATUS (PURPLE SEA URCHIN)//P04734
- 20 F-NT2RP3004451//MYOSIN IC HEAVY CHAIN//0.00072:113:34//ACANTHAMOEBA CASTELLANII (AMOEBA)//P10569
- F-NT2RP3004454//VERPROLIN//3.3e-07:156:29//SACCHAROMYCES CEREVISIAE (BAKER'S YEAST)//P37370
- F-NT2RP3004466//HYPOTHETICAL PROTEIN F-215//0.0013:125:32//HUMAN ADENOVIRUS TYPE 2//25 P03291
- F-NT2RP3004470//HYPOTHETICAL 15.4 KD PROTEIN C16C10.11 IN CHROMOSOME III//1.0:33:51//CAENORHABDITIS ELEGANS//Q09254
- F-NT2RP3004472//GERM CELL-LESS PROTEIN//7.3e-33:170:40//DROSOPHILA MELANOGASTER (FRUIT FLY)//Q01820
- 30 F-NT2RP3004475//RHO-GAP HEMATOPOIETIC PROTEIN C1 (P115) (KIAA0131)//8.4e-54:214:46//HOMO SAPIENS (HUMAN)//P98171
- F-NT2RP3004480//VACUOLAR PROTEIN SORTING-ASSOCIATED PROTEIN VPS35//3.9e-47:199:49//SACCHAROMYCES CEREVISIAE (BAKER'S YEAST)//P34110
- F-NT2RP3004490//SKIN SECRETORY PROTEIN XP2 PRECURSOR (APEG PROTEIN)//0.0013:121:33//35 XENOPUS LAEVIS (AFRICAN CLAWED FROG)//P17437
- F-NT2RP3004498//HYPOTHETICAL 43.5 KD PROTEIN IN COTD-KDUD INTERGENIC REGION PRECURSOR//0.066:87:35//BACILLUS SUBTILIS//P50840
- F-NT2RP3004503//!!!! ALU SUBFAMILY SQ WARNING ENTRY !!!!!//2.0e-34:102:69//HOMO SAPIENS (HUMAN)//P39194
- 40 F-NT2RP3004504//SUPPRESSOR PROTEIN SRP40//0.64:93:34//SACCHAROMYCES CEREVISIAE (BAKER'S YEAST)//P32583
- F-NT2RP3004507//MOB1 PROTEIN (MPS1 BINDER 1)//2.2e-16:90:42//SACCHAROMYCES CEREVISIAE (BAKER'S YEAST)//P40484
- F-NT2RP3004527
- 45 F-NT2RP3004534//S-PHASE ENTRY CYCLIN 6//0.38:148:22//SACCHAROMYCES CEREVISIAE (BAKER'S YEAST)//P32943
- F-NT2RP3004539//INSULIN-LIKE GROWTH FACTOR BINDING PROTEIN 1 PRECURSOR (IGFBP-1) (IBP-1) (IGF-BINDING PROTEIN 1)//0.38:89:38//RATTUS NORVEGICUS (RAT)//P21743
- F-NT2RP3004544//CYTADHERENCE HIGH MOLECULAR WEIGHT PROTEIN 2 (CYTADHERENCE ACCESSORY PROTEIN 2)//0.0024:200:24//MYCOPLASMA PNEUMONIAE//P75471
- 50 F-NT2RP3004566//GASTRULA ZINC FINGER PROTEIN XLCGF17.1 (FRAGMENT)//4.6e-25:126:43//XENOPUS LAEVIS (AFRICAN CLAWED FROG)//P18713
- F-NT2RP3004569//ANKYRIN//8.3e-07:150:28//MUS MUSCULUS (MOUSE)//Q02357
- F-NT2RP3004572//TRANSCRIPTION INITIATION FACTOR-TFIID 150 KD SUBUNIT (TAFII-150) (TAFII150)//1.6e-70:247:54//DROSOPHILA MELANOGASTER (FRUIT FLY)//Q24325
- 55 F-NT2RP3004578//CENTROMERIC PROTEIN E (CENP-E PROTEIN)//1.5e-10:210:26//HOMO SAPIENS (HUMAN)//Q02224
- F-NT2RP3004594//P54 PROTEIN PRECURSOR//0.0044:230:24//ENTEROCOCCUS FAECIUM (STREPTO-

COCCUS FAECIUM) //P13692
 F-NT2RP3004617//DOWN REGULATORY PROTEIN OF INTERLEUKIN 2 RECEPTOR //1.5e-14:113:34//MUS
 MUSCULUS (MOUSE) //P15533
 5 F-NT2RP3004618//HYPOTHETICAL 115.4 KD PROTEIN ZK757.3 IN CHROMOSOME III //4.5e-08:149:30//
 CAENORHABDITIS ELEGANS //P34681
 F-NT2RP3004669//ETHANOLAMINE KINASE (EC 2.7.1.82) (EASILY SHOCKED PROTEIN) //1.0e-24:75:48//
 DROSOPHILA MELANOGASTER (FRUIT FLY) //P54352
 F-NT2RP3004670//CUTICLE COLLAGEN 21/0.00090:159:29//CAENORHABDITIS ELEGANS //P17656
 10 F-NT2RP4000008//CHLORINE CHANNEL PROTEIN P64 //4.0e-79:243:62//BOS TAURUS (BOVINE) //P35526
 F-NT2RP4000023
 F-NT2RP4000035//!!!! ALU SUBFAMILY SQ WARNING ENTRY !!!!! //3.6e-06:46:67//HOMO SAPIENS (HUMAN) //
 P39194
 F-NT2RP4000049//CALDESMON (CDM) //0.41:63:34//GALLUS GALLUS (CHICKEN) //P12957
 F-NT2RP4000051//DUALIN //2.3e-23:195:37//GALLUS GALLUS (CHICKEN) //Q90830
 15 F-NT2RP4000078//RING CANAL PROTEIN (KELCH PROTEIN) //1.2e-24:182:31//DROSOPHILA MELA-
 NOGASTER (FRUIT FLY) //Q04652
 F-NT2RP4000102//XPAR7 PROTEIN //1.0:54:33//BACILLUS LICHENIFORMIS //Q99166
 F-NT2RP4000109//SLIT PROTEIN PRECURSOR //1.9e-60:230:46//DROSOPHILA MELANOGASTER (FRUIT
 FLY) //P24014
 20 F-NT2RP4000111//CLEAVAGE AND POLYADENYLATION SPECIFICITY FACTOR, 100 KD SUBUNIT (CPSF 100
 KD SUBUNIT) //1.4e-91:157:100//BOS TAURUS (BOVINE) //Q10568
 F-NT2RP4000129//5E5 ANTIGEN //0.00072:124:37//RATTUS NORVEGICUS (RAT) //Q63003
 F-NT2RP4000147//ZINC FINGER PROTEIN GCS1 //1.5e-26:119:43//SACCHAROMYCES CEREVISIAE (BAK-
 ER'S YEAST) //P35197
 25 F-NT2RP4000150
 F-NT2RP4000151//HYPOTHETICAL 31.0 KD PROTEIN R107.2 IN CHROMOSOME III //4.2e-31:180:47//
 CAENORHABDITIS ELEGANS //P32740
 F-NT2RP4000159//SPORE COAT PROTEIN SP96 //0.84:107:28//DICTYOSTELIUM DISCOIDEUM (SLIME
 MOLD) //P14328
 30 F-NT2RP4000167//HYPOTHETICAL 98.1 KD PROTEIN IN SPX19_GCR2 INTERGENIC REGION //2.4e-08:133:
 32//SACCHAROMYCES CEREVISIAE (BAKER'S YEAST) //P40164
 F-NT2RP4000185//TRANS-ACTING TRANSCRIPTIONAL PROTEIN ICP0 (VMW118 PROTEIN) //5.4e-05:143:
 32//HERBES SIMPLEX VIRUS (TYPE 2 / STRAIN HG52) //P28284
 F-NT2RP4000210//PAIRED AMPHIPATHIC HELIX PROTEIN //1.8e-40:258:35//SACCHAROMYCES CEREVI-
 35 SIAE (BAKER'S YEAST) //P22579
 F-NT2RP4000212//ATRIAL GLAND-SPECIFIC ANTIGEN PRECURSOR (AGSA) //1.4e-20:104:40//APLYSIA
 CALIFORNICA (CALIFORNIA SEA HARE) //P15287
 F-NT2RP4000214//FERREDOXIN //1.0:19:42//MOORELLA THERMOACETICA (CLOSTRIDIUM THERMOACE-
 TICUM) //P00203
 40 F-NT2RP4000218//!!!! ALU SUBFAMILY J WARNING ENTRY !!!!! //1.7e-15:48:60//HOMO SAPIENS (HUMAN) //
 P39188
 F-NT2RP4000243//DUALIN //5.8e-78:192:70//GALLUS GALLUS (CHICKEN) //Q90830
 F-NT2RP4000246//NPC DERIVED PROLINE RICH PROTEIN 1 (NDPP-1) //3.1e-83:207:76//MUS MUSCULUS
 (MOUSE) //Q03173
 45 F-NT2RP4000259//GLUTATHIONE PEROXIDASE 2 (EC 1.11.1.9) //5.5e-29:153:43//HELIANTHUS ANNUUS
 (COMMON SUNFLOWER) //Q23968
 F-NT2RP4000263//ANNEXIN VII (SYNEXIN) (FRAGMENT) //0.98:42:40//BOS TAURUS (BOVINE) //P20072
 F-NT2RP4000290//HYPOTHETICAL 116.5 KD PROTEIN C20G8.09C IN CHROMOSOME I //3.5e-71:209:66//
 SCHIZOSACCHAROMYCES POMBE (FISSION YEAST) //P87115
 50 F-NT2RP4000312//RAS SUPPRESSOR PROTEIN 1 (RSU-1) (RSP-1 PROTEIN) (RSP-1) //8.9e-22:166:37//HO-
 MO SAPIENS (HUMAN) //Q15404
 F-NT2RP4000321//VERPROLIN //0.00018:260:28//SACCHAROMYCES CEREVISIAE (BAKER'S YEAST) //
 P37370
 F-NT2RP4000323//ANTHOPLEURIN B (TOXIN AP-B) //0.42:15:46//ANTHOPLEURA XANTHOGRAMMICA (GI-
 55 ANT GREEN SEA ANEMONE) //P01531
 F-NT2RP4000355//HYPOTHETICAL 90.9 KD PROTEIN IN GCN20-CMK1 INTERGENIC REGION //0.75:125:29//
 SACCHAROMYCES CEREVISIAE (BAKER'S YEAST) //P43596
 F-NT2RP4000360//ACIDIC PROLINE-RICH PROTEIN PRECURSOR (CLONE PRP25) (FRAGMENT) //0.27:92:

33//RATTUS NORVEGICUS (RAT)//P10164
 F-NT2RP4000367//HYPOTHETICAL 7.3 KD PROTEIN IN 100 KD PROTEIN REGION.//0.99:52:32//HUMAN AD-
 ENOVIRUS TYPE 41//P23691
 5 F-NT2RP4000370//MITOCHONDRIAL PEPTIDE CHAIN RELEASE FACTOR 1 PRECURSOR (MRF-1)//4.1e-40:
 163:52//HOMO SAPIENS (HUMAN)//O75570
 F-NT2RP4000376//PHOSPHOLIPASE A-2-ACTIVATING PROTEIN (PLAP)//4.2e-59:125:80//RATTUS NOR-
 VEGICUS (RAT)//P54319
 F-NT2RP4000381//NEUROFILAMENT TRIPLET H PROTEIN (200 KD NEUROFILAMENT PROTEIN) (NF-H)//
 0.00058:194:30//MUS MUSCULUS (MOUSE)//P19246
 10 F-NT2RP4000398//ZINC FINGER PROTEIN 184 (FRAGMENT)//1.2e-45:153:39//HOMO SAPIENS (HUMAN)//
 Q99676
 F-NT2RP4000415//HYPOTHETICAL 118.4 KD PROTEIN IN BAT2-DAL5 INTERGENIC REGION PRECURSOR.//
 0.00066:201:27//SACCHAROMYCES CEREVISIAE (BAKER'S YEAST)//P47179
 F-NT2RP4000417//PROCESSING ALPHA-1,2-MANNOSIDASE (EC 3.2.1.-) (ALPHA-1,2-MANNOSIDASE 1B)//
 15 1.8e-25:196:40//MUS MUSCULUS (MOUSE)//P39098
 F-NT2RP4000424//!!!! ALU SUBFAMILY SX WARNING ENTRY !!!!!/1.0e-15:72:61//HOMO SAPIENS (HUMAN)//
 P39195
 F-NT2RP4000448//!!!! ALU SUBFAMILY SC WARNING ENTRY !!!!!/7.0e-23:63:82//HOMO SAPIENS (HUMAN)//
 P39192
 20 F-NT2RP4000449//REGULATORY PROTEIN SIR2 (SILENT INFORMATION REGULATOR 2)//1.3e-41:102:45//
 KLUYVEROMYCES LACTIS (YEAST)//P33294
 F-NT2RP4000455//HOMEBOX PROTEIN SAX-1 (CHOX-3) (FRAGMENT)//0.00014:92:30//GALLUS GALLUS
 (CHICKEN)//P19601
 F-NT2RP4000457//UBIQUITIN CARBOXYL-TERMINAL HYDROLASE 7 (EC 3.1.2.15) (UBIQUITIN THIOLESTE-
 25 RASE 7) (UBIQUITIN-SPECIFIC PROCESSING PROTEASE 7) (DEUBIQUITINATING ENZYME 7) (HERPESVI-
 RUS ASSOCIATED UBIQUITIN-SPECIFIC PROTEASE)//1.0e-29:218:38//HOMO SAPIENS (HUMAN)//Q93009
 F-NT2RP4000480//TRANSCRIPTIONAL REGULATORY PROTEIN ALGP (ALGINATE REGULATORY PROTEIN
 ALGR3)//0.049:117:29//PSEUDOMONAS AERUGINOSA//P15276
 F-NT2RP4000481//HYPOTHETICAL HELICASE C28H8.3 IN CHROMOSOME III//2.3e-05:152:23//
 30 CAENORHABDITIS ELEGANS//Q09475
 F-NT2RP4000498//MOB1 PROTEIN (MPS1 BINDER 1)//2.3e-48:172:52//SACCHAROMYCES CEREVISIAE
 (BAKER'S YEAST)//P40484
 F-NT2RP4000500//HYPOTHETICAL 83.6 KD PROTEIN R05D3.2 IN CHROMOSOME III//1.3e-23:165:35//
 CAENORHABDITIS ELEGANS//P34535
 35 F-NT2RP4000515//PHOSPHODIESTERASE I (EC 3.1.4.1) (5'-EXONUCLEASE) (5'-NUCLEOTIDE PHOS-
 PHODIESTERASE) (FRAGMENT)//1.0:48:37//BOS TAURUS (BOVINE)//P15396
 F-NT2RP4000517//METALLOTHIONEIN-LIKE PROTEIN TYPE 2//1.0:41:36//VICIA FABA (BROAD BEAN)//
 Q41657
 F-NT2RP4000518//ATP-DEPENDENT RNA HELICASE ROK1//1.1e-11:93:36//SACCHAROMYCES CEREVI-
 40 SIAE (BAKER'S YEAST)//P45818
 F-NT2RP4000519//COLLAGEN ALPHA 1(XII) CHAIN (FRAGMENTS)//0.68:55:40//BOS TAURUS (BOVINE)//
 P25508
 F-NT2RP4000524//IGA FC RECEPTOR PRECURSOR (BETA ANTIGEN) (B ANTIGEN)//0.37:187:24//STREP-
 TOCOCUS AGALACTIAE//P27951
 45 F-NT2RP4000528//NPL4 PROTEIN//2.1e-45:305:36//SACCHAROMYCES CEREVISIAE (BAKER'S YEAST)//
 P33755
 F-NT2RP4000541//HOMEBOX PROTEIN CHOX-1 (FRAGMENT)//0.23:28:50//GALLUS GALLUS (CHICK-
 EN)//P13544
 F-NT2RP4000556//HYPOTHETICAL 34.1 KD PROTEIN C40H1.4 IN CHROMOSOME III//4.3e-14:174:34//
 50 CAENORHABDITIS ELEGANS//Q03574
 F-NT2RP4000560//HYPOTHETICAL 68.7 KD PROTEIN ZK757.1 IN CHROMOSOME III//2.1e-19:155:36//
 CAENORHABDITIS ELEGANS//P34679
 F-NT2RP4000588//HYPOTHETICAL PROTEIN E-115//0.014:64:35//HUMAN ADENOVIRUS TYPE 2//P03290
 F-NT2RP4000614//SPLICING FACTOR, ARGININE/SERINE-RICH 2 (SPLICING FACTOR SC35) (SC-35)
 55 (SPLICING COMPONENT, 35 KD) (PR264 PROTEIN)//2.7e-27:188:44//GALLUS GALLUS (CHICKEN)//P30352
 F-NT2RP4000638//EARLY NODULIN 55-1 PRECURSOR (N-55-1) (FRAGMENT)//0.55:40:40//GLYCINE MAX
 (SOYBEAN)//Q05544
 F-NT2RP4000648//!!!! ALU SUBFAMILY J WARNING ENTRY !!!!!/2.4e-06:31:74//HOMO SAPIENS (HUMAN)//

P39188

F-NT2RP46000657//HYPOTHETICAL PROTEIN MJ1065//2.5e-40:237:40//METHANOCOCCUS JANNAS-CHII//Q58465

F-NT2RP4000704

5 F-NT2RP4000713//HYPOTHETICAL 35.5 KD PROTEIN IN TRANSPOSON TN4556//4.0e-07:134:40//STREPTOMYCES FRADIAE//P20186

F-NT2RP4000724//RETROVIRUS-RELATED POL POLYPROTEIN [CONTAINS: REVERSE TRANSCRIPTASE (EC 2.7.7.49); ENDONUCLEASE]//1.1e-62:109:88//HOMO SAPIENS (HUMAN)//P10266

10 F-NT2RP4000728//A-AGGLUTININ ATTACHMENT SUBUNIT PRECURSOR//0.0033:190:25//SACCHAROMYCES CEREVISIAE (BAKER'S YEAST)//P32323

F-NT2RP4000737//PTB-ASSOCIATED SPLICING FACTOR (PSF)//1.0e-05:114:34//HOMO SAPIENS (HUMAN)//P23246

F-NT2RP4000739//ATP SYNTHASE PROTEIN 8 (EC 3.6.1.34) (A6L)//1.0:20:50//ANAS PLATYRHYNCHOS (DOMESTIC DUCK)//P50655

15 F-NT2RP4000781//HYPOTHETICAL 27.7 KD PROTEIN IN CPT1-SPC98 INTERGENIC REGION//0.0013:67:31//SACCHAROMYCES CEREVISIAE (BAKER'S YEAST)//P53915

F-NT2RP4000787//POLLEN SPECIFIC PROTEIN SF3//1.3e-13:79:39//HELIANTHUS ANNUUS (COMMON SUNFLOWER)//P29675

20 F-NT2RP4000817//SUPPRESSOR PROTEIN SRP40//1.3e-05:255:21//SACCHAROMYCES CEREVISIAE (BAKER'S YEAST)//P32583

F-NT2RP4000833

F-NT2RP4000837//MALE SPECIFIC SPERM PROTEIN MSTS4DB//0.18:38:44//DROSOPHILA MELANOGASTER (FRUIT FLY)//Q01643

25 F-NT2RP4000839//TRANSCRIPTION INITIATION FACTOR TFIID 90 KD SUBUNIT (TAFII-90)//0.026:38:44//SACCHAROMYCES CEREVISIAE (BAKER'S YEAST)//P38129

F-NT2RP4000855//AMINOPEPTIDASE B (EC 3.4.11.6) (ARGINYL AMINOPEPTIDASE) (ARGININE AMINOPEPTIDASE) (CYTOSOL AMINOPEPTIDASE IV) (AP-B)//2.8e-64:229:53//RATTUS NORVEGICUS (RAT)//O09175

30 F-NT2RP4000865//ZINC FINGER PROTEIN ZFP-36 (FRAGMENT)//3.6e-84:174:54//HOMO SAPIENS (HUMAN)//P16415

F-NT2RP4000878//MYELOID UPREGULATED PROTEIN//8.2e-88:227:74//MUS MUSCULUS (MOUSE)//O35682

F-NT2RP4000879//UBIQUITIN-ACTIVATING ENZYME E1 (A1S9 PROTEIN)//9.1e-55:268:43//HOMO SAPIENS (HUMAN)//P22314

35 F-NT2RP4000907//BDNF / NT-3 GROWTH FACTORS RECEPTOR PRECURSOR (EC 2.7.1.112) (TRKB TYROSINE KINASE) (GP145-TRKB) (TRK-B)//5.4e-10:220:25//HOMO SAPIENS (HUMAN)//Q16620

F-NT2RP4000915//60S ACIDIC RIBOSOMAL PROTEIN P2 (FRAGMENT)//0.46:23:60//ARABIDOPSIS THALIANA (MOUSE-EAR CRESS)//P51407

40 F-NT2RP4000918//METHYL-ACCEPTING CHEMOTAXIS PROTEIN TLPB//0.00010:148:32//BACILLUS SUBTILIS//P39217

F-NT2RP4000925//FIBROMODULIN PRECURSOR (FM) (COLLAGEN-BINDING 59 KD PROTEIN)//3.5e-27:220:36//HOMO SAPIENS (HUMAN)//Q06828

F-NT2RP4000927//TRANS-ACTING TRANSCRIPTIONAL PROTEIN ICP0 (P135 PROTEIN) (IER 2.9/ER2.6)//0.64:75:37//BOVINE HERPESVIRUS TYPE 1 (STRAIN JURA)//P29128

45 F-NT2RP4000928//PHOSPHATIDATE CYTIDYLYLTRANSFERASE (EC 2.7.7.41) (CDP-DIGLYCERIDE SYNTHETASE) (CDP-DIGLYCERIDE PYROPHOSPHORYLASE) (CDP-DIACYLGLYCEROL SYNTHASE) (CDS) (CTP:PHOSPHATIDATE CYTIDYLYLTRANSFERASE) (CDP-DAG SYNTHASE)//3.1e-104:263:66//HOMO SAPIENS (HUMAN)//Q92903

50 F-NT2RP4000929//HYPOTHETICAL 22.2 KD PROTEIN IN NSR1-TIF4631 INTERGENIC REGION//0.93:107:28//SACCHAROMYCES CEREVISIAE (BAKER'S YEAST)//P53288

F-NT2RP4000955//PUTATIVE CUTICLE COLLAGEN F09G8.6//2.0e-05:102:37//CAENORHABDITIS ELE-GANS//P34391

F-NT2RP4000973//HYPOTHETICAL 48.6 KD PROTEIN IN BET1-PAN1 INTERGENIC REGION//2.3e-17:78:56//SACCHAROMYCES CEREVISIAE (BAKER'S YEAST)//P40564

55 F-NT2RP4000975//SALIVARY PROLINE-RICH PROTEIN PO (ALLELE K) [CONTAINS: PEPTIDE P-D] (FRAGMENT)//0.0041:142:33//HOMO SAPIENS (HUMAN)//P10162

F-NT2RP4000979//HYPOTHETICAL 14.5 KD PROTEIN//0.77:106:33//VACCINIA VIRUS (STRAIN COPENHAGEN)//P20517

- F-NT2RP4000984//HYPOTHETICAL 124.8 KD PROTEIN C29E4.4 IN CHROMOSOME III.//0.90:94:25//CAENORHABDITIS ELEGANS//P34343
- F-NT2RP4000989//ANTHOPLEURIN B (TOXIN AP-B).//0.76:41:41//ANTHOPLEURA XANTHOGRAMMICA (GIANT GREEN SEA ANEMONE).//P01531
- 5 F-NT2RP4000996//PROTEIN Q300.//0.00024:41:53//MUS MUSCULUS (MOUSE).//Q02722
- F-NT2RP4000997//DNA-DIRECTED RNA POLYMERASE 135KD POLYPEPTIDE (EC 2.7.7.6) (RNA POLYMERASE I SUBUNIT 2) (RPA135) (RNA POLYMERASE I 127 KD SUBUNIT).//8.7e-115:261:82//RATTUS NORVEGICUS (RAT).//O54888
- 10 F-NT2RP4001004//EC PROTEIN HOMOLOG 2 (FRAGMENT).//0.50:61:34//ARABIDOPSIS THALIANA (MOUSE-EAR CRESS).//Q42377
- F-NT2RP4001006//HYPOTHETICAL 43.5 KD PROTEIN IN CÔTD-KDUD INTERGENIC REGION PRECURSOR.//0.010:152:29//BACILLUS SUBTILIS//P50840
- F-NT2RP4001010//GLUCOAMYLASE S1/S2 PRECURSOR (EC 3.2.1.3) (GLUCAN 1,4-ALPHA- GLUCOSIDASE) (1,4-ALPHA-D-GLUCAN GLUCOHYDROLASE).//9.9e-05:247:25//SACCHAROMYCES CEREVISIAE (BAKER'S YEAST).//P08640
- 15 F-NT2RP4001029//PROTEIN GRAINY-HEAD (DNA-BINDING PROTEIN ELF-1) (ELEMENT I-BINDING ACTIVITY) (TRANSCRIPTION FACTOR NTF-1).//1.1e-14:175:31//DROSOPHILA MELANOGASTER (FRUIT FLY).//P13002
- F-NT2RP4001041//PROBABLE LEUCYL-TRNA SYNTHETASE (EC 6.1.1.4) (LEUCINE--TRNA LIGASE) (LEURS).//1.5e-74:272:55//CAENORHABDITIS ELEGANS.//Q09996
- 20 F-NT2RP4001057//HYPOTHETICAL 62.2 KD PROTEIN ZK652.6 IN CHROMOSOME III.//0.0064:76:38//CAENORHABDITIS ELEGANS//P34664
- F-NT2RP4001064//DUALIN.//2.5e-24:199:38//GALLUS GALLUS (CHICKEN).//Q90830
- F-NT2RP4001078//TRANSCRIPTION INITIATION FACTOR TFIID 135 KD SUBUNIT (TAFII-135) (TAFII135) (TAFII-130) (TAFII130).//0.11:139:38//HOMO SAPIENS (HUMAN).//O00268
- 25 F-NT2RP4001079//CALCIUM-TRANSPORTING ATPASE 1 (EC 3.6.1.38) (GOLGI CA2+-ATPASE).//1.5e-22:242:31//SACCHAROMYCES CEREVISIAE (BAKER'S YEAST).//P13586
- F-NT2RP4001080//POLYPYRIMIDINE TRACT-BINDING PROTEIN (PTB) (HETEROGENEOUS NUCLEAR RIBONUCLEOPROTEIN I) (HNRNP I).//1.7e-82:178:69//SUS SCROFA (PIG).//Q29099
- 30 F-NT2RP4001086//LEUCINE-RICH ACIDIC NUCLEAR PROTEIN.//0.00039:141:26//RATTUS NORVEGICUS (RAT).//P49911
- F-NT2RP4001095//DOUBLE-STRANDED RNA-SPECIFIC EDITASE 1 (EC 3.5.-.-) (DSRNA ADENOSINE DEAMINASE) (RNA EDITING ENZYME 1).//9.9e-07:79:43//HOMO SAPIENS (HUMAN).//P78563
- F-NT2RP4001100//HYPOTHETICAL 74.0 KD PROTEIN IN CAJ1-HOM3 INTERGENIC REGION.//4.4e-16:207:35//SACCHAROMYCES CEREVISIAE (BAKER'S YEAST).//P40032
- 35 F-NT2RP4001117//PROTEIN TRANSPORT PROTEIN SEC61 ALPHA SUBUNIT.//8.1e-115:224:99//RATTUS NORVEGICUS (RAT).//P38378
- F-NT2RP4001122//TIPD PROTEIN.//7.5e-11:129:31//DICTYOSTELIUM DISCOIDEUM (SLIME MOLD).//O15736
- F-NT2RP4001126//TRICHOHYALIN.//1.4e-19:257:28//OVIS ARIES (SHEEP).//P22793
- 40 F-NT2RP4001138//PUTATIVE F420-DEPENDENT NADP REDUCTASE (EC 1.-.-.-).//0.00010:204:25//METHANOCOCCUS JANNASCHII.//Q58896
- F-NT2RP4001143//HYPOTHETICAL 52.9 KD PROTEIN IN SAP155-YMR31 INTERGENIC REGION.//4.5e-34:168:44//SACCHAROMYCES CEREVISIAE (BAKER'S YEAST).//P43616
- F-NT2RP4001148//SOF1 PROTEIN.//2.4e-41:158:41//SACCHAROMYCES CEREVISIAE (BAKER'S YEAST).//P33750
- 45 F-NT2RP4001149//SULFATED SURFACE GLYCOPROTEIN 185 (SSG 185).//1.3e-08:106:41//VOLVOX CARTERI.//P21997
- F-NT2RP4001150//NG-CAM RELATED CELL ADHESION MOLECULE PRECURSOR (NR-CAM) (BRAVO).//3.6e-24:194:32//GALLUS GALLUS (CHICKEN).//P35331
- 50 F-NT2RP4001159//MEROZOITE SURFACE ANTIGEN 2 PRECURSOR (MSA-2).//0.0056:117:25//PLASMODIUM FALCIPARUM (ISOLATE K1 / THAILAND).//Q03643
- F-NT2RP4001174//NON-GREEN PLASTID TRIOSE PHOSPHATE TRANSLOCATOR PRECURSOR (CTPT).//5.9e-24:184:34//BRASSICA OLERACEA (CAULIFLOWER).//P52178
- F-NT2RP4001206//MEROZOITE SURFACE ANTIGEN 2 PRECURSOR (MSA-2).//0.0029:117:26//PLASMODIUM FALCIPARUM (ISOLATE K1 / THAILAND).//Q03643
- 55 F-NT2RP4001207//CHROMOSOME SEGREGATION PROTEIN CSE1.//1.0e-07:144:28//SACCHAROMYCES CEREVISIAE (BAKER'S YEAST).//P33307
- F-NT2RP4001210//DERMORPHIN 1 PRECURSOR [CONTAINS: DELTORPHIN (DERMENKEPHALIN); DER-

MORPHIN]//0.019:130:30//PHYLLOMEDUSA SAUVAGEI (SAUVAGE'S LEAF FROG)//P05422
 F-NT2RP4001213//ZINC FINGER PROTEIN 177//3.2e-28:176:39//HOMO SAPIENS (HUMAN)//Q13360
 F-NT2RP4001219//DISULFIDE ISOMERASE MPD1 PRECURSOR (EC 5.3.4.1)//2.4e-13:108:37//SACCHARO-
 MYCES CEREVISIAE (BAKER'S YEAST)//Q12404
 5 F-NT2RP4001228//RING CANAL PROTEIN (KELCH PROTEIN)//2.7e-56:242:40//DROSOPHILA MELA-
 NOGASTER (FRUIT FLY)//Q04652
 F-NT2RP4001235//REGULATORY PROTEIN E2//0.0080:100:38//HUMAN PAPILLOMAVIRUS TYPE 25//
 P36787
 F-NT2RP4001256//CUTICLE COLLAGEN 1//0.014:104:31//CAENORHABDITIS ELEGANS//P08124
 10 F-NT2RP4001260//BACTERIOCIN MICROCIN B17 PRECURSOR (MCB17)//0.00077:16:68//ESCHERICHIA
 COLI//P05834
 F-NT2RP4001274//HISTONE H1.M6.1//0.98:65:35//TRYPANOSOMA CRUZI//P40273
 F-NT2RP4001276//ELAV PROTEIN//0.00054:134:33//DROSOPHILA VIRILIS (FRUIT FLY)//P23241
 F-NT2RP4001313//EXTENSIN PRECURSOR (CELL WALL HYDROXYPROLINE-RICH GLYCOPROTEIN)//
 15 0.014:71:35//NICOTIANA TABACUM (COMMON TOBACCO)//P13983
 F-NT2RP4001315//VACUOLAR PROTEIN SORTING-ASSOCIATED PROTEIN VPS9//2.3e-12:190:27//SAC-
 CHAROMYCES CEREVISIAE (BAKER'S YEAST)//P54787
 F-NT2RP4001336//VEGETATILE INCOMPATIBILITY PROTEIN HET-E-1//0.0037:108:31//PODOSPORA AN-
 SERINA//Q00808
 20 F-NT2RP4001339//HYPOTHETICAL PROTEIN MJ0810//1.2e-09:150:34//METHANOCOCCUS JANNASCHII//
 Q58220
 F-NT2RP4001343//HYPOTHETICAL 85.2 KD PROTEIN F52C9.3 IN CHROMOSOME III//1.4e-18:244:27//
 CAENORHABDITIS ELEGANS//Q10123
 F-NT2RP4001345//PHOSPHATIDYLCHOLINE-STEROL ACYLTRANSFERASE PRECURSOR (EC 2.3.1.43)
 25 (LECITHIN-CHOLESTEROL ACYLTRANSFERASE) (PHOSPHOLIPID-CHOLESTEROL ACYLTRANSFERASE)
 (FRAGMENT)//4.0e-49:212:50//GALLUS GALLUS (CHICKEN)//P53760
 F-NT2RP4001351//INTRACELLULAR PROTEIN TRANSPORT PROTEIN USO1//5.7e-11:229:26//SACCHARO-
 MYCES CEREVISIAE (BAKER'S YEAST)//P25386
 F-NT2RP4001353//RAS SUPPRESSOR PROTEIN 1 (RSU-1) (RSP-1 PROTEIN) (RSP-1)//0.00088:84:28//HO-
 30 MO SAPIENS (HUMAN)//Q15404
 F-NT2RP4001372//IRREGULAR CHIASM C-ROUGHEST PROTEIN PRECURSOR (IRREC PROTEIN)//1.0e-
 22:222:30//DROSOPHILA MELANOGASTER (FRUIT FLY)//Q08180
 F-NT2RP4001373//OV-17 ANTIGEN PRECURSOR (IMMUNODOMINANT HYPODERMAL ANTIGEN)//0.51:92:
 26//ONCHOCERCA VOLVULUS//P36991
 35 F-NT2RP4001375//NON-RECEPTOR TYROSINE KINASE SPORE LYSIS A (EC 2.7.1.112) (TYROSINE- PRO-
 TEIN KINASE 1)//3.5e-13:146:35//DICTYOSTELIUM DISCOIDEUM (SLIME MOLD)//P18160
 F-NT2RP4001379//HYPOTHETICAL 64.2 KD PROTEIN IN SLT2-PUT2 INTERGENIC REGION//1.2e-14:207:
 28//SACCHAROMYCES CEREVISIAE (BAKER'S YEAST)//P38767
 F-NT2RP4001389//DNA-DIRECTED RNA POLYMERASE II LARGEST SUBUNIT (EC 2.7.7.6) (RPB1) (FRAG-
 40 MENT)//0.073:112:33//CRICETULUS GRISEUS (CHINESE HAMSTER)//P11414
 F-NT2RP4001407//CENTROMERIC PROTEIN E (CENP-E PROTEIN)//0.0019:233:24//HOMO SAPIENS (HU-
 MAN)//Q02224
 F-NT2RP4001414//SEPTIN 2 HOMOLOG (FRAGMENT)//6.2e-89:195:81//HOMO SAPIENS (HUMAN)//Q14141
 F-NT2RP4001433//ZINC FINGER PROTEIN 43 (ZINC PROTEIN HTF6)//1.5e-85:216:56//HOMO SAPIENS (HU-
 45 MAN)//P28160
 F-NT2RP4001442//DNA-DIRECTED RNA POLYMERASE II LARGEST SUBUNIT (EC 2.7.7.6) (VERSION 1)//
 0.012:107:35//ARABIDOPSIS THALIANA (MOUSE-EAR CRESS)//P18616
 F-NT2RP4001447//60S ACIDIC RIBOSOMAL PROTEIN P2 (EL12)//0.0046:69:33//ARTEMIA SALINA (BRINE
 SHRIMP)//P02399
 50 F-NT2RP4001474//CBP3 PROTEIN PRECURSOR//0.0011:111:29//SACCHAROMYCES CEREVISIAE (BAK-
 ER'S YEAST)//P21560
 F-NT2RP4001483//2-OXOGLUTARATE DEHYDROGENASE E1 COMPONENT PRECURSOR (EC 1.2.4.2) (AL-
 PHA-KETOGLUTARATE DEHYDROGENASE)//6.2e-60:146:61//HOMO SAPIENS (HUMAN)//Q02218
 F-NT2RP4001498//HYPOTHETICAL 72.5 KD PROTEIN C2F7.10 IN CHROMOSOME I//2.3e-24:137:37//
 55 SCHIZOSACCHAROMYCES POMBE (FISSION YEAST)//Q09701
 F-NT2RP4001502//HYPOTHETICAL 24.7 KD PROTEIN IN POM152-REC114 INTERGENIC REGION//6.0e-22:
 148:34//SACCHAROMYCES CEREVISIAE (BAKER'S YEAST)//P40206
 F-NT2RP4001507//CUTICLE COLLAGEN 40//0.00029:166:31//CAENORHABDITIS ELEGANS//P34804

F-NT2RP4001524//LACTOCOCCIN A IMMUNITY PROTEIN//0.74:96:30//LACTOCOCCUS LACTIS (SUBSP. LACTIS) (STREPTOCOCCUS LACTIS), AND LACTOCOCCUS LACTIS (SUBSP. CREMORIS) (STREPTOCOCCUS CREMORIS)//Q00561
 5 F-NT2RP4001529//PROTEIN GRAINY-HEAD (DNA-BINDING PROTEIN ELF-1) (ELEMENT I-BINDING ACTIVITY) (TRANSCRIPTION FACTOR NTF-1)//2.8e-06:79:41//DROSOPHILA MELANOGASTER (FRUIT FLY)//P13002
 F-NT2RP4001547//HYPOTHETICAL 45.0 KD PROTEIN IN NOT1/CDC39-HMR INTERGENIC REGION//5.4e-34:88:46//SACCHAROMYCES CEREVISIAE (BAKER'S YEAST)//P25656
 10 F-NT2RP4001551//CELL DIVISION CONTROL PROTEIN 68//1.5e-18:243:30//SACCHAROMYCES CEREVISIAE (BAKER'S YEAST)//P32558
 F-NT2RP4001555//PUTATIVE ENDONUCLEASE VIII (EC 3.2.-.-)//0.00030:158:24//MYCOBACTERIUM TUBERCULOSIS//P96902
 F-NT2RP4001567//IMPORTIN ALPHA-1 SUBUNIT (KARYOPHERIN ALPHA-1 SUBUNIT)//0.00013:147:29//XENOPUS LAEVIS (AFRICAN CLAWED FROG)//P52170
 15 F-NT2RP4001568//HYPOTHETICAL PROTEIN KIAA0041 (FRAGMENT)//8.0e-22:119:42//HOMO SAPIENS (HUMAN)//Q15057
 F-NT2RP4001571//NEUROMODULIN (AXONAL MEMBRANE PROTEIN GAP-43) (PP46) (B-50) (PROTEIN F1) (CALMODULIN-BINDING PROTEIN P-57)//0.012:167:28//BOS TAURUS (BOVINE)//P06836
 F-NT2RP4001574//COATOMER GAMMA SUBUNIT (GAMMA-COAT PROTEIN) (GAMMA-COP)//6.8e-115:208:98//BOS TAURUS (BOVINE)//P53620
 20 F-NT2RP4001575//M-RELATED PROTEIN PRECURSOR//0.22:184:25//STREPTOCOCCUS PYOGENES//P16946
 F-NT2RP4001592//ISOLEUCYL-TRNA SYNTHETASE (EC 6.1.1.5) (ISOLEUCINE--TRNA LIGASE) (ILERS)//7.4e-45:229:39//SYNECHOCYSTIS SP. (STRAIN PCC 6803)//P73505
 25 F-NT2RP4001610//APOLIPOPROTEIN C-III PRECURSOR (APO-CIII)//0.41:74:28//SUS SCROFA (PIG)//P27917
 F-NT2RP4001614//BASIC PROLINE-RICH PEPTIDE P-E (B-9)//1.0:29:37//HOMO SAPIENS (HUMAN)//P02811
 F-NT2RP4001634//MYOSIN HEAVY CHAIN, PERINATAL SKELETAL MUSCLE (FRAGMENT)//0.16:233:23//RATTUS NORVEGICUS (RAT)//P04462
 30 F-NT2RP4001638//DNA REPAIR/TRANSCRIPTION PROTEIN MET18/34MS19//4.2e-21:249:30//SACCHAROMYCES CEREVISIAE (BAKER'S YEAST)//P40469
 F-NT2RP4001644//MYOSIN LIGHT CHAIN KINASE (EC 2.7.1.117) (MLCK)//4.5e-18:111:44//DICTYOSTELIUM DISCOIDEUM (SLIME MOLD)//P25323
 35 F-NT2RP4001656//HYPOTHETICAL 108.5 KD PROTEIN R06F6.2 IN CHROMOSOME II//3.4e-13:175:32//CAENORHABDITIS ELEGANS//Q09600
 F-NT2RP4001677//HYPOTHETICAL 73.6 KD PROTEIN CY49.21//0.065:66:43//MYCOBACTERIUM TUBERCULOSIS//Q10690
 F-NT2RP4001679//ALU SUBFAMILY SQ WARNING ENTRY//1.3e-36:103:72//HOMO SAPIENS (HUMAN)//P39194
 40 F-NT2RP4001696//PHOTOSYSTEM II REACTION CENTRE J PROTEIN//0.93:37:37//CHLORELLA VULGARIS//P56338
 F-NT2RP4001725//GUANINE NUCLEOTIDE-BINDING PROTEIN BETA SUBUNIT//4.3e-11:128:32//SCHIZOSACCHAROMYCES POMBE (FISSION YEAST)//Q10282
 45 F-NT2RP4001730//UDP-GLUCOSE:GLYCOPROTEIN GLUCOSYLTRANSFERASE PRECURSOR (EC 2.4.1.-) (DUGT)//4.1e-22:201:27//DROSOPHILA MELANOGASTER (FRUIT FLY)//Q09332
 F-NT2RP4001739//HOMEBOX PROTEIN HOX-A10 (HOX-1H) (HOX-1.8) (PL)//1.0:67:34//HOMO SAPIENS (HUMAN)//P31260
 F-NT2RP4001753//ZINC FINGER PROTEIN 10 (ZINC FINGER PROTEIN KOX1) (FRAGMENT)//1.2e-19:72:62//HOMO SAPIENS (HUMAN)//P21506
 50 F-NT2RP4001760//BREAKPOINT CLUSTER REGION PROTEIN//1.8e-13:179:28//HOMO SAPIENS (HUMAN)//P11274
 F-NT2RP4001790//ZINC FINGER PROTEIN 38 (ZFP-38) (CTFIN51) (TRANSCRIPTION FACTOR RU49)//7.9e-38:147:49//MUS MUSCULUS (MOUSE)//Q07231
 55 F-NT2RP4001803//CUTICLE COLLAGEN 12 PRECURSOR//0.40:48:39//CAENORHABDITIS ELEGANS//P20630
 F-NT2RP4001822//NOVEL ANTIGEN 2 (NAG-2)//2.7e-27:173:36//HOMO SAPIENS (HUMAN)//O14817
 F-NT2RP4001823//PUTATIVE CUTICLE COLLAGEN F09G8.6//3.3e-16:152:42//CAENORHABDITIS ELE-

GANS.//P34391
 F-NT2RP4001828//HOLIN.//0.99:33:36//BACTERIOPHAGE HP1.//P51727
 F-NT2RP4001838//METASTASIS-ASSOCIATED PROTEIN MTA1.//1.2e-07:95:31//HOMO SAPIENS (HUMAN).//
 Q13330
 5 F-NT2RP4001841//INTESTINAL MUCIN-LIKE PROTEIN (MLP) (FRAGMENT).//0.94:141:22//RATTUS NOR-
 VEGICUS (RAT).//P98089
 F-NT2RP4001849//SH3-BINDING PROTEIN 3BP-1.//5.6e-52:276:45//MUS MUSCULUS (MOUSE).//P55194
 F-NT2RP4001861//HYPOTHETICAL 10.6 KD PROTEIN IN GALE-PEPT INTERGENIC REGION.//0.92:39:51//
 BACILLUS SUBTILIS.//P55185
 10 F-NT2RP4001889//HYPOTHETICAL BHLF1 PROTEIN.//0.32:97:31//EPSTEIN-BARR VIRUS (STRAIN B95-8)
 (HUMAN HERPESVIRUS 4).//P03181
 F-NT2RP4001893//2-5A-DEPENDENT RIBONUCLEASE (EC 3.1.26.-) (2-5A-DEPENDENT RNAASE) (RNASE
 L) (RIBONUCLEASE 4) (FRAGMENT).//3.6e-07:124:29//MUS MUSCULUS (MOUSE).//Q05921
 F-NT2RP4001896//HYPOTHETICAL 89.4 KD TRP-ASP REPEATS CONTAINING PROTEIN IN PMT6-PCT1
 15 INTERGENIC REGION.//3.9e-10:210:28//SACCHAROMYCES CEREVISIAE (BAKER'S YEAST).//P42935
 F-NT2RP4001901//ACROSIN PRECURSOR (EC 3.4.21.10).//2.4e-07:53:45//ORYCTOLAGUS CUNICULUS
 (RABBIT).//P48038
 F-NT2RP4001927//MICROTUBULE-ASSOCIATED PROTEIN YTM1.//3.1e-19:170:32//SACCHAROMYCES
 CEREVISIAE (BAKER'S YEAST).//Q12024
 20 F-NT2RP4001938//ZINC FINGER PROTEIN MOK-2.//1.3e-28:72:50//MUS MUSCULUS (MOUSE).//P24399
 F-NT2RP4001946//PROTEIN-L-ISOASPARTATE O-METHYLTRANSFERASE (EC 2.1.1.77) (PROTEIN- BETA-
 ASPARTATE METHYLTRANSFERASE) (PIMT) (PROTEIN L-ISOASPARTYL METHYLTRANSFERASE) (L-ISO-
 ASPARTYL PROTEIN CARBOXYL METHYLTRANSFERASE).//4.8e-14:183:30//TRITICUM AESTIVUM
 (WHEAT).//Q43209
 25 F-NT2RP4001950//HYPOTHETICAL PROTEIN ORF-1137.//3.7e-07:115:29//MUS MUSCULUS (MOUSE).//
 P11260
 F-NT2RP4001953
 F-NT2RP4001966//WALL-ASSOCIATED PROTEIN PRECURSOR.//0.13:151:27//BACILLUS SUBTILIS.//
 Q07833
 30 F-NT2RP4001975//FIBRIL-FORMING COLLAGEN ALPHA CHAIN.//0.00031:190:31//RIFTIA PACHYPTILA
 (TUBE WORM).//P30754
 F-NT2RP4002018//RING CANAL PROTEIN (KELCH PROTEIN).//3.5e-18:185:29//DROSOPHILA MELA-
 NOGASTER (FRUIT FLY).//Q04652
 F-NT2RP4002047//GTP-BINDING PROTEIN GUF1 (GTPASE GUF1).//4.0e-49:158:65//SACCHAROMYCES
 35 CEREVISIAE (BAKER'S YEAST).//P46943
 F-NT2RP4002052//HYPOTHETICAL 54.3 KD PROTEIN C23D3.03C IN CHROMOSOME I.//0.0047:148:27//
 SCHIZOSACCHAROMYCES POMBE (FISSION YEAST).//Q09844
 F-NT2RP4002058//PUTATIVE PRE-MRNA SPLICING FACTOR ATP-DEPENDENT RNA HELICASE F56D2.6.//
 0.057:66:30//CAENORHABDITIS ELEGANS.//Q20875
 40 F-NT2RP4002071//VERY HYPOTHETICAL 13.2 KD PROTEIN CY251.09.//0.94:45:46//MYCOBACTERIUM TU-
 BERCULOSIS.//Q10888
 F-NT2RP4002075//TAT PROTEIN (TRANSACTIVATING REGULATORY PROTEIN).//0.44:36:38//HUMAN IMMU-
 NODEFICIENCY VIRUS TYPE 1 (NDK ISOLATE) (HIV-1).//P18804
 F-NT2RP4002078//ZINC FINGER PROTEIN 91 (ZINC FINGER PROTEIN HTF10) (HPF7).//2.6e-19:46:76//HO-
 45 MO SAPIENS (HUMAN).//Q05481
 F-NT2RP4002081//MHC CLASS II REGULATORY FACTOR RFX1 (RFX) (ENHANCER FACTOR C) (EF-C).//
 2.8e-05:196:31//HOMO SAPIENS (HUMAN).//P22670
 F-NT2RP4002083//HYPOTHETICAL PROLINE-RICH PROTEIN (FRAGMENT).//0.0064:29:55//OWENIA FUSI-
 FORMIS.//P21260
 50 F-NT2RP4002408//PROTEIN KINASE CEK1 (EC 2.7.1.-).//1.1e-37:159:53//SCHIZOSACCHAROMYCES
 POMBE (FISSION YEAST).//P38938
 F-NT2RP4002791//30S RIBOSOMAL PROTEIN S20.//1.0:73:26//HELICOBACTER PYLORI (CAMPYLO-
 BACTER PYLORI).//P56027
 F-NT2RP4002888//HYPOTHETICAL PROTEIN TP0352.//0.98:52:26//TREPONEMA PALLIDUM.//O83371
 55 F-NT2RP4002905//G2/MITOTIC-SPECIFIC CYCLIN S13-7 (B-LIKE CYCLIN) (FRAGMENT).//5.9e-05:138:27//
 GLYCINE MAX (SOYBEAN).//P25012
 F-NT2RP5003459//HOMEBOX PROTEIN HOX-A3 (HOX-1.5) (MO-10).//0.027:40:40//MUS MUSCULUS
 (MOUSE).//P02831

EP 1 074 617 A2

F-NT2RP5003461//HYPOTHETICAL PROTEIN C22F3.14C IN CHROMOSOME I (FRAGMENT)//1.1e-12:142:35//SCHIZOSACCHAROMYCES POMBE (FISSION YEAST)//Q09779
F-NT2RP5003477//VEGETATIBLE INCOMPATIBILITY PROTEIN HET-E-1//5.3e-13:215:28//PODOSPORA ANSERINA//Q00808
5 F-NT2RP5003492//GLUCOAMYLASE S1/S2 PRECURSOR (EC 3.2.1.3) (GLUCAN 1,4-ALPHA- GLUCOSIDASE) (1,4-ALPHA-D-GLUCAN GLUCOHYDROLASE)//0.0055:144:27//SACCHAROMYCES CEREVISIAE (BAKER'S YEAST)//P08640
F-NT2RP5003500//PROLINE-RICH PROTEIN MP-2 PRECURSOR//9.0e-05:103:38//MUS MUSCULUS (MOUSE)//P05142
10 F-NT2RP5003506//MALE SPECIFIC SPERM PROTEIN MST87F//0.53:21:38//DROSOPHILA MELANOGASTER (FRUIT FLY)//P08175
F-NT2RP5003512//HYPOTHETICAL PROTEIN IN CYCB 3'REGION PRECURSOR (ORF2) (FRAGMENT)//0.92:49:32//PARACOCCLUS DENITRIFICANS//P29969
F-NT2RP5003522//NADPH-CYTOCHROME P450 REDUCTASE (EC 1.6.2.4) (CPR)//2.7e-18:165:39//PHASEOLUS AUREUS (MUNG BEAN) (VIGNA RADIATA)//P37116
15 F-NT2RP5003524//COLLAGEN ALPHA 1(I) CHAIN (FRAGMENTS)//6.0e-08:125:41//RATTUS NORVEGICUS (RAT)//P02454
F-NT2RP5003534//ATP SYNTHASE, SUBUNIT F (EC 3.6.1.34)//0.88:37:45//HALOBACTERIUM VOLCANII (HALOFERAX VOLCANII)//Q48331
20 F-OVARC1000001//GAR22 PROTEIN//1.9e-05:41:58//HOMO SAPIENS (HUMAN)//Q99501
F-OVARC1000004//70 KD EXOCYST COMPLEX PROTEIN//3.7e-08:186:25//SACCHAROMYCES CEREVISIAE (BAKER'S YEAST)//P19658
F-OVARC1000006//HISTONE H2A.1//4.7e-55:117:98//RATTUS NORVEGICUS (RAT)//P02262
F-OVARC1000013//WD-REPEAT PROTEIN POP1//0.00022:126:28//SCHIZOSACCHAROMYCES POMBE (FISSION YEAST)//P87060
25 F-OVARC1000014//PROCOLLAGEN ALPHA 1(I) CHAIN PRECURSOR//2.3e-05:220:30//GALLUS GALLUS (CHICKEN)//P02457
F-OVARC1000017//CUTICLE COLLAGEN DPY-13//2.6e-05:97:30//CAENORHABDITIS ELEGANS//P17657
F-OVARC1000035
30 F-OVARC1000058//RAS-RELATED PROTEIN RABC//0.00015:110:24//DICTYOSTELIUM DISCOIDEUM (SLIME MOLD)//P34143
F-OVARC1000060//EXTRACELLULAR RIBONUCLEASE LE PRECURSOR (EC 3.1.27.1) (RNASE LE)//6.8e-09:60:45//LYCOPERSICON ESCULENTUM (TOMATO)//P80022
F-OVARC1000068//CYTOTOXIN 4 (CARDIOTOXIN V-II-4)//1.0:27:44//NAJA MOSSAMBICA (MOZAMBIQUE COBRA)//P01452
35 F-OVARC1000071//NUCLEAR TRANSPORT FACTOR 2 (NTF-2) (PLACENTAL PROTEIN 15) (PP15)//5.2e-06:115:29//HOMO SAPIENS (HUMAN), AND RATTUS NORVEGICUS (RAT)//P13662
F-OVARC1000085
F-OVARC1000087//HISTONE MACRO-H2A.1//1.2e-13:174:26//RATTUS NORVEGICUS (RAT)//Q02874
40 F-OVARC1000091//OCTAPEPTIDE-REPEAT PROTEIN T2//0.0013:137:32//MUS MUSCULUS (MOUSE)//Q06666
F-OVARC1000092//MITOCHONDRIAL RIBOSOMAL PROTEIN S7//0.97:46:39//ACANTHAMOEBA CASTELLANII (AMOEBEBA)//P46756
F-OVARC1000106//HYPOTHETICAL 141.5 KD PROTEIN IN YPT53-RHO2 INTERGENIC REGION//0.0012:165:29//SACCHAROMYCES CEREVISIAE (BAKER'S YEAST)//P53935
45 F-OVARC1000109//PROLINE RICH 33 KD EXTENSIN-RELATED PROTEIN PRECURSOR (FRAGMENT)//0.18:35:34//DAUCUS CAROTA (CARROT)//P06600
F-OVARC1000113//HYPOTHETICAL PROTEIN C18//1.0:26:26//SWINEPOX VIRUS (STRAIN KASZA) (SPV)//P32217
50 F-OVARC1000114//!!!! ALU SUBFAMILY SQ WARNING ENTRY !!!!!//3.6e-28:57:63//HOMO SAPIENS (HUMAN)//P39194
F-OVARC1000133
F-OVARC1000139//UBIQUITIN CARBOXYL-TERMINAL HYDROLASE 4 (EC 3.1.2.15) (UBIQUITIN THIOLESTERASE 4) (UBIQUITIN-SPECIFIC PROCESSING PROTEASE 4) (DEUBIQUITINATING ENZYME 4) (UBIQUITOUS NUCLEAR PROTEIN HOMOLOG)//1.9e-09:200:29//HOMO SAPIENS (HUMAN)//Q13107
55 F-OVARC1000145//HOMEBOX PROTEIN DLX-3//1.0:65:30//BRACHYDANIO RERIO (ZEBRAFISH) (ZEBRA DANIO)//Q01702
F-OVARC1000148//HYPHAL WALL PROTEIN 1 (CELL ELONGATION PROTEIN 2)//0.12:175:29//CANDIDA AL-

BICANS (YEAST)//P46593
 F-OVARC1000151//HYPOTHETICAL PROTEIN KIAA0161//5.6e-20:197:30//HOMO SAPIENS (HUMAN)//
 P50876
 F-OVARC1000168//!!!! ALU SUBFAMILY J WARNING ENTRY !!!!!/0.0030:77:38//HOMO SAPIENS (HUMAN)//
 5 P39188
 F-OVARC1000191//COLANIC ACID BIOSYNTHESIS PROTEIN WCAH//0.95:56:35//ESCHERICHIA COLI//
 P32056
 F-OVARC1000198//HISTONE H1.C2//0.96:70:25//TRYPANOSOMA CRUZI//P40268
 F-OVARC1000209//HYPOTHETICAL 20.9 KD PROTEIN IN PLB1-HXT2 INTERGENIC REGION//2.5e-33:178:
 10 44//SACCHAROMYCES CEREVISIAE (BAKER'S YEAST)//Q03677
 F-OVARC1000212//PROLINE-RICH PROTEIN MP-2 PRECURSOR//1.7e-05:66:46//MUS MUSCULUS
 (MOUSE)//P05142
 F-OVARC1000240//!!!! ALU SUBFAMILY SP WARNING ENTRY !!!!!/1.8e-10:41:78//HOMO SAPIENS (HUMAN)//
 P39193
 15 F-OVARC1000241//ENDOTHELIAL PAS DOMAIN PROTEIN 1 (EPAS-1) (HIF-1 ALPHA-LIKE FACTOR) (MHLF)
 (HIF-RELATED FACTOR) (HRF)//7.4e-54:177:54//MUS MUSCULUS (MOUSE)//P97481
 F-OVARC1000288//HYPOTHETICAL 54.2 KD PROTEIN IN ERP5-ORC6 INTERGENIC REGION//2.9e-20:115:
 45//SACCHAROMYCES CEREVISIAE (BAKER'S YEAST)//P38821
 F-OVARC1000302//CORTICOSTEROID-BINDING GLOBULIN PRECURSOR (CBG) (TRANSCORTIN)//1.0:79:
 20 25//MUS MUSCULUS (MOUSE)//Q06770
 F-OVARC1000304//PROTEIN MOV-10//1.6e-79:181:83//MUS MUSCULUS (MOUSE)//P23249
 F-OVARC1000309//THREONINE SYNTHASE (EC 4.2.99.2)//6.9e-36:156:42//ASHBYA GOSSYP II (EREMOTH-
 ECIUM GOSSYP II)//Q00063
 F-OVARC1000321//HYPOTHETICAL 28.1 KD PROTEIN C4F8.03 IN CHROMOSOME 1//5.2e-45:159:53//
 25 SCHIZOSACCHAROMYCES POMBE (FISSION YEAST)//O14179
 F-OVARC1000326//BASIC PROLINE-RICH PEPTIDE IB-1//0.036:67:35//HOMO SAPIENS (HUMAN)//P04281
 F-OVARC1000335//HYPOTHETICAL 39.3 KD PROTEIN IN GCN4-WBP1 INTERGENIC REGION//1.2e-16:200:
 27//SACCHAROMYCES CEREVISIAE (BAKER'S YEAST)//P40004
 F-OVARC1000347//HYPOTHETICAL 7.6 KD PROTEIN YCF33//0.69:41:43//CYANOPHORA PARADOXA//
 30 P48273
 F-OVARC1000384//ANTIFREEZE PEPTIDE 4 PRECURSOR//0.98:49:34//PSEUDOPLEURONECTA AMERI-
 CANUS (WINTER FLOUNDER)//P02734
 F-OVARC1000408//INTEGUMENTARY MUCIN C.1 (FIM-C.1) (FRAGMENT)//8.1e-05:115:33//XENOPUS LAE-
 VIS (AFRICAN CLAWED FROG)//Q05049
 35 F-OVARC1000411//DYNACTIN, 150 KD ISOFORM (150 KD DYNEIN-ASSOCIATED POLYPEPTIDE) (DP-150)
 (DAP-150) (P150-GLUED)//0.00076:100:29//RATTUS NORVEGICUS (RAT)//P28023
 F-OVARC1000414//HYPOTHETICAL 7.0 KD PROTEIN IN BLTR-SPOIIC INTERGENIC REGION//1.0:46:34//
 BACILLUS SUBTILIS//P54431
 F-OVARC1000420//COLLAGEN ALPHA 2(VIII) CHAIN (ENDOTHELIAL COLLAGEN) (FRAGMENT)//0.0028:97:
 40 37//HOMO SAPIENS (HUMAN)//P25067
 F-OVARC1000427//HYPOTHETICAL 13.9 KD PROTEIN IN PRFA-SPOIIR INTERGENIC REGION//0.70:21:47//
 BACILLUS SUBTILIS//P39150
 F-OVARC1000431
 F-OVARC1000437//TENSIN//9.2e-42:195:52//GALLUS GALLUS (CHICKEN)//Q04205
 45 F-OVARC1000440//PINCH PROTEIN (PARTICULARLY INTERESTING NEW CYS-HIS PROTEIN)//3.4e-31:37:
 97//HOMO SAPIENS (HUMAN)//P48059
 F-OVARC1000442
 F-OVARC1000443//CUTICLE COLLAGEN 2C (FRAGMENT)//0.0056:163:34//HAEMONCHUS CONTORTUS//
 P16252
 50 F-OVARC1000461//FIXU PROTEIN//0.36:36:44//RHIZOBIUM LEGUMINOSARUM (BIOVAR TRIFOLII)//
 P42710
 F-OVARC1000465//PROTEIN TRANSPORT PROTEIN SEC7//2.4e-14:222:26//SACCHAROMYCES CEREVI-
 SIAE (BAKER'S YEAST)//P11075
 F-OVARC1000466//!!!! ALU SUBFAMILY SC WARNING ENTRY !!!!!/2.3e-08:29:93//HOMO SAPIENS (HUMAN)//
 55 P39192
 F-OVARC1000473//DUAL SPECIFICITY PROTEIN PHOSPHATASE 7 (EC 3.1.3.48) (EC 3.1.3.16) (DUAL SPE-
 CIFICITY PROTEIN PHOSPHATASE MKP-X) (FRAGMENT)//2.8e-06:96:36//RATTUS NORVEGICUS (RAT)//
 Q63340

- F-OVARC1000479//PHOTOSYSTEM I REACTION CENTRE SUBUNIT X (PSI-K)//0.99:48:37//CYANIDIUM CALDARIUM (GALDIERIA SULPHURARIA)//P31567 F-OVARC1000486
- F-OVARC1000496//HYPOTHETICAL PROTEIN MJ1213//1.0:62:32//METHANOCOCCUS JANNASCHII//Q58610
- 5 F-OVARC1000520//MEROZOITE SURFACE PROTEIN CMZ-8 (FRAGMENT)//0.0011:66:40//EIMERIA ACERVULINA//P09125
- F-OVARC1000526//PROTEIN Q300//1.2e-05:51:43//MUS MUSCULUS (MOUSE)//Q02722
- F-OVARC1000533//NEURONAL PROTEIN 3.1 (P311 PROTEIN)//0.74:43:41//HOMO SAPIENS (HUMAN)//Q16612
- 10 F-OVARC1000543//POLYPEPTIDE N-ACETYL GALACTOSAMINYLTRANSFERASE (EC 2.4.1.41) (PROTEIN-UDP ACETYL GALACTOSAMINYLTRANSFERASE) (UDP-GALNAC:POLYPEPTIDE, N- ACETYL GALACTOSAMINYLTRANSFERASE) (GALNAC-T1)//2.3e-23:192:35//HOMO SAPIENS (HUMAN)//Q10472
- F-OVARC1000556
- F-OVARC1000557//!!!! ALU SUBFAMILY J WARNING ENTRY !!!!!//1.6e-08:80:47//HOMO SAPIENS (HUMAN)//P39188
- 15 F-OVARC1000564//VPX PROTEIN (X ORF PROTEIN) (VIRAL ACCESSORY PROTEIN)//0.45:32:50//HUMAN IMMUNODEFICIENCY VIRUS TYPE 2 (ISOLATE D194) (HIV-2)//P17760
- F-OVARC1000573
- F-OVARC1000576//BETA-DEFENSIN 1 (BNDB-1)//0.47:29:41//BOS TAURUS (BOVINE)//P46159
- 20 F-OVARC1000578//COLLAGEN ALPHA 1(II) CHAIN (FRAGMENTS)//0.023:96:36//BOS TAURUS (BOVINE)//P02459
- F-OVARC1000588//MITOCHONDRIAL 60S RIBOSOMAL PROTEIN L3//0.75:57:29//HOMO SAPIENS (HUMAN)//P09001
- F-OVARC1000605//AUTOLYSIN PRECURSOR (EC 3.4.24.38) (GAMETE LYTIC ENZYME) (GLE)//0.91:134:28//CHLAMYDOMONAS REINHARDTII//P31178
- 25 F-OVARC1000622//!!!! ALU SUBFAMILY SB WARNING ENTRY !!!!!//2.6e-36:100:80//HOMO SAPIENS (HUMAN)//P39189
- F-OVARC1000640//HYPOTHETICAL 8.5 KD PROTEIN YCF40 (ORF73)//0.96:34:38//ODONTELLA SINENSIS//P49535
- 30 F-OVARC1000649//ANTHER-SPECIFIC PROTEIN SF18 PRECURSOR (FRAGMENT)//0.0036:64:37//HELIANTHUS ANNUUS (COMMON SUNFLOWER)//P22357
- F-OVARC1000661//COLLAGEN ALPHA 2(I) CHAIN (FRAGMENTS)//0.21:53:47//RATTUS NORVEGICUS (RAT)//P02466
- F-OVARC1000678//BACTERIOCIN MICROCIN B17 PRECURSOR (MCB17)//1.0:17:58//ESCHERICHIA COLI//P05834
- 35 F-OVARC1000679//DNA-DIRECTED RNA POLYMERASE OMEGA CHAIN (EC 2.7.7.6) (TRANSCRIPTASE OMEGA CHAIN) (RNA POLYMERASE OMEGA SUBUNIT)//0.096:67:29//ESCHERICHIA COLI//P08374
- F-OVARC1000681//PROTEIN Q300//0.72:16:43//MUS MUSCULUS (MOUSE)//Q02722
- F-OVARC1000682//PROCESSING ALPHA-1,2-MANNOSIDASE (EC 3.2.1.-) (ALPHA-1,2-MANNOSIDASE 1B)//7.6e-70:102:99//MUS MUSCULUS (MOUSE)//P39098
- 40 F-OVARC1000689//CADMIUM-METALLOTHIONEIN (CD-MT)//0.032:30:40//HELIX POMATIA (ROMAN SNAIL) (EDIBLE SNAIL)//P33187
- F-OVARC1000700//BRAIN NEURON CYTOPLASMIC PROTEIN 2//0.17:60:40//RATTUS NORVEGICUS (RAT)//P02684
- 45 F-OVARC1000703//BASIC PROLINE-RICH PEPTIDE P-E⁻ (IB-9)//0.57:42:42//HOMO SAPIENS (HUMAN)//P02811
- F-OVARC1000722//N-ACETYLLACTOSAMINE SYNTHASE (EC 2.4.1.90) (N-ACETYLGLUCOSAMINE (BETA 1->4) GALACTOSYLTRANSFERASE) (EC 2.4.1.38) (LACTOSE SYNTHASE A PROTEIN (EC 2.4.1.22)) (GALACTOSYLTRANSFERASE) (GT)//1.1e-20:44:70//BOS TAURUS (BOVINE)//P08037
- 50 F-OVARC1000730//HYPOTHETICAL 83.8 KD PROTEIN C27F2.7 IN CHROMOSOME III//5.2e-29:224:36//CAENORHABDITIS ELEGANS//Q18262
- F-OVARC1000746//MATERNAL EFFECT PROTEIN STAUFEN//6.2e-12:78:48//DROSOPHILA MELANOGASTER (FRUIT FLY)//P25159
- F-OVARC1000769
- 55 F-OVARC1000771//RAS-RELATED PROTEIN RAB-2//1.1e-46:121:79//HOMO SAPIENS (HUMAN), AND CANIS FAMILIARIS (DOG)//P08886
- F-OVARC1000781//HOMEBOX PROTEIN GBX-2 (GASTRULATION AND BRAIN-SPECIFIC HOMEBOX PROTEIN 2)//0.81:36:52//HOMO SAPIENS (HUMAN)//P52951

F-OVARC1000787//40S RIBOSOMAL PROTEIN S14 (FRAGMENT)//0.96:37:48//SUS SCROFA (PIG)//Q29303
 F-OVARC1000800//!!!! ALU SUBFAMILY SB WARNING ENTRY !!!!!/2.5e-31:47:82//HOMO SAPIENS (HUMAN)//
 P39189
 5 F-OVARC1000802//HYPOTHETICAL 8.8 KD PROTEIN B0302.2 IN CHROMOSOME X//0.16:55:40//
 CAENORHABDITIS ELEGANS//Q10926
 F-OVARC1000834//SERINE/THREONINE-PROTEIN KINASE-PAK-ALPHA (EC 2.7.1.-) (P68-PAK) (P21- ACTI-
 VATED KINASE) (ALPHA-PAK) (PROTEIN KINASE MUK2)//0:87:140:31//RATTUS NORVEGICUS (RAT)//
 P35465
 10 F-OVARC1000846//NUCLEOLIN (PROTEIN C23)//7.0e-07:109:30//MESOCRICETUS AURATUS (GOLDEN
 HAMSTER)//P08199
 F-OVARC1000850//HYPOTHETICAL 56.2 KD PROTEIN IN ERG8-UBP8 INTERGENIC REGION//6.9e-09:180:
 28//SACCHAROMYCES CEREVISIAE (BAKER'S YEAST)//Q04991
 F-OVARC1000862//UBIQUITIN-CONJUGATING ENZYME E2-17.5 KD (EC 6.3.2.19) (UBIQUITIN- PROTEIN
 15 LIGASE) (UBIQUITIN CARRIER PROTEIN)//0.0020:74:28//SACCHAROMYCES CEREVISIAE (BAKER'S
 YEAST)//P52490
 F-OVARC1000876//MOB1 PROTEIN (MPS1 BINDER 1)//9.8e-39:154:55//SACCHAROMYCES CEREVISIAE
 (BAKER'S YEAST)//P40484
 F-OVARC1000883//METALLOTHIONEIN-I//0.87:38:36//CANDIDA GLABRATA (YEAST) (TORULOPSIS GLA-
 BRATA)//P15113
 20 F-OVARC1000885//OXIDOREDUCTASE UCPA (EC 1.-.-.-)//2.8e-18:170:34//ESCHERICHIA COLI//P37440
 F-OVARC1000886//COLLAGEN ALPHA 2(I) CHAIN (FRAGMENT)//0.00033:60:45//BOS TAURUS (BOVINE)//
 P02465
 F-OVARC1000890//PROBABLE E5 PROTEIN//0.92:7:71//HUMAN PAPILLOMAVIRUS TYPE 70//P50774
 F-OVARC1000891//HYPOTHETICAL 8.3 KD PROTEIN (ORF5)//1 0:36:36//PARAMECIUM TETRAURELIA//
 25 P15606
 F-OVARC1000897//HYPOTHETICAL 6.1 KD PROTEIN PRECURSOR (ORF87)//1.0:34:44//ORGYIA PSEU-
 DOTSUGATA MULTICAPSID POLYHEDROSIS VIRUS (OPMPV)//O10337
 F-OVARC1000912//PUTATIVE CUTICLE COLLAGEN C09G5.4//4.0e-07:98:35//CAENORHABDITIS ELE-
 GANS//Q09455
 30 F-OVARC1000915//HYPOTHETICAL PROTEIN KIAA0288 (HA6116)//1.7e-47:115:76//HOMO SAPIENS (HU-
 MAN)//P56524
 F-OVARC1000924//CYTOCHROME B (EC 1.10.2.2) (FRAGMENT)//0.99:54:24//BOA CONSTRICTOR (BOA)//
 P92848
 F-OVARC1000936//HYPOTHETICAL 7.5 KD PROTEIN IN INAA-GLPQ INTERGENIC REGION//1.0:48:33//ES-
 35 CHERICHIA COLI//P45505
 F-OVARC1000937//PROCOLLAGEN ALPHA 1(I) CHAIN PRECURSOR//1.0:135:31//HOMO SAPIENS (HU-
 MAN)//P02452
 F-OVARC1000945//EARLY E1A 11 KD PROTEIN//0.087:81:24//MOUSE ADENOVIRUS TYPE 1 (MAV-1)//
 P12533
 40 F-OVARC1000948
 F-OVARC1000959//HYPOTHETICAL PROTEIN MJ0933//0.99:67:28//METHANOCOCCUS JANNASCHII//
 Q58343
 F-OVARC1000960//!!!! ALU SUBFAMILY SP WARNING ENTRY !!!!!/1.8e-32:56:75//HOMO SAPIENS (HUMAN)//
 P39193
 45 F-OVARC1000964//MAMBIN (GLYCOPROTEIN IIB-IIA ANTAGONIST) (PLATELET AGGREGATION INHIBITOR)
 (DENDROASPIN)//1.0:30:36//DENDROASPIS JAMESONI KAIMOSAE (EASTERN JAMESON'S MAMBA)//
 P28375
 F-OVARC1000971
 F-OVARC1000984//HYPOTHETICAL 52.3 KD PROTEIN IN MRPL10-ERG24 INTERGENIC REGION PRECUR-
 50 SOR//0.093:36:47//SACCHAROMYCES CEREVISIAE (BAKER'S YEAST)//P53832
 F-OVARC1000996//MO25 PROTEIN//1.9e-39:80:95//MUS MUSCULUS (MOUSE)//Q06138
 F-OVARC1000999//BRAIN-SPECIFIC HOMEBOX/POU DOMAIN PROTEIN 1 (BRN-1 PROTEIN)//0.00020:50:
 40//HOMO SAPIENS (HUMAN)//P20264
 F-OVARC1001000//!!!! ALU SUBFAMILY SX WARNING ENTRY !!!!!/1.4e-16:43:90//HOMO SAPIENS (HUMAN)//
 55 P39195
 F-OVARC1001004//MALE SPECIFIC SPERM PROTEIN MST84DA//0.95:33:42//DROSOPHILA MELA-
 NOGASTER (FRUIT FLY)//Q01642
 F-OVARC1001010//HYPOTHETICAL PROTEIN MJ0926//0.50:71:23//METHANOCOCCUS JANNASCHII//

Q58336

F-OVARC1001011//CORTISTATIN PRECURSOR//0.81:45:37//RATTUS NORVEGICUS (RAT)//Q62949
 F-OVARC1001032//FERREDOXIN LIKE PROTEIN//1.0:26:46//RHIZOBIUM LEGUMINOSARUM (BIOVAR PHASEOLI)//Q05561

5 F-OVARC1001034//METALLOTHIONEIN-IG (MT-1G)//0.14:9:77//HOMO SAPIENS (HUMAN)//P13640

F-OVARC1001038//NUCLEOLIN (PROTEIN C23)//3.2e-07:36:80//HOMO SAPIENS (HUMAN)//P19338

F-OVARC1001040//!!!! ALU SUBFAMILY SQ WARNING ENTRY !!!!!/1.5e-18:45:60//HOMO SAPIENS (HUMAN)//P39194

10 F-OVARC1001044//BIS(5'-NUCLEOSYL)-TETRAPHOSPHATASE (SYMMETRICAL) (EC 3.6.1.41) (DIADENOSINE TETRAPHOSPHATASE)//0.88:43:39//ESCHERICHIA COLI//P05637

F-OVARC1001051//SERINE PROTEINASE STUBBLE (EC 3.4.21.-) (STUBBLE-STUBBLOID PROTEIN)//0.34:117:25//DROSOPHILA MELANOGASTER (FRUIT FLY)//Q05319

F-OVARC1001055//PRE-B CELL ENHANCING FACTOR PRECURSOR//1.6e-33:43:97//HOMO SAPIENS (HUMAN)//P43490

15 F-OVARC1001062

F-OVARC1001065//METHIONYL-TRNA SYNTHETASE (EC 6.1.1.10) (METHIONINE--TRNA LIGASE) (METRS)//0.79:76:39//BORRELIA BURGDORFERI (LYME DISEASE SPIROCHETE)//Q44951

F-OVARC1001068//GTP-BINDING PROTEIN ERA HOMOLOG (FRAGMENT)//5.3e-15:100:44//BRADYRHIZOBIUM JAPONICUM//O69162

20 F-OVARC1001072//!!!! ALU SUBFAMILY J WARNING ENTRY !!!!!/0.0076:41:56//HOMO SAPIENS (HUMAN)//P39188

F-OVARC1001074//60S RIBOSOMAL PROTEIN L38//1.0:32:40//LYCOPERSICON ESCULENTUM (TOMATO)//P46291

25 F-OVARC1001085//HYPOTHETICAL 126.5 KD PROTEIN C13F4.06 IN CHROMOSOME 1//0.73:135:25//SCHIZOSACCHAROMYCES POMBE (FISSION YEAST)//Q10197

F-OVARC1001092//HYPOTHETICAL 51.2 KD PROTEIN IN PET54-DIE2 INTERGENIC REGION//5.6e-05:30:56//SACCHAROMYCES CEREVISIAE (BAKER'S YEAST)//P50079

F-OVARC1001107//SHK1 KINASE-BINDING PROTEIN 1//1.8e-08:52:51//SCHIZOSACCHAROMYCES POMBE (FISSION YEAST)//P78963

30 F-OVARC1001113//DIAPHANOUS PROTEIN//1.9e-33:218:35//DROSOPHILA MELANOGASTER (FRUIT FLY)//P48608

F-OVARC1001117//GENE 7 PROTEIN//0.68:12:50//SPIROPLASMA VIRUS 4 (SPV4)//P11339

F-OVARC1001118

F-OVARC1001129//30S RIBOSOMAL PROTEIN S17//0.15:57:22//AQUIFEX AEOLICUS//O66439

35 F-OVARC1001154//GRANULINS PRECURSOR (ACROGRANIN)//2.3e-95:99:77//MUS MUSCULUS (MOUSE)//P28798

F-OVARC1001161//GUANINE NUCLEOTIDE-BINDING PROTEIN BETA SUBUNIT//0.17:87:34//ARABIDOPSIS THALIANA (MOUSE-EAR CRESS)//P49177

F-OVARC1001162

40 F-OVARC1001167//TRBD PROTEIN//0.92:24:45//ESCHERICHIA COLI//P41070

F-OVARC1001169//FRUCTOSE-1,6-BISPHOSPHATASE (EC 3.1.3.11) (D-FRUCTOSE-1,6-BISPHOSPHATE 1-PHOSPHOHYDROLASE) (FBPASE) (FRAGMENT)//0.82:35:40//MUS MUSCULUS (MOUSE)//P97323

F-OVARC1001170//PROLINE-RICH PEPTIDE P-B//0.17:27:37//HOMO SAPIENS (HUMAN)//P02814

45 F-OVARC1001171//!!!! ALU SUBFAMILY J WARNING ENTRY !!!!!/0.00023:28:75//HOMO SAPIENS (HUMAN)//P39188

F-OVARC1001173

F-OVARC1001176//HYPOTHETICAL BHLF1 PROTEIN//2.7e-05:158:31//EPSTEIN-BARR VIRUS (STRAIN B95-8) (HUMAN HERPESVIRUS 4)//P03181

50 F-OVARC1001180//UBIQUITIN-LIKE PROTEIN DSK2//1.4e-12:208:25//SACCHAROMYCES CEREVISIAE (BAKER'S YEAST)//P48510

F-OVARC1001188//HYPOTHETICAL 27.8 KD PROTEIN IN VMA7-RPS25A INTERGENIC REGION//3.3e-31:129:51//SACCHAROMYCES CEREVISIAE (BAKER'S YEAST)//P53215

F-OVARC1001200//HYPOTHETICAL 49.0 KD PROTEIN IN NSP1-KAR2 INTERGENIC REGION//0.018:148:26//SACCHAROMYCES CEREVISIAE (BAKER'S YEAST)//P47057

55 F-OVARC1001232//HYPOTHETICAL PROTEIN MJ1236//2.5e-27:141:39//METHANOCOCCUS JANNASCHII//Q58633

F-OVARC1001240

F-OVARC1001243

F-OVARC1001244//RING3 PROTEIN (KIAA9001)//1.7e-13:37:91//HOMO SAPIENS (HUMAN)//P25440
 F-OVARC1001261//OCTAPEPTIDE-REPEAT PROTEIN T2//1.3e-07:109:35//MUS MUSCULUS (MOUSE)//
 Q06666
 5 F-OVARC1001268//HYPOTHETICAL 57.4 KD PROTEIN IN PILT REGION (ORF4)//0.71:43:41//PSEU-
 DOMONAS AERUGINOSA//P24563
 F-OVARC1001270//HYPOTHETICAL 9.0 KD PROTEIN IN UVSW-UVSY INTERGENIC REGION//1.0:44:29//
 BACTERIOPHAGE T4//P32281
 F-OVARC1001271//HYPOTHETICAL 104.7 KD PROTEIN F23F12.8 IN CHROMOSOME III PRECURSOR//
 10 0.00015:188:23//CAENORHABDITIS ELEGANS//P46504
 F-OVARC1001282
 F-OVARC1001296//WEB1 PROTEIN (PROTEIN TRANSPORT PROTEIN SEC31)//0.022:101:31//SACCHARO-
 MYCES CEREVISIAE (BAKER'S YEAST)//P38968
 F-OVARC1001306//HYPOTHETICAL 52.9 KD SERINE-RICH PROTEIN C11G7.01 IN CHROMOSOME I//0.023:
 134:26//SCHIZOSACCHAROMYCES POMBE (FISSION YEAST)//O13695
 15 F-OVARC1001329//CHLOROPLAST TRIOSE PHOSPHATE TRANSLOCATOR PRECURSOR (CTPT)//1.3e-14:
 150:28//ZEA MAYS (MAIZE)//P49133
 F-OVARC1001330
 F-OVARC1001339//RIBONUCLEOPROTEIN RB97D//0.0013:55:38//DROSOPHILA MELANOGASTER (FRUIT
 FLY)//Q02926
 20 F-OVARC1001341//HYPOTHETICAL 74.0 KD PROTEIN IN CAJ1-HOM3 INTERGENIC REGION//4.9e-17:110:
 43//SACCHAROMYCES CEREVISIAE (BAKER'S YEAST)//P40032
 F-OVARC1001342
 F-OVARC1001344//PREPROTEIN TRANSLOCASE SECE SUBUNIT//0.99:39:23//STAPHYLOCOCCUS CAR-
 NOSUS//P36253
 25 F-OVARC1001357//METALLOTHIONEIN//0.99:28:42//XENOPUS LAEVIS (AFRICAN CLAWED FROG)//
 Q05890
 F-OVARC1001360//LARGE PROLINE-RICH PROTEIN BAT2 (HLA-B-ASSOCIATED TRANSCRIPT 2)//0.86:109:
 31//HOMO SAPIENS (HUMAN)//P48634
 F-OVARC1001369//COLLAGEN ALPHA 2(I) CHAIN (FRAGMENT)//6.7e-05:124:36//BOS TAURUS (BOVINE)//
 30 P02465
 F-OVARC1001372//HYPOTHETICAL 34.5 KD PROTEIN IN CLCB-CLCD INTERGENIC REGION PRECUR-
 SOR//0.75:33:48//PSEUDOMONAS PUTIDA, AND PSEUDOMONAS SP. (STRAIN B13)//Q47100
 F-OVARC1001376//!!!! ALU SUBFAMILY J WARNING ENTRY !!!!//2.8e-24:96:61//HOMO SAPIENS (HUMAN)//
 P39188
 35 F-OVARC1001381//MEMBRANE-ASSOCIATED ATPASE EPSILON CHAIN (EC 3.6.1.34) (SUL-ATPASE EPSI-
 LON)//0.96:46:39//SULFOLOBUS ACIDOCALDARIUS//P23039
 F-OVARC1001391//SALIVARY PROLINE-RICH PROTEIN PO (ALLELE K) [CONTAINS: PEPTIDE P-D] (FRAG-
 MENT)//0.00024:189:29//HOMO SAPIENS (HUMAN)//P10162
 F-OVARC1001399//!!!! ALU SUBFAMILY SX WARNING ENTRY !!!!//0.062:18:77//HOMO SAPIENS (HUMAN)//
 40 P39195
 F-OVARC1001417//HYPOTHETICAL 157.0 KD PROTEIN C38C10.5 IN CHROMOSOME III//0.010:185:23//
 CAENORHABDITIS ELEGANS//Q03570
 F-OVARC1001419//A-TYPE INCLUSION PROTEIN (ATI)//0.50:135:28//CAMELPOX VIRUS (STRAIN CP-1)//
 Q05482
 45 F-OVARC1001425//COLLAGEN ALPHA 1(X) CHAIN PRECURSOR//0.43:85:40//HOMO SAPIENS (HUMAN)//
 Q03692
 F-OVARC1001436//HYPOTHETICAL 11.4 KD PROTEIN (C4 PROTEIN)//0.031:100:30//TOMATO YELLOW
 LEAF CURL VIRUS (STRAIN AUSTRALIA) (TYLCV)//P36283
 F-OVARC1001442//HOMEBOX PROTEIN HTR-A2 (FRAGMENT)//1.0:32:34//HELOBDELLA TRISERIALIS
 50 (LEECH)//P17138
 F-OVARC1001453//METALLOTHIONEIN-III (MT-III) (GROWTH INHIBITORY FACTOR) (GIF)//0.74:19:47//MUS
 MUSCULUS (MOUSE)//P28184
 F-OVARC1001476//GTP-BINDING PROTEIN GTR2//3.0e-12:114:34//SACCHAROMYCES CEREVISIAE (BAK-
 ER'S YEAST)//P53290
 55 F-OVARC1001480//COLLAGEN ALPHA 2(VI) CHAIN PRECURSOR//0.00019:134:32//MUS MUSCULUS
 (MOUSE)//Q02788
 F-OVARC1001489//HYPOTHETICAL PROTEIN HI1270//0.98:30:43//HAEMOPHILUS INFLUENZAE//P44149
 F-OVARC1001496//C-TERMINAL BINDING PROTEIN 2//4.0e-65:132:100//HOMO SAPIENS (HUMAN)//

P56545

F-OVARC1001506//POLYCYSTIN PRECURSOR (AUTOSOMAL DOMINANT POLYCYSTIC KIDNEY DISEASE PROTEIN 1)//3.2e-70:159:94//HOMO SAPIENS (HUMAN)//P98161

F-OVARC1001525//FIBROBLAST GROWTH FACTOR INDUCIBLE PROTEIN 14 (FIN14)//1.0:36:33//MUS MUSCULUS (MOUSE)//Q61077

F-OVARC1001542//SMALL PROLINE-RICH PROTEIN 2B (SPR-2B)//0.69:57:33//HOMO SAPIENS (HUMAN)//P35325

F-OVARC1001547

F-OVARC1001555//NGG1-INTERACTING FACTOR 3//7.6e-16:148:34//SACCHAROMYCES CEREVISIAE (BAKER'S YEAST)//P53081

F-OVARC1001577//SPLICING FACTOR, ARGININE/SERINE-RICH 2 (SPLICING FACTOR SC35) (SC-35) (SPLICING COMPONENT, 35 KD) (PR264 PROTEIN)//8.8e-38:94:81//GALLUS GALLUS (CHICKEN)//P30352

F-OVARC1001600//GENE 7 PROTEIN//0.80:38:39//SPIROPLASMA VIRUS SPV1-R8A2 B//P15898

F-OVARC1001610//DIACYLGLYCEROL CHOLINEPHOSPHOTRANSFERASE (EC 2.7.8.2) (SN-1,2-DIACYLGLYCEROL CHOLINEPHOSPHOTRANSFERASE) (CHOPT)//1.6e-22:122:39//SACCHAROMYCES CEREVISIAE (BAKER'S YEAST)//P17898

F-OVARC1001611

F-OVARC1001615//HYPOTHETICAL 6.1 KD PROTEIN C03B1.10 IN CHROMOSOME X//0.30:43:34//CAENORHABDITIS ELEGANS//Q11116

F-OVARC1001668//ALU SUBFAMILY SC WARNING ENTRY !!!!!//1.0e-19:45:82//HOMO SAPIENS (HUMAN)//P39192

F-OVARC1001702//SOX-20 PROTEIN//2.4e-28:71:83//HOMO SAPIENS (HUMAN)//O60248

F-OVARC1001703//INTERFERON-INDUCED GUANYLATE-BINDING PROTEIN 1 (GUANINE NUCLEOTIDE-BINDING PROTEIN 1) (INTERFERON-GAMMA INDUCIBLE PROTEIN MAG-1)//0.00018:88:36//MUS MUSCULUS (MOUSE)//Q01514

F-OVARC1001711//CORNIFIN B (SMALL PROLINE-RICH PROTEIN 1B) (SPR1B) (SPR1 B)//2.7e-05:98:32//MUS MUSCULUS (MOUSE)//Q62267

F-OVARC1001713//ENDOZEPINE-RELATED PROTEIN PRECURSOR (MEMBRANE-ASSOCIATED DIAZEPAM BINDING INHIBITOR) (MA-DBI)//4.5e-20:46:67//BOS TAURUS (BOVINE)//P07106

F-OVARC1001726//ALPHA-AMYLASE INHIBITOR PAIM1 (PIG PANCREATIC ALPHA-AMYLASE INHIBITOR OF MICROBES 1)//0.59:23:56//STREPTOMYCES OLIVACEOVIRIDIS (STREPTOMYCES CORCHORUSII)//P09921

F-OVARC1001731//TROPOMYOSIN ALPHA CHAIN, SKELETAL MUSCLE//2.1e-75:176:87//XENOPUS LAEVIS (AFRICAN CLAWED FROG)//Q01173

F-OVARC1001745//GENE 11 PROTEIN//0.31:36:52//SPIROPLASMA VIRUS SPV1-R8A2 B//P15902

F-OVARC1001762//N-TERMINAL ACETYLTRANSFERASE 1 (EC 2.3.1.88) (AMINO-TERMINAL, ALPHA-AMINO, ACETYLTRANSFERASE 1)//2.8e-23:197:35//SACCHAROMYCES CEREVISIAE (BAKER'S YEAST)//P12945

F-OVARC1001766//FK506-BINDING NUCLEAR PROTEIN (PERTIDYL-PROLYL CIS-TRANS ISOMERASE) (PPIASE) (EC 5.2.1.8) (PROLINE ROTAMASE) (NUCLEOLAR PROLINE ISOMERASE) (FKBP-70)//2.2e-06:99:40//SACCHAROMYCES CEREVISIAE (BAKER'S YEAST)//P38911

F-OVARC1001767//33.2 KD PROTEIN IN DIND-RPH INTERGENIC REGION (ORF X)//0.99:113:27//ESCHERICHIA COLI//P23839

F-OVARC1001768

F-OVARC1001791//HYPOTHETICAL 63.3 KD PROTEIN IN MPT5-SAE2 INTERGENIC REGION//0.090:75:32//SACCHAROMYCES CEREVISIAE (BAKER'S YEAST)//P46945

F-OVARC1001795//HYPOTHETICAL 7.5 KD PROTEIN IN RPBA-GP46 INTERGENIC REGION//0.81:21:38//BACTERIOPHAGE T4//P07878

F-OVARC1001802//PLECTOXIN VIII (PLT-VIII) (PLTVIII)//0.41:19:36//PLECTREURYS TRISTIS (SPIDER)//P36984

F-OVARC1001805//60S RIBOSOMAL PROTEIN L40 (CEP52)//0.67:24:58//SACCHAROMYCES CEREVISIAE (BAKER'S YEAST)//P14796

F-OVARC1001809//COLLAGEN ALPHA 1(I) CHAIN (FRAGMENTS)//0.23:111:31//RATTUS NORVEGICUS (RAT)//P02454

F-OVARC1001812//ATP SYNTHASE PROTEIN 8 (EC 3.6.1.34) (A6L)//0.99:28:42//HALICHOERUS GRYPUS (GRAY SEAL)//P38592

F-OVARC1001813//HYPOTHETICAL 9.9 KD PROTEIN//0.41:36:30//VACCINIA VIRUS (STRAIN COPENHAGEN)//P20562

F-OVARC1001820//HYPOTHETICAL PROTEIN ORF-1137.//0.80:58:29//MUS MUSCULUS (MOUSE).//P11260
 F-OVARC1001828
 F-OVARC1001846
 F-OVARC1001861//METALLOTHIONEIN (MT).//0.18:11:54//PLEURONECTES PLATESSA (PLAICE).//P07216
 5 F-OVARC1001873
 F-OVARC1001879//HYPOTHETICAL 55.9 KD PROTEIN EEED8.6 IN CHROMOSOME II.//2.3e-05:73:31//
 CAENORHABDITIS ELEGANS.//Q09296
 F-OVARC1001880//SALIVARY PROLINE-RICH PROTEIN PRECURSOR (CLONE CP7) [CONTAINS: BASIC
 PEPTIDE P-F] (FRAGMENT).//2.4e-11:203:32//HOMO SAPIENS (HUMAN).//P02812
 10 F-OVARC1001883//!!!! ALU SUBFAMILY J WARNING ENTRY.!!!!//2.3e-16:86:59//HOMO SAPIENS (HUMAN).//
 P39188
 F-OVARC1001900//HYPOTHETICAL 105.9 KD PROTEIN F22B7.5 IN CHROMOSOME III.//0.0053:48:47//
 CAENORHABDITIS ELEGANS.//P34408
 F-OVARC1001901
 15 F-OVARC1001911//40S RIBOSOMAL PROTEIN S28.//1.0:33:36//ARABIDOPSIS THALIANA (MOUSE-EAR
 CRESS).//P34789
 F-OVARC1001916//PUTATIVE RHO/RAC GUANINE NUCLEOTIDE EXCHANGE FACTOR (RHO/RAC GEF) (FA-
 CIOGENITAL DYSPLASIA PROTEIN).//0.00082:114:27//HOMO SAPIENS (HUMAN).//P98174
 F-OVARC1001928//FERREDOXIN III (FDIII).//1.0:64:29//ANABAENA VARIABILIS.//P46050
 20 F-OVARC1001942//N-TERMINAL ACETYLTRANSFERASE 1 (EC 2.3.1.88) (AMINO-TERMINAL, ALPHA-AMI-
 NO, ACETYLTRANSFERASE 1).//3.0e-07:93:37//SACCHAROMYCES CEREVISIAE (BAKER'S YEAST).//
 P12945
 F-OVARC1001943//HYPOTHETICAL 62.2 KD PROTEIN ZK652.6 IN CHROMOSOME III.//1.7e-23:147:43//
 CAENORHABDITIS ELEGANS.//P34664
 25 F-OVARC1001949//ZINC FINGER PROTEIN 177.//2.0e-23:56:66//HOMO SAPIENS (HUMAN).//Q13360
 F-OVARC1001950//!!!! ALU SUBFAMILY J WARNING ENTRY.!!!!//0.011:57:47//HOMO SAPIENS (HUMAN).//
 P39188
 F-OVARC1001987//SPERM PROTAMINE P1 (CYSTEINE-RICH PROTAMINE).//0.39:14:64//MUS MUSCULUS
 (MOUSE).//P02319
 30 F-OVARC1001989//!!!! ALU SUBFAMILY J WARNING ENTRY.!!!!//2.4e-13:55:72//HOMO SAPIENS (HUMAN).//
 P39188
 F-OVARC1002044
 F-OVARC1002050//UTROPHIN (DYSTROPHIN-RELATED PROTEIN,1) (DRP1) (DRP).//3.6e-12:221:25//HOMO
 SAPIENS (HUMAN).//P46939
 35 F-OVARC1002066
 F-OVARC1002082
 F-OVARC1002107//INTRACELLULAR PROTEIN TRANSPORT PROTEIN USO1.//0.99:149:24//SACCHARO-
 MYCES CEREVISIAE (BAKER'S YEAST).//P25386
 F-OVARC1002112//HISTONE MACRO-H2A.1.//2.8e-64:133:98//RATTUS NORVEGICUS (RAT).//Q02874
 40 F-OVARC1002127//60S RIBOSOMAL PROTEIN L22.//0.0023:95:35//DROSOPHILA MELANOGASTER (FRUIT
 FLY).//P50887
 F-OVARC1002138//PROBABLE 26S PROTEASE SUBUNIT YTA6 (TAT-BINDING HOMOLOG 6).//6.4e-51:198:
 56//SACCHAROMYCES CEREVISIAE (BAKER'S YEAST).//P40328
 F-OVARC1002143
 45 F-OVARC1002156//HYPOTHETICAL 27.7 KD PROTEIN IN CPT1-SPC98 INTERGENIC REGION.//0.00010:64:
 34//SACCHAROMYCES CEREVISIAE (BAKER'S YEAST).//P53915
 F-OVARC1002158//HYPOTHETICAL 24.1 KD PROTEIN IN LEF4-P33 INTERGENIC REGION.//8.2e-07:119:35//
 AUTOGRAPHAL CALIFORNICA NUCLEAR POLYHEDROSIS VIRUS (ACMPV).//P41479
 F-OVARC1002165//EBNA-6 NUCLEAR PROTEIN (EBNA-3C) (EBNA-4B).//0.00023:90:45//EPSTEIN-BARR VI-
 50 RUS (STRAIN B95-8) (HUMAN HERPESVIRUS 4).//P03204
 F-OVARC1002182//HYPOTHETICAL 46.2 KD TRP-ASP REPEATS CONTAINING PROTEIN D2013.2 IN CHRO-
 MOSOME II.//1.3e-34:165:35//CAENORHABDITIS ELEGANS.//Q18964
 F-PLACE1000004//HYPOTHETICAL 180.2 KD PROTEIN C31A2:05C IN CHROMOSOME I.//8.8e-05:148:25//
 SCHIZOSACCHAROMYCES POMBE (FISSION YEAST).//Q09725
 55 F-PLACE1000005//PROTEIN Q300.//0.30:10:100//MUS MUSCULUS (MOUSE).//Q02722
 F-PLACE1000007//PROBABLE UBIQUITIN CARBOXYL-TERMINAL HYDROLASE R10E11.3 (EC 3.1.2.15)
 (UBIQUITIN THIOLESTERASE) (UBIQUITIN-SPECIFIC PROCESSING PROTEASE) (DEUBIQUITINATING EN-
 ZYME).//2.3e-39:134:62//CAENORHABDITIS ELEGANS.//P34547

F-PLACE1000014//52 KD RO PROTEIN (SJOGREN SYNDROME TYPE A ANTIGEN (SS-A)) (RO(SS-A))//
 0.00036:63:39//HOMO SAPIENS (HUMAN)//P19474
 F-PLACE1000031
 5 F-PLACE1000040//!!!! ALU SUBFAMILY SQ WARNING ENTRY!!!!//4.4e-12:97:41//HOMO SAPIENS (HUMAN)//
 P39194
 F-PLACE1000048//50S RIBOSOMAL PROTEIN L15 (FRAGMENT)//0.98:31:38//BACILLUS SP. (STRAIN C-
 125)//P38373
 F-PLACE1000050//COLLAGEN ALPHA 1(III) CHAIN//0.00062:190:33//BOS TAURUS (BOVINE)//P04258
 F-PLACE1000061//60S RIBOSOMAL PROTEIN L37A//6.4e-19:51:86//GALLUS GALLUS (CHICKEN)//P32046
 10 F-PLACE1000066//SSU72 PROTEIN//2.3e-39:165:49//SACCHAROMYCES CEREVISIAE (BAKER'S YEAST)//
 P53538
 F-PLACE1000078//BAD PROTEIN (BCL-2 BINDING COMPONENT 6)//1.7e-06:21:95//HOMO SAPIENS (HU-
 MAN)//Q92934
 F-PLACE1000081//HOMEBOX PROTEIN HOX-A4 (HOX-1.4) (MH-3)//0.0053:146:33//MUS MUSCULUS
 15 (MOUSE)//P06798
 F-PLACE1000094
 F-PLACE1000133//TRANSCRIPTION FACTOR BTF3 (RNA POLYMERASE B TRANSCRIPTION FACTOR 3)//
 1.8e-62:158:81//HOMO SAPIENS (HUMAN)//P20290
 F-PLACE1000142//ENOYL-COA HYDRATASE, MITOCHONDRIAL PRECURSOR (EC 4.2.1.17) (SHORT CHAIN
 20 ENOYL-COA HYDRATASE) (SCEH) (ENOYL-COA HYDRATASE 1)//9.8e-12:104:34//HOMO SAPIENS (HU-
 MAN)//P30084
 F-PLACE1000184//AC PROTEIN//0.44:31:29//BACTERIOPHAGE T4//P18924
 F-PLACE1000185//HYPOTHETICAL GLYCINE-RICH 49.6 KD PROTEIN CY130.10C PRECURSOR//0.11:48:
 33//MYCOBACTERIUM TUBERCULOSIS//Q10637
 25 F-PLACE1000213//GLUCOAMYLASE S1/S2 PRECURSOR (EC 3.2.1.3) (GLUCAN 1,4-ALPHA- GLUCOSI-
 DASE) (1,4-ALPHA-D-GLUCAN GLUCOHYDROLASE)//3.4e-05:194:26//SACCHAROMYCES CEREVISIAE
 (BAKER'S YEAST)//P08640
 F-PLACE1000214
 F-PLACE1000236//PROCOLLAGEN ALPHA 1(I) CHAIN PRECURSOR//0.027:63:34//GALLUS GALLUS
 30 (CHICKEN)//P02457
 F-PLACE1000246//TEGUMENT PROTEIN (GENE 11 PROTEIN)//0.78:100:26//EQUINE HERPESVIRUS TYPE
 4 (STRAIN 1942) (EHV-4) (EQUINE HERPESVIRUS TYPE 1 SUBTYPE 2)//Q00039
 F-PLACE1000292
 F-PLACE1000308//EARLY NODULIN 75 (N-75) (NGM-75) (FRAGMENT)//0.049:28:42//MEDICAGO SATIVA
 35 (ALFALFA)//P11728
 F-PLACE1000332
 F-PLACE1000347//HYPOTHETICAL PROTEIN TP0420//0.15:24:54//TREPONEMA PALLIDUM//O83435
 F-PLACE1000374//LYSOZYME C (EC 3.2.1.17) (1,4-BETA-N-ACETYLMURAMIDASE C)//1.0:63:25//ORYC-
 TOLAGUS CUNICULUS (RABBIT)//P16973
 40 F-PLACE1000380//MATING PROCESS PROTEIN MID2 (SERINE-RICH PROTEIN SMS1) (PROTEIN KINASE
 A INTERFERENCE PROTEIN)//0.018:169:28//SACCHAROMYCES CEREVISIAE (BAKER'S YEAST)//P36027
 F-PLACE1000383//MYOTUBULARIN//1.2e-65:215:57//HOMO SAPIENS (HUMAN)//Q13496
 F-PLACE1000401//ELASTIN PRECURSOR (TROPOELASTIN)//0.00023:145:30//MUS MUSCULUS
 (MOUSE)//P54320
 45 F-PLACE1000406//54 KD NUCLEAR RNA-BINDING PROTEIN (P54(NRB))//3.4e-27:90:63//HOMO SAPIENS
 (HUMAN)//Q15233
 F-PLACE1000420//7,8-DIHYDRO-8-OXOGUANINE TRIPHOSPHATASE (EC 3.1.6.-) (8-OXO-DGTPASE)//4.7e-
 07:134:29//MUS MUSCULUS (MOUSE)//P53368
 F-PLACE1000421//HYPOTHETICAL 8.8 KD PROTEIN C11D3.01C IN CHROMOSOME I//0.48:72:27//
 50 SCHIZOSACCHAROMYCES POMBE (FISSION YEAST)//Q10080
 F-PLACE1000424
 F-PLACE1000435
 F-PLACE1000444//!!!! ALU SUBFAMILY SX WARNING ENTRY!!!!//2.0e-31:129:63//HOMO SAPIENS (HU-
 MAN)//P39195
 55 F-PLACE1000453//PROTEIN Q300//0.013:16:68//MUS MUSCULUS (MOUSE)//Q02722
 F-PLACE1000481//LINE-1 REVERSE TRANSCRIPTASE HOMOLOG//0.14:63:36//HOMO SAPIENS (HU-
 MAN)//P08547
 F-PLACE1000492//BASP1 PROTEIN//0.17:114:28//HOMO SAPIENS (HUMAN)//P80723

F-PLACE1000540
 F-PLACE1000547//MANNOSYL-1-PHOSPHATE GUANYLTRANSFERASE (EC 2.7.7.13) (ATP-MANNOSYL-1-PHOSPHATE GUANYLYLTRANSFERASE) (NDP-HEXOSE PYROPHOSPHORYLASE)//1.8e-21:87:56//SACCHAROMYCES CEREVISIAE (BAKER'S YEAST)//P41940
 5 F-PLACE1000562//HYPOTHETICAL PROTEIN MJ0562//1.0:35:34//METHANOCOCCUS JANNASCHII//Q57982
 F-PLACE1000564//ADRENAL SPECIFIC 30 KD PROTEIN (CLONE PG2)//0.13:66:37//HOMO SAPIENS (HUMAN)//P15803
 F-PLACE1000583//ZINC FINGER PROTEIN 83 (ZINC FINGER PROTEIN HPF1)//7.0e-45:192:47//HOMO SAPIENS (HUMAN)//P51522
 10 F-PLACE1000588//INTERFERON-INDUCED GUANYLATE-BINDING PROTEIN 1 (GUANINE NUCLEOTIDE-BINDING PROTEIN 1)//5.3e-63:122:88//HOMO SAPIENS (HUMAN)//P32455
 F-PLACE1000596//RING CANAL PROTEIN (KELCH PROTEIN)//2.6e-12:120:38//DROSOPHILA MELANOGASTER (FRUIT FLY)//Q04652
 15 F-PLACE1000599//EARLY E3B 12.7 KD PROTEIN PRECURSOR//0.83:53:32//HUMAN ADENOVIRUS TYPE 12//P36707
 F-PLACE1000610
 F-PLACE1000611//HYPOTHETICAL 33.6 KD PROTEIN IN MCK1-RPS19B INTERGENIC REGION//9.4e-07:64:28//SACCHAROMYCES CEREVISIAE (BAKER'S YEAST)//P48558
 20 F-PLACE1000636//MALE STERILITY PROTEIN 2//3.7e-09:83:43//ARABIDOPSIS THALIANA (MOUSE-EAR CRESS)//Q08891
 F-PLACE1000653//PUTATIVE PHOSPHOACETYLGLUCOSAMINE MUTASE (EC 5.4.2.3) (ACETYLGLUCOSAMINE PHOSPHOMUTASE) (N-ACETYLGLUCOSAMINE PHOSPHATE MUTASE)//1.9e-30:203:41//SCHIZOSACCHAROMYCES POMBE (FISSION YEAST)//Q09687
 25 F-PLACE1000656//EXTENSIN PRECURSOR (CELL WALL HYDROXYPROLINE-RICH GLYCOPROTEIN)//0.0029:75:33//NICOTIANA TABACUM (COMMON TOBACCO)//P13983
 F-PLACE1000706//TRANSCRIPTION INTERMEDIARY FACTOR 1-BETA (NUCLEAR COREPRESSOR KAP-1) (KRAB-ASSOCIATED PROTEIN 1)//1.1e-38:180:42//HOMO SAPIENS (HUMAN)//Q13263
 F-PLACE1000712//VERY HYPOTHETICAL 8.9 KD PROTEIN CY441.05 PRECURSOR//0.93:49:34//MYCOBACTERIUM TUBERCULOSIS//P71934
 30 F-PLACE1000716
 F-PLACE1000748//HYPOTHETICAL 10.4 KD PROTEIN IN SPAT 3'REGION (ORF-11)//0.90:53:37//SHIGELLA FLEXNERI//P55794
 F-PLACE1000749//HYPOTHETICAL PROTEIN MG148//0.0014:142:27//MYCOPLASMA GENITALIUM//P47394
 35 F-PLACE1000755//HYPOTHETICAL HELICASE K12H4.8 IN CHROMOSOME III//1.1e-15:98:48//CAENORHABDITIS ELEGANS//P34529
 F-PLACE1000769//VIGILIN//0.51:60:33//GALLUS GALLUS (CHICKEN)//P81021
 F-PLACE1000785//PROBABLE COLD SHOCK PROTEIN CY15C10.04//1.0:22:45//MYCOBACTERIUM TUBERCULOSIS//Q06360
 40 F-PLACE1000786//HYPOTHETICAL 30.2 KD PROTEIN ZK632.12 IN CHROMOSOME III//2.6e-38:159:51//CAENORHABDITIS ELEGANS//P34657
 F-PLACE1000793//VASODILATOR-STIMULATED PHOSPHOPROTEIN (VASP)//0.0097:128:30//HOMO SAPIENS (HUMAN)//P50552
 45 F-PLACE1000798//!!!! ALU SUBFAMILY J WARNING ENTRY !!!!//9.4e-07:47:61//HOMO SAPIENS (HUMAN)//P39188
 F-PLACE1000841
 F-PLACE1000849//ELAV PROTEIN//3.5e-05:140:35//DROSOPHILA VIRILIS (FRUIT FLY)//P23241
 F-PLACE1000856//HYPOTHETICAL PROTEIN MJ0008//0.95:100:23//METHANOCOCCUS JANNASCHII//Q60319
 50 F-PLACE1000863//PUTATIVE MITOCHONDRIAL 40S RIBOSOMAL PROTEIN YHR148W//2.3e-46:172:54//SACCHAROMYCES CEREVISIAE (BAKER'S YEAST)//P32899
 F-PLACE1000909//ANKYRIN R (ANKYRINS 2.1 AND 2.2) (ERYTHROCYTE ANKYRIN)//0.00022:105:35//HOMO SAPIENS (HUMAN)//P16157
 55 F-PLACE1000931//KILLER TOXIN HM-1//0.95:24:33//WILLIOPSIS MRKII (YEAST) (HANSENULA MRKII)//P10410
 F-PLACE1000948//SL CYTOKINE PRECURSOR (FLT3 LIGAND)//0.97:52:40//HOMO SAPIENS (HUMAN)//P49771

F-PLACE1000972//MYOSIN ID HEAVY CHAIN.//1.9e-06:79:43//DICTYOSTELIUM DISCOIDEUM (SLIME MOLD).//P34109
 F-PLACE1000977//HYPOTHETICAL 94.2 KD PROTEIN C38D4.5 IN CHROMOSOME III.//2.5e-23:105:41//CAENORHABDITIS ELEGANS.//P46941
 5 F-PLACE1000979//ZINC FINGER PROTEIN 7 (ZINC FINGER PROTEIN KOX4) (ZINC FINGER PROTEIN HF. 16).//0.91:83:30//HOMO SAPIENS (HUMAN).//P17097
 F-PLACE1000987//HYPOTHETICAL 111.5 KD PROTEIN C22G7.02 IN CHROMOSOME I.//0.10:128:24//SCHIZOSACCHAROMYCES POMBE (FISSION YEAST).//Q09796
 F-PLACE1001000
 10 F-PLACE1001007//ZYGXIN.//2.2e-05:135:30//GALLUS GALLUS (CHICKEN).//Q04584
 F-PLACE1001010//BETA-1 BUNGAROTOXIN B CHAIN, MAJOR COMPONENT PRECURSOR (BUNGAROTOXIN, B1 CHAIN).//1.0:30:40//BUNGARUS MULTICINCTUS (MANY-BANDED KRAIT).//P00987
 F-PLACE1001015
 F-PLACE1001024
 15 F-PLACE1001036
 F-PLACE1001054//HOLOTRICIN 3 PRECURSOR.//0.0044:56:39//HOLOTRICHIA DIOMPHALIA.//Q25055
 F-PLACE1001062//SACCHAROPINE DEHYDROGENASE [NADP+ L-GLUTAMATE FORMING] (EC 1.5.1.10).//0.0013:38:52//SACCHAROMYCES CEREVISIAE (BAKER'S YEAST).//P38999
 F-PLACE1001076
 20 F-PLACE1001088//EARLY NODULIN 75 (N-75) (NGM-75) (FRAGMENT).//0.95:32:50//MEDICAGO SATIVA (ALFALFA).//P11728
 F-PLACE1001092//HYPOTHETICAL 49.0 KD PROTEIN IN NSP1-KAR2 INTERGENIC REGION.//0.0026:81:35//SACCHAROMYCES CEREVISIAE (BAKER'S YEAST).//P47057
 F-PLACE1001104//HYPOTHETICAL 131.5 KD PROTEIN C02F12.7 IN CHROMOSOME X.//0.00063:125:32//CAENORHABDITIS ELEGANS.//Q11102
 25 F-PLACE1001118//ZINC FINGER PROTEIN MLZ-4 (ZINC FINGER PROTEIN 46).//2.6e-77:209:63//MUS MUSCULUS (MOUSE).//Q03309
 F-PLACE1001136//ALPHA-N-ACETYLGALACTOSAMINIDASE PRECURSOR (EC 3.2.1.49) (ALPHA-GALACTOSIDASE B).//0.99:107:30//HOMO SAPIENS (HUMAN).//P17050
 30 F-PLACE1001168
 F-PLACE1001171//RETROVIRUS-RELATED POLYPROTEIN (FRAGMENT).//0.00012:37:59//HOMO SAPIENS (HUMAN).//P12895
 F-PLACE1001185//HYPOTHETICAL 56.6 KD PROTEIN IN URE2-SSU72 INTERGENIC REGION.//3.6e-12:88:36//SACCHAROMYCES CEREVISIAE (BAKER'S YEAST).//P53867
 35 F-PLACE1001238
 F-PLACE1001241//METALLOTHIONEIN B (MTB) (FRAGMENT).//0.13:30:53//COLINUS VIRGINIANUS (BOBWHITE QUAIL) (COMMON BOBWHITE).//P27087
 F-PLACE1001257//RING CANAL PROTEIN (KELCH PROTEIN).//4.1e-24:125:46//DROSOPHILA MELANOGASTER (FRUIT FLY).//Q04652
 40 F-PLACE1001272//HYPOTHETICAL PROTEIN IN KSGA 3'REGION (ORF L5) (FRAGMENT).//1.0:24:45//MYCOPLASMA CAPRICOLUM.//P43040
 F-PLACE1001279//CYTOTOXIN 3 (CYTOTOXIN V-II-3).//0.98:31:41//NAJA MOSSAMBICA (MOZAMBIQUE COBRA).//P01470
 F-PLACE1001280//PROCOLLAGEN ALPHA 1(II) CHAIN PRECURSOR [CONTAINS: CHONDROCALCIN].//0.0051:156:32//MUS MUSCULUS (MOUSE).//P28481
 45 F-PLACE1001294//GAMETOGENESIS EXPRESSED PROTEIN GEG-154.//3.7e-56:109:93//MUS MUSCULUS (MOUSE).//P50636
 F-PLACE1001304//ZINC FINGER PROTEIN 35 (ZFP-35).//3.2e-30:75:57//MUS MUSCULUS (MOUSE).//P15620
 F-PLACE1001311//!!!! ALU SUBFAMILY SB WARNING ENTRY !!!!!//2.7e-31:66:66//HOMO SAPIENS (HUMAN).//P39189
 50 F-PLACE1001323
 F-PLACE1001351//REV PROTEIN (ANTI-REPRESSION TRANSACTIVATOR PROTEIN) (ART/TRS).//0.11:66:27//SIMIAN IMMUNODEFICIENCY VIRUS (AGM155 ISOLATE) (SIV-AGM).//P27971
 F-PLACE1001366//SHORT NEUROTOXIN 2 (TOXIN CM-14) (TOXIN V-N-12).//0.070:18:33//NAJA HAJE ANNULLIFERA (BANDED EGYPTIAN COBRA).//P01422
 55 F-PLACE1001377//DISINTEGRIN TRIGRAMIN BETA (PLATELET AGGREGATION ACTIVATION INHIBITOR).//4.9e-06:50:46//TRIMERESURUS GRAMINEUS (INDIAN GREEN TREE VIPER) (GREEN HABU SNAKE).//P17495

- F-PLACE1001383//M PROTEIN, SEROTYPE 49 PRECURSOR//0.080:136:24//STREPTOCOCCUS PYOGENES//P16947
- F-PLACE1001384
- 5 F-PLACE1001387//EPIDERMAL GROWTH FACTOR RECEPTOR KINASE SUBSTRATE EPS8//1.9e-22:142:39//HOMO SAPIENS (HUMAN)//Q12929
- F-PLACE1001395//HYPOTHETICAL 8.5 KD PROTEIN IN ASIA-MOTA INTERGENIC REGION//0.98:67:34//BACTERIOPHAGE T4//P22917
- F-PLACE1001399//!!!! ALU SUBFAMILY SQ WARNING ENTRY !!!!!//3.1e-32:47:74//HOMO SAPIENS (HUMAN)//P39194
- 10 F-PLACE1001412//GLYCOPHORIN C (PAS-2') (GLYCOPROTEIN BETA) (GLPC) (GLYCOCONNECTIN) (SIALOGLYCOPROTEIN D) (GLYCOPHORIN D) (GPD)//0.00021:125:36//HOMO SAPIENS (HUMAN)//P04921
- F-PLACE1001414//CHYMOTRYPSIN/ELASTASE ISOINHIBITORS 2 TO 5//0.99:37:35//ASCARIS SUUM (PIG ROUNDWORM) (ASCARIS LUMBRICOIDES)//P07852
- F-PLACE1001440//PROLINE-RICH PEPTIDE P-B//0.35:16:50//HOMO SAPIENS (HUMAN)//P02814
- 15 F-PLACE1001456//RELAXIN//0.48:38:36//BALAENOPTERA ACUTOROSTRATA (MINKE WHALE) (LESSER RORQUAL)//P11184
- F-PLACE1001468//HYPOTHETICAL PROTEIN MJ0602//0.10:86:32//METHANOCOCCUS JANNASCHII//Q58019
- F-PLACE1001484//HYPOTHETICAL 7.5 KD PROTEIN IN DNAC-RPLI INTERGENIC REGION//1.0:47:34//BACILLUS SUBTILIS//P37480
- 20 F-PLACE1001502//COLLAGEN 1(X) CHAIN PRECURSOR//0.00029:118:34//BOS TAURUS (BOVINE)//P23206
- F-PLACE1001503//HYPOTHETICAL 77.3 KD PROTEIN T05G5.8 IN CHROMOSOME III//2.2e-07:107:30//CAENORHABDITIS ELEGANS//P34561
- F-PLACE1001517//SMALL PROTEIN INHIBITOR OF INSECT ALPHA-AMYLASES 2 (SI ALPHA-2)//0.56:22:45//SORGHUM BICOLOR MILO (SORGHUM)//P21924
- 25 F-PLACE1001534//PUTATIVE GENE PROTEIN 54//0.43:44:40//BACTERIOPHAGE SP01//O48408
- F-PLACE1001545//HYPOTHETICAL 7.9 KD PROTEIN IN CELF-KATE INTERGENIC REGION//0.99:70:32//ESCHERICHIA COLI//P37795
- F-PLACE1001551//CHLOROPLAST 50S RIBOSOMAL PROTEIN L32//1.0:66:28//MARCHANTIA POLYMORPHA (LIVERWORT)//P12196
- 30 F-PLACE1001570//SYNAPTONEMAL COMPLEX PROTEIN 1 (SCP-1 PROTEIN)//0.024:120:27//HOMO SAPIENS (HUMAN)//Q15431
- F-PLACE1001602//CCR4-ASSOCIATED FACTOR 1 (CAF1)//1.1e-30:90:78//MUS MUSCULUS (MOUSE)//Q60809
- 35 F-PLACE1001603//ACIDIC PROLINE-RICH PROTEIN PRECURSOR (CLONE PRP25) (FRAGMENT)//0.054:77:33//RATTUS NORVEGICUS (RAT)//P10164
- F-PLACE1001608
- F-PLACE1001610//PROBABLE E4 PROTEIN//0.90:58:29//HUMAN PAPILLOMAVIRUS TYPE 28//P51896
- F-PLACE1001611//METALLOTHIONEIN-IG (MT-1G)//0.35:30:40//HOMO SAPIENS (HUMAN)//P13640
- 40 F-PLACE1001632//ZINC FINGER PROTEIN 84 (ZINC FINGER PROTEIN HPF2)//3.6e-28:144:43//HOMO SAPIENS (HUMAN)//P51523
- F-PLACE1001634//PHOTOSYSTEM II REACTION CENTRE N PROTEIN//1.0:36:41//CYANIDIUM CALDARIUM (GALDIERIA SULPHURARIA)//O19926
- F-PLACE1001640//TAT PROTEIN (TRANSACTIVATING REGULATORY PROTEIN)//0.24:47:38//HUMAN IMMUNODEFICIENCY VIRUS TYPE 1 (NDK ISOLATE) (HIV-1)//P18804
- 45 F-PLACE1001672//!!!! ALU SUBFAMILY J WARNING ENTRY !!!!!//1.0:27:66//HOMO SAPIENS (HUMAN)//P39188
- F-PLACE1001691//HYPOTHETICAL 15.5 KD PROTEIN IN PIK1-POL2 INTERGENIC REGION//0.40:81:33//SACCHAROMYCES CEREVISIAE (BAKER'S YEAST)//P53842
- 50 F-PLACE1001692//S-ACYL FATTY ACID SYNTHASE THIOESTERASE, MEDIUM CHAIN (EC 3.1.2.14) (THIOESTERASE II)//8.3e-41:103:55//RATTUS NORVEGICUS (RAT)//P08635
- F-PLACE1001705
- F-PLACE1001716//HYPOTHETICAL 138.5 KD PROTEIN C17H9.01 IN CHROMOSOME L//6.1e-07:157:29//SCHIZOSACCHAROMYCES POMBE (FISSION YEAST)//O13798
- 55 F-PLACE1001720
- F-PLACE1001729//PROLINE-RICH PROTEIN MP-3 (FRAGMENT)//6.5e-05:196:32//MUS MUSCULUS (MOUSE)//P05143
- F-PLACE1001739//NEUROFILAMENT TRIPLET M PROTEIN (160 KD NEUROFILAMENT PROTEIN) (NF-M)//

0.00050:213:23//RATTUS NORVEGICUS (RAT)//P12839
 F-PLACE1001740//!!!! ALU SUBFAMILY J WARNING ENTRY !!!!!/2.4e-17:90:56//HOMO SAPIENS (HUMAN)//
 P39188
 5 F-PLACE1001745//HYPOTHETICAL PROTEIN KIAA0125//0.96:38:36//HOMO SAPIENS (HUMAN)//Q14138
 F-PLACE1001746//CONGLUTIN DELTA-2 SMALL CHAIN//0.98:23:43//LUPINUS ANGUSTIFOLIUS (NARROW-
 LEAVED BLUE LUPINE)//P09930
 F-PLACE1001748//HYPOTHETICAL 99.0 KD PROTEIN SPBC119.17//2.9e-28:167:38//SCHIZOSACCHARO-
 MYCES POMBE (FISSION YEAST)//O42908
 10 F-PLACE1001756//!!!! ALU SUBFAMILY SB WARNING ENTRY !!!!!/9.2e-43:126:77//HOMO SAPIENS (HU-
 MAN)//P39189
 F-PLACE1001761//50S RIBOSOMAL PROTEIN L35//0.26:42:38//HELICOBACTER PYLORI (CAMPYLO-
 BACTER PYLORI)//P56057
 F-PLACE1001771//TRANSIENT-RECEPTOR-POTENTIAL LIKE PROTEIN//4.8e-35:223:40//DROSOPHILA
 MELANOGASTER (FRUIT FLY)//P48994
 15 F-PLACE1001781//HYPOTHETICAL 71.1 KD PROTEIN IN DSK2-CAT8 INTERGENIC REGION//9.5e-41:194:
 46//SACCHAROMYCES CEREVISIAE (BAKER'S YEAST)//Q03262
 F-PLACE1001799
 F-PLACE1001810
 20 F-PLACE1001817//SUCCINYL-COA LIGASE [GDP-FORMING], BETA-CHAIN PRECURSOR (EC 6.2.1.4) (SUC-
 CINYL-COA SYNTHETASE, BETA CHAIN) (SCS-BETA)//2.8e-40:115:61//NEOCALLIMASTIX FRONTALIS (RU-
 MEN FUNGUS)//P53587
 F-PLACE1001821
 F-PLACE1001844//IG KAPPA CHAIN V-I REGION (HAU)//0.59:89:35//HOMO SAPIENS (HUMAN)//P01600
 F-PLACE1001845
 25 F-PLACE1001869//MPA43 PROTEIN//3.5e-14:153:33//SACCHAROMYCES CEREVISIAE (BAKER'S YEAST)//
 P53583
 F-PLACE1001897//LIGATOXIN A//1.0:43:27//PHORADENDRON LIGA (ARGENTINE MISTLETOE)//P01540
 F-PLACE1001912//LONG NEUROTOXIN 2 (TOXIN C)//0.57:44:45//ASTROTIA STOKESI (STOKES'S SEA
 SNAKE) (DSTEIRA STOKESI)//P01381
 30 F-PLACE1001920//LATE GENES ACTIVATOR (EARLY PROTEIN GP4) (GPF)//0.89:75:29//BACTERIOPHAGE
 NF//P09877
 F-PLACE1001928
 F-PLACE1001983//IMMEDIATE-EARLY PROTEIN IE180//0.0049:51:45//PSEUDORABIES VIRUS (STRAIN KA-
 PLAN) (PRV)//P33479
 35 F-PLACE1001989//PUTATIVE AMIDASE (EC 3.5.1.4)//8.9e-08:125:36//MORAXELLA CATARRHALIS//Q49091
 F-PLACE1002004
 F-PLACE1002046//LIGATIN (FRAGMENT)//1.6e-84:191:84//MUS MUSCULUS (MOUSE)//Q61211
 F-PLACE1002052
 F-PLACE1002066
 40 F-PLACE1002072//ANTER-SPECIFIC PROLINE-RICH PROTEIN APG PRECURSOR//0.16:77:31//ARABIDOP-
 SIS THALIANA (MOUSE-EAR CRESS)//P40602
 F-PLACE1002073//HYPOTHETICAL 118.2 KD PROTEIN F43C1.1 IN CHROMOSOME III//4.0e-11:174:28//
 CAENORHABDITIS ELEGANS//Q09564
 F-PLACE1002090//SIGNAL RECOGNITION PARTICLE 72 KD PROTEIN (SRP72)//2.8e-57:112:99//HOMO SA-
 PIENS (HUMAN)//O76094
 45 F-PLACE1002115//P8 MTCP-1 PROTEIN (MATURE T-CELL PROLIFERATION-1 TYPE A) (MTCP-1 TYPE A)
 (P8MTCP1)//1.0:49:30//MUS MUSCULUS (MOUSE)//Q61908
 F-PLACE1002119//T-LYMPHOCYTE ACTIVATED PROTEIN (CYCLOHEXIMIDE-INDUCED) (CHX1) (IMMEDI-
 ATE EARLY RESPONSE 2 PROTEIN)//2.7e-11:118:36//MUS MUSCULUS (MOUSE)//P17950
 50 F-PLACE1002140//HYPOTHETICAL 12.3 KD PROTEIN IN MOBL 3'REGION (ORF 4)//0.0086:39:46//THIOBA-
 CILLUS FERROOXIDANS//P20088
 F-PLACE1002150
 F-PLACE1002157//!!!! ALU SUBFAMILY SB WARNING ENTRY !!!!!/2.4e-34:56:82//HOMO SAPIENS (HUMAN)//
 P39189
 55 F-PLACE1002163//NEUROTOXIN 1//1.0:17:52//CENTRUROIDES SCULPTURATUS (BARK SCORPION)//
 P01492
 F-PLACE1002170
 F-PLACE1002171//TRANSCRIPTION REGULATORY PROTEIN-SWI3 (SWI/SNF COMPLEX COMPONENT

SWI3) (TRANSCRIPTION FACTOR

TYE2)//0.00023:179:23//SACCHAROMYCES CEREVISIAE (BAKER'S YEAST)//P32591

F-PLACE1002205//HYPOTHETICAL 13.5 KD PROTEIN IN MOB1-SGA1 INTERGENIC REGION//0.77:21:47//
SACCHAROMYCES CEREVISIAE (BAKER'S YEAST)//P40490

5 F-PLACE1002213//HISTONE H4 (FRAGMENT)//0.62:31:32//BLEPHARISMA JAPONICUM//P80738

F-PLACE1002227//HYPOTHETICAL 7.9 KD PROTEIN IN FIXW.5'REGION//0.41:49:36//RHIZOBIUM LEGUMI-
NOSARUM//P14310

F-PLACE1002256//CYTOCHROME B (EC 1.10.2.2)//0.61:95:29//CAENORHABDITIS ELEGANS//P24890

10 F-PLACE1002259//HYPOTHETICAL 9.2 KD PROTEIN IN SPS1-QCR7 INTERGENIC REGION//0.99:22:45//
SACCHAROMYCES CEREVISIAE (BAKER'S YEAST)//P56508

F-PLACE1002319//HYPOTHETICAL 56.6 KD PROTEIN IN URE2-SSU72 INTERGENIC REGION//0.91:18:72//
SACCHAROMYCES CEREVISIAE (BAKER'S YEAST)//P53867

F-PLACE1002342//HYPOTHETICAL PROTEIN C16//1.0:53:32//SWINEPOX VIRUS (STRAIN KASZA) (SPV)//
P32219

15 F-PLACE1002395//CIRCUMSPOROZOITE PROTEIN PRECURSOR (CS)//6.4e-05:127:37//PLASMODIUM
VIVAX//P08677

F-PLACE1002399

F-PLACE1002433//DYNACTIN, 150 KD ISOFORM (150 KD DYNEIN-ASSOCIATED POLYPEPTIDE) (DP-150)
(DAP-150) (P150-GLUED)//0.00094:182:25//RATTUS NORVEGICUS (RAT)//P28023

20 F-PLACE1002437//ATP-BINDING CASSETTE TRANSPORTER 1//4.5e-19:62:77//MUS MUSCULUS
(MOUSE)//P41233

F-PLACE1002438//HYPOTHETICAL 141.5 KD ZINC FINGER PROTEIN IN TUB1-CPR3 INTERGENIC RE-
GION//0.014:63:34//SACCHAROMYCES CEREVISIAE (BAKER'S YEAST)//Q04545

25 F-PLACE1002450//OOCYTE ZINC FINGER PROTEIN XLCOF6 (FRAGMENT)//3.9e-28:159:38//XENOPUS
LAEVIS (AFRICAN CLAWED FROG)//P18749

F-PLACE1002465//LARIAT DEBRANCHING ENZYME (EC 3.1.1.1)//0.0014:148:28//SCHIZOSACCHAROMY-
CES POMBE (FISSION YEAST)//O13765

F-PLACE1002474//FIBRILLIN 2 PRECURSOR//2.1e-24:203:33//MUS MUSCULUS (MOUSE)//Q61555

30 F-PLACE1002477//!!!! ALU SUBFAMILY SP WARNING ENTRY!!!!//0.15:65:41//HOMO SAPIENS (HUMAN)//
P39193

F-PLACE1002493//SEMENOGELIN II PRECURSOR (SGII)//1.0:72:31//MACACA MULATTA (RHESUS
MACAQUE)//Q95196

F-PLACE1002499//HYPOTHETICAL 39.3 KD PROTEIN C02B8.6 IN CHROMOSOME X//2.9e-11:67:35//
CAENORHABDITIS ELEGANS//Q11096

35 F-PLACE1002500//COBALT-ZINC-CADMIUM RESISTANCE PROTEIN CZCD (CATION EFFLUX SYSTEM PRO-
TEIN CZCD)//8.4e-11:143:32//ALCALIGENES EUTROPHUS//P13512

F-PLACE1002514//HYPOTHETICAL 8.1 KD PROTEIN IN SPEA-METK INTERGENIC REGION (O71)//1.0:15:
60//ESCHERICHIA COLI//P46878

F-PLACE1002529

40 F-PLACE1002532//HOMEOBOX PROTEIN DLX-5//1.1e-76:183:81//MUS MUSCULUS (MOUSE)//P70396

F-PLACE1002537//!!!! ALU SUBFAMILY SX WARNING ENTRY!!!!//2.6e-18:51:86//HOMO SAPIENS (HUMAN)//
P39195

F-PLACE1002571//ACTIN-LIKE PROTEIN 13E//6.0e-56:140:47//DROSOPHILA MELANOGASTER (FRUIT
FLY)//P45890

45 F-PLACE1002578

F-PLACE1002583

F-PLACE1002591//CORONIN-LIKE PROTEIN P57//5.5e-26:78:69//BOS TAURUS (BOVINE)//Q92176

F-PLACE1002598

F-PLACE1002604

50 F-PLACE1002625//HYPOTHETICAL 180.2 KD PROTEIN IN FAA4-HOR7 INTERGENIC REGION//6.4e-08:193:
23//SACCHAROMYCES CEREVISIAE (BAKER'S YEAST)//Q04781

F-PLACE1002655//ADSEVERIN (GELSOLIN-LIKE PROTEIN)//7.1e-100:210:89//MUS MUSCULUS (MOUSE)//
Q60604

F-PLACE1002665//MOBILIZATION PROTEIN MOBS//0.35:60:30//THIOBACILLUS FERROOXIDANS//P20086

55 F-PLACE1002685//ACTIN BINDING PROTEIN//0.052:115:29//SACCHAROMYCES EXIGUUS (YEAST)//
P38479

F-PLACE1002714//CIS-GOLGI MATRIX PROTEIN GM130//1.8e-06:214:30//RATTUS NORVEGICUS (RAT)//
Q62839

F-PLACE1002722//THROMBIN RECEPTOR PRECURSOR//2.0e-19:134:38//XENOPUS LAEVIS (AFRICAN CLAWED FROG)//P47749
 F-PLACE1002768//FOLLICLE STIMULATING HORMONE RECEPTOR PRECURSOR (FSH-R) (FOLLITROPIN RECEPTOR) (FRAGMENT)//0.43:40:35//MUS MUSCULUS (MOUSE)//P35378
 5 F-PLACE1002772
 F-PLACE1002775//CENTROMERE/MICROTUBULE BINDING PROTEIN CBF5 (CENTROMERE-BINDING FACTOR 5) (NUCLEOLAR PROTEIN CBF5)//4.8e-07:96:29//SCHIZOSACCHAROMYCES POMBE (FISSION YEAST)//O14007
 F-PLACE1002782//COBALT-ZINC-CADMIUM RESISTANCE PROTEIN CZCD (CATION EFFLUX SYSTEM PROTEIN CZCD)//1.1e-07:114:35//ALCALIGENES EUTROPHUS//P13512
 10 F-PLACE1002794//CUTICLE COLLAGEN 12 PRECURSOR//0.0068:98:39//CAENORHABDITIS ELEGANS//P20630
 F-PLACE1002811//CYCLIN-DEPENDENT KINASE 6 INHIBITOR (P18-INK6) (CYCLIN-DEPENDENT KINASE 4 INHIBITOR C) (P18-INK4C)//1.1e-09:137:34//MUS MUSCULUS (MOUSE)//Q60772
 15 F-PLACE1002815//C-HORDEIN (CLONE PC HOR1-3) (FRAGMENT)//0.46:35:42//HORDEUM VULGARE (BARLEY)//P17991
 F-PLACE1002816//HYPOTHETICAL PROTEIN KIAA0288 (HA6116)//1.0e-86:201:74//HOMO SAPIENS (HUMAN)//P56524
 F-PLACE1002834//ZINC FINGER PROTEIN 83 (ZINC FINGER PROTEIN HPF1)//1.6e-30:54:96//HOMO SAPIENS (HUMAN)//P51522
 20 F-PLACE1002839//METALLOTHIONEIN-I (MT-I)//1.0:43:37//MUS MUSCULUS (MOUSE)//P02802
 F-PLACE1002851//BOWMAN-BIRK TYPE PROTEINASE INHIBITOR (VAI)//0.77:35:37//VICIA ANGUSTIFOLIA (COMMON VETCH)//P01065
 F-PLACE1002853//HYPOTHETICAL 7.9 KD PROTEIN IN PE 5'REGION (ORF1)//1.0:18:55//LYMANTRIA DISPAR MULTICAPSID NUCLEAR POLYHEDROSIS VIRUS (LDMNPV)//P36866
 25 F-PLACE1002881//!!!! ALU SUBFAMILY J WARNING ENTRY !!!!//4.1e-27:91:70//HOMO SAPIENS (HUMAN)//P39188
 F-PLACE1002908//HYPOTHETICAL 33.8 KD PROTEIN R10E11.4 IN CHROMOSOME III//2.0e-31:148:46//CAENORHABDITIS ELEGANS//P34548
 30 F-PLACE1002941//!!!! ALU SUBFAMILY SX WARNING ENTRY !!!!//2.6e-11:40:85//HOMO SAPIENS (HUMAN)//P39195
 F-PLACE1002962//ENDOTHELIN-1 PRECURSOR (ET-1) (FRAGMENT)//0.90:38:36//CANIS FAMILIARIS (DOG)//P13206
 F-PLACE1002968//TOXIN IV-5 PRECURSOR (TITYUSTOXIN) (FRAGMENT)//0.97:26:38//TITYUS SERRULATUS (BRAZILIAN SCORPION)//P01496
 35 F-PLACE1002991//PUTATIVE AMIDASE (EC 3.5.1.4)//3.3e-20:120:41//METHANOCOCCUS JANNASCHII//Q58560
 F-PLACE1002993//HYPOTHETICAL 17.8 KD PROTEIN IN SMPA-SMPB INTERGENIC REGION (F158)//0.00045:93:23//ESCHERICHIA COLI//P52121
 40 F-PLACE1002996//PUTATIVE REGULATORY PROTEIN TSC-22 (TGFB STIMULATED CLONE 22 HOMOLOG)//0.17:91:29//GALLUS GALLUS (CHICKEN)//Q91012
 F-PLACE1003025//SUPPRESSOR PROTEIN SRP40//0.0079:214:24//SACCHAROMYCES CEREVISIAE (BAKER'S YEAST)//P32583
 F-PLACE1003027//HYPOTHETICAL 128.6 KD PROTEIN ZK1098.10 IN CHROMOSOME III//1.3e-49:167:63//CAENORHABDITIS ELEGANS//P34609
 45 F-PLACE1003044//SPORE COAT PROTEIN D//0.97:24:45//BACILLUS SUBTILIS//P07791
 F-PLACE1003045
 F-PLACE1003092
 F-PLACE1003100//HEP27 PROTEIN (PROTEIN D)//3.9e-51:188:57//HOMO SAPIENS (HUMAN)//Q13268
 50 F-PLACE1003108
 F-PLACE1003136
 F-PLACE1003145//BUTYROPHILIN PRECURSOR (BT)//0.00024:170:24//BOS TAURUS (BOVINE)//P18892
 F-PLACE1003153//HUNCHBACK PROTEIN (FRAGMENT)//1.0:32:37//LOCUSTA MIGRATORIA (MIGRATORY LOCUST)//Q01777
 55 F-PLACE1003174//UBIQUITIN-CONJUGATING ENZYME E2-18 KD (EC 6.3.2.19) (UBIQUITIN- PROTEIN LIGASE) (UBIQUITIN CARRIER PROTEIN) (PM42)//6.3e-05:54:38//ARABIDOPSIS THALIANA (MOUSE-EAR CRESS)//P42743
 F-PLACE1003176//HYPOTHETICAL 62.3 KD PROTEIN IN PCS60-ABD1 INTERGENIC REGION//0.24:74:36//

SACCHAROMYCES CEREVISIAE (BAKER'S YEAST)//P38319
 F-PLACE1003190//SOF1 PROTEIN//1.0e-52:158:41//SACCHAROMYCES CEREVISIAE (BAKER'S YEAST)//
 P33750
 F-PLACE1003200
 5 F-PLACE1003205//SPERM PROTAMINE P1//0.074:20:45//CAENOLESTES FULIGINOSUS//P42131
 F-PLACE1003238//PROBABLE G PROTEIN-COUPLED RECEPTOR KIAA0001//0.013:20:55//HOMO SAPIENS
 (HUMAN)//Q15391
 F-PLACE1003249//HYPOTHETICAL PROTEIN KIAA0125//0.98:48:37//HOMO SAPIENS (HUMAN)//Q14138
 F-PLACE1003256//OMEGA-CONOTOXINS GVIA, GVIB AND GVIC PRECURSOR (SHAKER PEPTIDE)//0.84:
 10 53:30//CONUS GEOGRAPHUS (GEOGRAPHY CONE)//P01522
 F-PLACE1003258//EARLY EMBRYOGENESIS ZYG-11 PROTEIN//4.1e-18:70:47//CAENORHABDITIS ELE-
 GANS//P21541
 F-PLACE1003296//SPECTRIN BETA CHAIN, ERYTHROCYTE//0.063:160:24//HOMO SAPIENS (HUMAN)//
 P11277
 15 F-PLACE1003302//ZINC FINGER PROTEIN 83 (ZINC FINGER PROTEIN HPF1)//9.4e-69:84:94//HOMO SAPI-
 ENS (HUMAN)//P51522
 F-PLACE1003334//NUCLEOBINDIN PRECURSOR (NUCB1) (BONE 63 KD CALCIUM-BINDING PROTEIN)//
 0.029:125:24//RATTUS NORVEGICUS (RAT)//Q63083
 F-PLACE1003342//MALE SPECIFIC SPERM PROTEIN MST84DB//0.97:44:40//DROSOPHILA MELA-
 20 NOGASTER (FRUIT FLY)//Q01643
 F-PLACE1003343//GENE 11 PROTEIN//1.0:37:37//SPIROPLASMA VIRUS SPV1-R8A2 B//P15902
 F-PLACE1003353//SH2/SH3 ADAPTOR CRK (ADAPTER MOLECULE CRK) (CRK2)//6.4e-05:69:40//XENOPUS
 LAEVIS (AFRICAN CLAWED FROG)//P87378
 F-PLACE1003361//!!!! ALU SUBFAMILY SC WARNING ENTRY !!!!!/1.6e-23:66:75//HOMO SAPIENS (HUMAN)//
 25 P39192
 F-PLACE1003366//SMALL PROLINE-RICH PROTEIN 2-1//0.62:19:57//HOMO SAPIENS (HUMAN)//P35326
 F-PLACE1003369//A-AGGLUTININ ATTACHMENT SUBUNIT PRECURSOR//4.3e-06:102:42//SACCHAROMY-
 CES CEREVISIAE (BAKER'S YEAST)//P32323
 F-PLACE1003373//PROTEIN Q300//0.042:29:37//MUS MUSCULUS (MOUSE)//Q02722
 30 F-PLACE1003375//OLFACTORY RECEPTOR 11 (M49) (FRAGMENT)//0.99:46:34//MUS MUSCULUS
 (MOUSE)//Q60890
 F-PLACE1003383
 F-PLACE1003394//RAS-RELATED PROTEIN RAB-14//2.8e-80:166:89//RATTUS NORVEGICUS (RAT)//
 P35287
 35 F-PLACE1003401
 F-PLACE1003420//PUTATIVE MITOCHONDRIAL CARRIER YIL006W//8.1e-17:138:37//SACCHAROMYCES
 CEREVISIAE (BAKER'S YEAST)//P40556
 F-PLACE1003454
 F-PLACE1003478
 40 F-PLACE1003493//ENDOTHELIAL CELL MULTIMERIN PRECURSOR//3.4e-11:123:32//HOMO SAPIENS (HU-
 MAN)//Q13201
 F-PLACE1003516//LINE-1 REVERSE TRANSCRIPTASE HOMOLOG//1.0e-32:68:76//HOMO SAPIENS (HU-
 MAN)//P08547
 F-PLACE1003519//!!!! ALU SUBFAMILY J WARNING ENTRY !!!!!/9.2e-17:77:50//HOMO SAPIENS (HUMAN)//
 45 P39188
 F-PLACE1003521//HYPOTHETICAL BAMHI-ORF9 PROTEIN//1.0:38:42//FOWLPOX VIRUS (ISOLATE HP-438
 [MUNICH])//P14366
 F-PLACE1003528//ATP SYNTHASE PROTEIN 8 (EC 3.6.1.34) (A6L)//0.96:32:40//XENOPUS LAEVIS (AFRI-
 CAN CLAWED FROG)//P03931
 50 F-PLACE1003537//CEF PROTEIN//0.92:47:29//BACTERIOPHAGE T4//Q01436
 F-PLACE1003553
 F-PLACE1003566//HYPOTHETICAL BAMHI-ORF9 PROTEIN//1.0:32:34//FOWLPOX VIRUS (ISOLATE HP-438
 [MUNICH])//P14366
 F-PLACE1003575
 55 F-PLACE1003583//PROBABLE E5 PROTEIN//0.16:64:31//HUMAN PAPILLOMAVIRUS TYPE 35//P27226
 F-PLACE1003584
 F-PLACE1003592//EXCISIONASE//0.26:19:52//BACTERIOPHAGE PHI-80//P05998
 F-PLACE1003593//ATP SYNTHASE PROTEIN 8 (EC 3.6.1.34) (A6L)//1.0:42:30//OVIS ARIES (SHEEP)//

O78751

F-PLACE1003596//OLIGOSACCHARYL TRANSFERASE STT3 SUBUNIT HOMOLOG//6.3e-87:238:67//
CAENORHABDITIS ELEGANS//P46975

F-PLACE1003602//HYPOTHETICAL 11.0 KD PROTEIN IN FAA3-MAS3 INTERGENIC REGION//8.4e-17:98:42//
SACCHAROMYCES CEREVISIAE (BAKER'S YEAST)//P40554

F-PLACE1003605//HAP5 TRANSCRIPTIONAL ACTIVATOR//2.0e-09:82:35//SACCHAROMYCES CEREVISIAE
(BAKER'S YEAST)//Q02516

F-PLACE1003611//PANCREATIC SECRETORY TRYPSIN INHIBITOR//0.99:32:43//CANIS FAMILIARIS
(DOG)//P04542

F-PLACE1003618//LINE-1 REVERSE TRANSCRIPTASE HOMOLOG//4.7e-65:229:58//HOMO SAPIENS (HU-
MAN)//P08547

F-PLACE1003625//30S RIBOSOMAL PROTEIN S20 (FRAGMENT)//1.0:56:26//PROTEUS MIRABILIS//P42275

F-PLACE1003638//PROTEIN Q300//0.079:41:39//MUS MUSCULUS (MOUSE)//Q02722

F-PLACE1003669//TRICHOHYALIN//2.9e-07:180:30//OVIS ARIES (SHEEP)//P22793

F-PLACE1003704//SPLICING FACTOR, ARGININE/SERINE-RICH 4 (PRE-MRNA SPLICING FACTOR
SRP75)//3.3e-16:98:40//HOMO SAPIENS (HUMAN)//Q08170

F-PLACE1003709//HYPOTHETICAL 59.5 KD PROTEIN IN CCT3-CCT8 INTERGENIC REGION//2.8e-07:128:
27//SACCHAROMYCES CEREVISIAE (BAKER'S YEAST)//P47074

F-PLACE1003711//ALPHA/BETA-GLIADIN PRECURSOR (PROLAMIN) (CLASS A-IV)//5.0e-05:88:30//TRITI-
CUM AESTIVUM (WHEAT)//P04724

F-PLACE1003723//TYROSINE-PROTEIN KINASE SRM (EC 2.7.1.112) (PTK70)//6.0e-06:98:36//MUS MUSCU-
LUS (MOUSE)//Q62270

F-PLACE1003738//OOCYTE ZINC FINGER PROTEIN XLCOF6 (FRAGMENT)//2.5e-45:147:46//XENOPUS
LAEVIS (AFRICAN CLAWED FROG)//P18749

F-PLACE1003760//CYTOCHROME B (EC 1.10.2.2)//0.91:49:34//TRYPANOSOMA BRUCEI BRUCEI//P00164

F-PLACE1003762//METALLOTHIONEIN-LIKE PROTEIN TYPE 2//0.98:28:32//MALUS DOMESTICA (APPLE)
(MALUS SYLVESTRIS)//O24058

F-PLACE1003768//LINE-1 REVERSE TRANSCRIPTASE HOMOLOG//8.5e-19:123:37//HOMO SAPIENS (HU-
MAN)//P08547

F-PLACE1003771

F-PLACE1003783//SRV-RELATED PROTEIN ADW2 (FRAGMENT)//1.0:29:37//ALLIGATOR MISSISSIPPIEN-
SIS (AMERICAN ALLIGATOR)//P40634

F-PLACE1003784//HYPOTHETICAL 98.1 KD PROTEIN IN SPX19_GCR2 INTERGENIC REGION//1.2e-13:199:
28//SACCHAROMYCES CEREVISIAE (BAKER'S YEAST)//P40164

F-PLACE1003795//EC PROTEIN I/II (ZINC-METALLOTHIONEIN CLASS II)//0.67:53:30//TRITICUM AESTIVUM
(WHEAT)//P30569

F-PLACE1003833//METHIONYL-TRNA FORMYLTRANSFERASE (EC 2.1.2.9)//0.99:158:28//THERMUS
AQUATICUS (SUBSP. THERMOPHILUS)//P43523

F-PLACE1003850

F-PLACE1003858//HUNCHBACK PROTEIN (FRAGMENT)//0.37:28:42//LITHOBIUS FORFICATUS//Q02030

F-PLACE1003864//OUTER MEMBRANE LIPOPROTEIN LQIB PRECURSOR//0.0046:116:31//ACTINOBACIL-
LUS ACTINOMYCETEMCOMITANS (HAEMOPHILUS ACTINOMYCETEMCOMITANS)//O52727

F-PLACE1003870

F-PLACE1003885//POLY(A) POLYMERASE (EC 2.7.7.19) (PAP) (POLYNUCLEOTIDE ADENYLYLTRANS-
FERASE) (FRAGMENT)//1.6e-92:166:75//HOMO SAPIENS (HUMAN)//P51003

F-PLACE1003886//IMMEDIATE-EARLY PROTEIN IE180//0.54:96:34//PSEUDORABIES VIRUS (STRAIN INDI-
ANA-FUNKHAUSER / BECKER) (PRV)//P11675

F-PLACE1003888//1-PHOSPHATIDYLINOSITOL-4,5-BISPHOSPHATE PHOSPHODIESTERASE DELTA 1 (EC
3.1.4.11) (PLC-DELTA-1) (PHOSPHOLIPASE C-DELTA-1) (PLC-III) (FRAGMENT)//8.8e-54:260:46//BOS TAU-
RUS (BOVINE)//P10895

F-PLACE1003892//PROBABLE E5 PROTEIN//1.0:13:61//HUMAN-PAPILLOMAVIRUS TYPE 18//P06792

F-PLACE1003900//BETA-FRUCTOFURANOSIDASE, SOLUBLE ISOENZYME I (EC 3.2.1.26) (SUCROSE-6-
PHOSPHATE HYDROLASE) (INVERTASE) (FRAGMENTS)//0.58:49:36//DAUCUS CAROTA (CARROT)//
P80065

F-PLACE1003903//CTP SYNTHASE (EC 6.3.4.2) (UTP--AMMONIA LIGASE) (CTP SYNTHETASE)//3.8e-52:92:
85//HOMO SAPIENS (HUMAN)//P17812

F-PLACE1003915//PROBABLE ARGINYL-TRNA SYNTHETASE, CYTOPLASMIC (EC 6.1.1.19) (ARGININE-
TRNA LIGASE) (ARGRS)//2.6e-26:202:36//SACCHAROMYCES CEREVISIAE (BAKER'S YEAST)//Q05506

F-PLACE1003923//HISTIDYL-TRNA SYNTHETASE (EC 6.1.1.21) (HISTIDINE--TRNA LIGASE) (HISRS)//0.94:
 65:29//STREPTOCOCCUS EQUISIMILIS//P30053
 F-PLACE1003932//HYPOTHETICAL 17.3 KD PROTEIN IN SEC15-SAP4 INTERGENIC REGION//0.098:79:31//
 SACCHAROMYCES CEREVISIAE (BAKER'S YEAST)//P53074
 5 F-PLACE1003936
 F-PLACE1003968//5'-AMP-ACTIVATED PROTEIN KINASE, GAMMA-1 SUBUNIT (AMPK GAMMA-1 CHAIN)//
 4.7e-68:164:78//RATTUS NORVEGICUS (RAT)//P80385
 F-PLACE1004103//!!!! ALU SUBFAMILY SC WARNING ENTRY !!!!!/1.9e-14:60:73//HOMO SAPIENS (HUMAN)//
 P39192
 10 F-PLACE1004104//EXOCYST COMPLEX COMPONENT SEC5//0.020:202:20//SACCHAROMYCES CEREVI-
 SIAE (BAKER'S YEAST)//P89102
 F-PLACE1004114//!!!! ALU SUBFAMILY J WARNING ENTRY !!!!!/2.1e-15:69:60//HOMO SAPIENS (HUMAN)//
 P39188
 F-PLACE1004118//REGULATORY PROTEIN E2//0.73:58:36//CANINE ORAL PAPILLOMAVIRUS (COPV)//
 15 Q89420
 F-PLACE1004128//GUANINE NUCLEOTIDE-BINDING PROTEIN BETA SUBUNIT 4 (TRANSDUCIN BETA
 CHAIN 4)//7.7e-62:108:100//MUS MUSCULUS (MOUSE)//P29387
 F-PLACE1004149//PROBABLE NUCLEAR ANTIGEN//0.0011:73:42//PSEUDORABIES VIRUS (STRAIN KAP-
 LAN) (PRV)//P33485
 20 F-PLACE1004156//HYPOTHETICAL PROLINE-RICH PROTEIN (FRAGMENT)//0.00061:39:48//OWENIA FUSI-
 FORMIS//P21260
 F-PLACE1004161//PLASMINOGEN-BINDING PROTEIN PAM PRECURSOR (FRAGMENT)//0.033:108:27//
 STREPTOCOCCUS PYOGENES//P49054
 F-PLACE1004183//HYPOTHETICAL 64.3 KD PROTEIN IN CDC12-ERP5 INTERGENIC REGION//4.0e-07:146:
 25 35//SACCHAROMYCES CEREVISIAE (BAKER'S YEAST)//P38817
 F-PLACE1004197//BUTYROPHILIN PRECURSOR (BT)//5.9e-11:208:27//MUS MUSCULUS (MOUSE)//
 Q62556
 F-PLACE1004203//PROTEIN A39//8.5e-18:139:33//VACCINIA VIRUS (STRAIN COPENHAGEN)//P21062
 F-PLACE1004242//PHOTOSYSTEM II REACTION CENTRE J PROTEIN//1.0:28:42//PISUM SATIVUM (GAR-
 30 DEN PEA)//P13555
 F-PLACE1004256//MYOSIN HEAVY CHAIN D (MHC D)//0.73:134:25//CAENORHABDITIS ELEGANS//P02567
 F-PLACE1004257//HYPOTHETICAL PROTEIN HI0490//0.13:75:29//HAEMOPHILUS INFLUENZAE//P44006
 F-PLACE1004258//COLLAGEN ALPHA 2(VIII) CHAIN (ENDOTHELIAL COLLAGEN) (FRAGMENT)//0.027:128:
 35 35//HOMO SAPIENS (HUMAN)//P25067
 F-PLACE1004270//LARGE TEGUMENT PROTEIN//1.8e-10:100:44//EPSTEIN-BARR VIRUS (STRAIN B95-8)
 (HUMAN HERPESVIRUS 4)//P03186
 F-PLACE1004274//HYPOTHETICAL PROTEIN E-95//0.44:61:42//HUMAN ADENOVIRUS TYPE 2//P03286
 F-PLACE1004277//COLLAGEN ALPHA 1(XII) CHAIN (FRAGMENTS)//0.0013:55:38//BOS TAURUS (BOVINE)//
 P25508
 40 F-PLACE1004284//7 KD PROTEIN (ORF 4)//1.0:63:23//CHRYSANthemum VIRUS B (CVB)//P37990
 F-PLACE1004289//SPERM PROTAMINE P3//0.00057:22:77//MUS MUSCULUS (MOUSE)//Q62100
 F-PLACE1004302//SERINE/THREONINE PROTEIN KINASE AFSK (EC 2.7.1.-)//0.0065:148:29//STREPTOMY-
 CES COELICOLOR//P54741
 45 F-PLACE1004316//AUTOPHAGY PROTEIN APG5//8.8e-06:117:29//SACCHAROMYCES CEREVISIAE (BAK-
 ER'S YEAST)//Q12380
 F-PLACE1004336//COLLAGEN ALPHA 4(IV) CHAIN PRECURSOR//0.0027:83:36//HOMO SAPIENS (HU-
 MAN)//P53420
 F-PLACE1004358//PROCOLLAGEN ALPHA 1(I) CHAIN PRECURSOR//2.9e-05:200:33//GALLUS GALLUS
 (CHICKEN)//P02457
 50 F-PLACE1004376//AXONEME-ASSOCIATED PROTEIN MST101(2)//2.4e-05:179:29//DROSOPHILA HYDEI
 (FRUIT FLY)//Q08696
 F-PLACE1004384//!!!! ALU SUBFAMILY SQ WARNING ENTRY !!!!!/1.6e-28:46:76//HOMO SAPIENS (HUMAN)//
 P39194
 F-PLACE1004388//HYPOTHETICAL 75.2 KD PROTEIN IN ACS1-GCV3 INTERGENIC REGION//5.7e-34:202:
 55 37//SACCHAROMYCES CEREVISIAE (BAKER'S YEAST)//P39722
 F-PLACE1004405//NEURAMINYLLACTOSE-BINDING HEMAGGLUTININ (N-ACETYLNEURAMINYLLAC-
 TOSE- BINDING FIBRILLAR HEMAGGLUTININ RECEPTOR-BINDING SUBUNIT) (NLBH) (FLAGELLAR
 SHEATH ADHESIN) (ADHESIN A) (FRAGMENT)//0.93:74:33//HELICOBACTER ACINONYX//Q47947

F-PLACE1004425//!!!! ALU SUBFAMILY SX WARNING ENTRY !!!!!/0.81:70:42//HOMO SAPIENS (HUMAN)//
 P39195
 F-PLACE1004428//PRISTANOYL-COA OXIDASE (EC 1.3.3.-)//1.9e-31:203:39//RATTUS NORVEGICUS
 (RAT)//Q63448
 5 F-PLACE1004437//ISOCITRATE DEHYDROGENASE [NAD], MITOCHONDRIAL SUBUNIT BETA PRECURSOR
 (EC 1.1.1.41) (ISOCITRIC DEHYDROGENASE) (NAD⁺-SPECIFIC ICDH) (FRAGMENT)//4.2e-93:140:100//
 MACACA FASCICULARIS (CRAB EATING MACAQUE) (CYNOMOLGUS MONKEY)//Q28479
 F-PLACE1004451//!!!! ALU SUBFAMILY J WARNING ENTRY !!!!!/0.00013:40:62//HOMO SAPIENS (HUMAN)//
 P39188
 10 F-PLACE1004460//MATERNAL TUDOR PROTEIN//0.0066:218:23//DROSOPHILA MELANOGASTER (FRUIT
 FLY)//P25823
 F-PLACE1004467//!!!! ALU SUBFAMILY SP WARNING ENTRY !!!!!/7.8e-10:33:87//HOMO SAPIENS (HUMAN)//
 P39193
 F-PLACE1004471//ZINC FINGER PROTEIN 83 (ZINC FINGER PROTEIN HPF1)//7.0e-56:92:58//HOMO SAPI-
 15 ENS (HUMAN)//P51522
 F-PLACE1004473//HYPOTHETICAL 54.3 KD PROTEIN C23D3.03C IN CHROMOSOME I//0.019:136:27//
 SCHIZOSACCHAROMYCES POMBE (FISSION YEAST)//Q09844
 F-PLACE1004491//LYSIS PROTEIN//0.95:53:30//BACTERIOPHAGE FR//P19903
 F-PLACE1004506//AUTOIMMUNOGENIC CANCER/TESTIS ANTIGEN NY-ESO-1 (LAGE-1)//0.58:66:34//HO-
 20 MO SAPIENS (HUMAN)//P78358
 F-PLACE1004510//TRANSCRIPTION INITIATION FACTOR TFIID 150 KD SUBUNIT (TAFII-150) (TAFII150)//
 3.0e-07:63:46//DROSOPHILA MELANOGASTER (FRUIT FLY)//Q24325
 F-PLACE1004516//HYPOTHETICAL PROTEIN 5' TO ASP-RICH AND HIS-RICH PROTEINS (FRAGMENT)//
 0.95:62:29//PLASMODIUM FALCIPARUM (ISOLATE FCM17 / SENEGAL)//P14587
 25 F-PLACE1004518//METALLOTHIONEIN 10-III (MT-10-III)//0.91:28:42//MYTILUS EDULIS (BLUE MUSSEL)//
 P80248
 F-PLACE1004548//DIHYDROPYRIDINE-SENSITIVE L-TYPE, SKELETAL MUSCLE CALCIUM CHANNEL GAM-
 MA SUBUNIT//0.94:75:32//ORYCTOLAGUS CUNICULUS (RABBIT)//P19518
 F-PLACE1004550//CUTICLE COLLAGEN 2//0.90:155:31//CAENORHABDITIS ELEGANS//P17656
 30 F-PLACE1004564//CLEAVAGE AND POLYADENYLATION SPECIFICITY FACTOR, 100 KD SUBUNIT (CPSF 100
 KD SUBUNIT)//3.2e-70:121:100//BOS TAURUS (BOVINE)//Q10568
 F-PLACE1004629//PROTEIN OS-9 PRECURSOR//1.7e-10:132:36//HOMO SAPIENS (HUMAN)//Q13438
 F-PLACE1004645//TRANSCRIPTION INITIATION FACTOR IIB HOMOLOG (TFIIB)//0.00036:100:30//PYRO-
 COCCUS FURIOSUS//Q51731
 35 F-PLACE1004646//PROBABLE UDP-GALACTOPYRANOSE MUTASE (EC 5.4.99.9)//0.91:58:29//KLEBSIELLA
 PNEUMONIAE//Q48481
 F-PLACE1004658//GLUTAMATE [NMDA] RECEPTOR SUBUNIT EPSILON 4 PRECURSOR (N-METHYL D-AS-
 PARTATE RECEPTOR SUBTYPE 2D) (NR2D) (NMDAR2D)//0.031:134:32//MUS MUSCULUS (MOUSE)//
 Q03391
 40 F-PLACE1004664//HYPOTHETICAL 180.2 KD PROTEIN IN FAA4-HOR7 INTERGENIC REGION//0.025:125:
 20//SACCHAROMYCES CEREVISIAE (BAKER'S YEAST)//Q04781
 F-PLACE1004672//HYPOTHETICAL 36.7 KD PROTEIN C2F7.14C IN CHROMOSOME I//7.6e-52:158:56//
 SCHIZOSACCHAROMYCES POMBE (FISSION YEAST)//Q09704
 F-PLACE1004674//PROBABLE CALCIUM-BINDING PROTEIN ALG-2 (PMP41) (ALG-257)//1.4e-88:144:93//
 45 MUS MUSCULUS (MOUSE)//P12815
 F-PLACE1004681//CCR4-ASSOCIATED FACTOR 1 (CAF1)//1.0e-34:70:100//MUS MUSCULUS (MOUSE)//
 Q60809
 F-PLACE1004686//!!!! ALU SUBFAMILY SC WARNING ENTRY !!!!!/3.4e-08:48:62//HOMO SAPIENS (HUMAN)//
 P39192
 50 F-PLACE1004691//METALLOTHIONEIN (MT)//0.064:24:45//ARIANTA ARBUSTORUM//P55946
 F-PLACE1004693
 F-PLACE1004716//ATP SYNTHASE PROTEIN 8 (EC 3.6.1.34) (A6L)//1.0:27:37//PAN PANISCUS (PYGMY
 CHIMPANZEE) (BONOBO)//Q35587
 F-PLACE1004722//HYPOTHETICAL 61.5 KD PROTEIN IN CLA4-MID1 INTERGENIC REGION//0.95:53:33//
 55 SACCHAROMYCES CEREVISIAE (BAKER'S YEAST)//P48565
 F-PLACE1004736//NEURONAL AXONAL MEMBRANE PROTEIN NAP-22//0.014:163:30//RATTUS NORVEGI-
 CUS (RAT)//Q05175
 F-PLACE1004740//!!!! ALU SUBFAMILY SQ WARNING ENTRY !!!!!/1.9e-09:37:70//HOMO SAPIENS (HUMAN)//

P39194

F-PLACE1004743//HYPOTHETICAL 12.6 KD PROTEIN IN 'ALGR3 3'REGION.//0.99:72:33//PSEUDOMONAS AERUGINOSA.//P21484

F-PLACE1004751//CMP-N-ACETYLNEURAMINATE-BETA-GALACTOSAMIDE-ALPHA-2,3-SIALYLTRANSFERASE (EC 2.4.99.-) (BETA-GALACTOSIDE ALPHA-2,3-SIALYLTRANSFERASE) (ST3GALIII) (ALPHA 2,3-ST) (GAL-NAC6S) (STZ) (SIAT4-C) (SAT-3) (ST-4).//2.2e-08:90:38//HOMO SAPIENS (HUMAN).//Q11206

F-PLACE1004773//ANKYRIN R (ANKYRINS 2.1 AND 2.2) (ERYTHROCYTE ANKYRIN).//3.2e-25:233:32//HOMO SAPIENS (HUMAN).//P16157

F-PLACE1004777//N-CHIMAERIN (NC) (N-CHIMERIN) (ALPHA CHIMERIN) (A-CHIMAERIN).//8.1e-26:210:30//RATTUS NORVEGICUS (RAT).//P30337

F-PLACE1004793//ENV POLYPROTEIN [CONTAINS: COAT PROTEIN GP52; COAT PROTEIN GP36].//0.00062:106:25//MOUSE MAMMARY TUMOR VIRUS (STRAIN BR6).//P10259

F-PLACE1004804

F-PLACE1004813//HYPOTHETICAL PROTEIN UL12.//1.0:22:40//HUMAN CYTOMEGALOVIRUS (STRAIN AD169).//P16777

F-PLACE1004814//HYPOTHETICAL 37.0 KD PROTEIN B0495.8 IN CHROMOSOME II.//2.8e-06:136:25//CAENORHABDITIS ELEGANS.//Q09217

F-PLACE1004815

F-PLACE1004824//HYPOTHETICAL 106.7 KD PROTEIN IN MUP1-SPR3 INTERGENIC REGION.//2.3e-09:70:38//SACCHAROMYCES CEREVISIAE (BAKER'S YEAST).//P53236

F-PLACE1004827//HYPOTHETICAL 9.4 KD PROTEIN IN FLAL-3'REGION (ORF3).//0.54:25:56//BACILLUS LICHENIFORMIS.//P22754

F-PLACE1004836//ANNEXIN VII (SYNEXIN) (FRAGMENT).//0.0066:12:66//BOS TAURUS (BOVINE).//P20072

F-PLACE1004838

F-PLACE1004840

F-PLACE1004868//MALE STERILITY PROTEIN 2.//4.0e-16:172:30//ARABIDOPSIS THALIANA (MOUSE-EAR CRESS).//Q08891

F-PLACE1004885

F-PLACE1004900//MAST CELL DEGRANULATING PEPTIDE PRECURSOR (MCDP) (MCD) (PEPTIDE 401).//1.0:23:47//APIS MELLIFERA (HONEYBEE).//P01499

F-PLACE1004902//PUTATIVE PRE-MRNA SPLICING FACTOR ATP-DEPENDENT RNA HELICASE SPAC10F6.02C.//7.3e-15:94:47//SCHIZOSACCHAROMYCES POMBE (FISSION YEAST).//Q42643

F-PLACE1004913//HYPOTHETICAL 7.2 KD PROTEIN IN BCSA-DEGR INTERGENIC REGION.//1.0:42:33//BACILLUS SUBTILIS.//P54165

F-PLACE1004918//HYPOTHETICAL 12.4 KD PROTEIN IN RPS21B-MRS3 INTERGENIC REGION.//0.98:50:34//SACCHAROMYCES CEREVISIAE (BAKER'S YEAST).//P47012

F-PLACE1004930//HYPOTHETICAL PROTEIN MJ0562.//0.82:44:36//METHANOCOCCUS JANNASCHII.//Q57982

F-PLACE1004934

F-PLACE1004937//HYPOTHETICAL 67.1 KD TRP-ASP REPEATS CONTAINING PROTEIN C57A10.05C IN CHROMOSOME I.//9.0e-10:87:33//SCHIZOSACCHAROMYCES POMBE (FISSION YEAST).//P87053

F-PLACE1004969//HYPOTHETICAL 55.1 KD PROTEIN B0416.5 IN CHROMOSOME X.//4.0e-14:184:25//CAENORHABDITIS ELEGANS.//Q11073

F-PLACE1004972//BROMELAIN INHIBITOR 2 (BI-II) (BROMELAIN INHIBITOR VI) (BI-VI).//1.0:35:37//ANANAS COMOSUS (PINEAPPLE).//P27478

F-PLACE1004979//!!!! ALU SUBFAMILY SC WARNING ENTRY !!!!!//5.3e-30:55:72//HOMO SAPIENS (HUMAN).//P39192

F-PLACE1004982//M PROTEIN, SEROTYPE 12 PRECURSOR (FRAGMENT).//0.00049:124:27//STREPTOCOCCUS PYOGENES.//P19401

F-PLACE1004985//ATP SYNTHASE PROTEIN 8 (EC 3.6.1.34) (A6L).//1.0:26:34//LUMBRICUS TERRESTRIS (COMMON EARTHWORM).//Q34942

F-PLACE1005026//TELOMERE-BINDING PROTEIN HOMOLOG.//0.0011:179:27//EUPLOTES CRASSUS.//Q06183

F-PLACE1005027

F-PLACE1005046//ANNEXIN VII (SYNEXIN) (FRAGMENT).//0.082:44:36//BOS TAURUS (BOVINE).//P20072

F-PLACE1005052//MALE SPECIFIC SPERM PROTEIN MST84DD.//0.38:36:44//DROSOPHILA MELANOGASTER (FRUIT FLY).//Q01645

F-PLACE1005055

- F-PLACE1005066//RING CANAL PROTEIN (KELCH PROTEIN)//2.9e-38:194:39//DROSOPHILA MELANOGASTER (FRUIT FLY)//Q04652
- F-PLACE1005077
- 5 F-PLACE1005085//INSECT TOXIN 1 (BOT IT1)//0.85:36:33//BUTHUS OCCITANUS TUNETANUS (COMMON EUROPEAN SCORPION)//P55902
- F-PLACE1005086//!!!! ALU SUBFAMILY SQ WARNING ENTRY !!!!!/8.5e-38:93:76//HOMO SAPIENS (HUMAN)//P39194
- F-PLACE1005101//HYPOTHETICAL PROTEIN ZAP128 (FRAGMENT)//1.6e-11:35:100//HOMO SAPIENS (HUMAN)//P49753
- 10 F-PLACE1005102//ZINC FINGER PROTEIN 151 (POLYOMAVIRUS LATE INITIATOR PROMOTER BINDING PROTEIN) (LP-1) (ZINC FINGER PROTEIN Z13)//3.0e-14:110:38//MUS MUSCULUS (MOUSE)//Q60821
- F-PLACE1005108//METALLOTHIONEIN-III (MT-III) (GROWTH INHIBITORY FACTOR) (GIF)//0.41:35:34//BOS TAURUS (BOVINE)//P37359
- 15 F-PLACE1005111//ATP SYNTHASE PROTEIN 8 (EC 3.6.1.34), (A6L) (CHARGERIN II)//1.0:29:41//RATTUS NORVEGICUS (RAT)//P11608
- F-PLACE1005128//RABPHILIN-3A (FRAGMENT)//5.9e-05:95:36//MUS MUSCULUS (MOUSE)//P47708
- F-PLACE1005146//FIBROBLAST GROWTH FACTOR INDUCIBLE PROTEIN 15 (FIN15)//0.17:48:35//MUS MUSCULUS (MOUSE)//Q61075
- 20 F-PLACE1005162//!!!! ALU SUBFAMILY SB WARNING ENTRY !!!!!/1.0e-31:60:76//HOMO SAPIENS (HUMAN)//P39189
- F-PLACE1005176
- F-PLACE1005181//HYPOTHETICAL 7 KD PROTEIN//1.0:31:45//MEASLES VIRUS (STRAIN HALLE) (SUBACUTE SCLEROSE PANENCEPHALITIS VIRUS)//P06831
- 25 F-PLACE1005187//GLUCAN SYNTHASE-1 (EC 2.4.1.34) (1,3-BETA-GLUCAN SYNTHASE) (UDP-GLUCOSE-1,3-BETA-D-GLUCAN GLUCOSYLTRANSFERASE)//0.0025:58:34//NEUROSPORA CRASSA//P38678
- F-PLACE1005206//HYPOTHETICAL 10.7 KD PROTEIN//0.34:57:42//VACCINIA VIRUS (STRAIN COPENHAGEN)//P20511
- F-PLACE1005232//AMELOGENIN, Y ISOFORM PRECURSOR//0.70:60:35//HOMO SAPIENS (HUMAN)//Q99218
- 30 F-PLACE1005243//SERINE/THREONINE PROTEIN KINASE PKPA (EC 2.7.1.-)//0.0017:114:27//PHYCOMYCES BLAKESLEEANUS//Q01577
- F-PLACE1005261//HYPOTHETICAL 90.8 KD PROTEIN T05H10.7 IN CHROMOSOME II//1.2e-38:206:41//CAENORHABDITIS ELEGANS//Q10003
- F-PLACE1005266
- 35 F-PLACE1005277//PROTEIN GURKEN PRECURSOR//0.58:95:29//DROSOPHILA MELANOGASTER (FRUIT FLY)//P42287
- F-PLACE1005287//INNER CENTROMERE PROTEIN (INCENP)//2.0e-12:211:29//GALLUS GALLUS (CHICKEN)//P53352
- F-PLACE1005305//GTP:AMP PHOSPHOTRANSFERASE MITOCHONDRIAL (EC 2.7.4.10) (AK3)//1.8e-78:205:78//BOS TAURUS (BOVINE)//P08760
- 40 F-PLACE1005308//WOUND-INDUCED BASIC PROTEIN//0.99:40:40//PHASEOLUS VULGARIS (KIDNEY BEAN) (FRENCH BEAN)//Q09020
- F-PLACE1005313//HYPOTHETICAL 8.7 KD PROTEIN IN LEUX-FECE INTERGENIC REGION (O67)//0.15:36:41//ESCHERICHIA COLI//P39355
- 45 F-PLACE1005327//DNA-BINDING P52/P100 COMPLEX, 100 KD SUBUNIT (FRAGMENTS)//1.0:19:52//HOMO SAPIENS (HUMAN)//P30808
- F-PLACE1005331//BREAKPOINT CLUSTER REGION PROTEIN//0.00021:98:35//HOMO SAPIENS (HUMAN)//P11274
- F-PLACE1005335//IROQUOIS-CLASS HOMEODOMAIN PROTEIN, IRX-3//0.37:98:33//MUS MUSCULUS (MOUSE)//P81067
- 50 F-PLACE1005373//PSEUDOURIDYLATE SYNTHASE 4 (EC 4.2.1.70) (PSEUDOURIDINE SYNTHASE 4) (TRNA PSEUDOURIDINE 55 SYNTHASE) (PSI55 SYNTHASE) (PSEUDOURIDYLATE SYNTHASE) (URACIL HYDROLASE)//0.010:96:28//SACCHAROMYCES CEREVISIAE (BAKER'S YEAST)//P48567
- F-PLACE1005374
- 55 F-PLACE1005409
- F-PLACE1005453//LICHENASE PRECURSOR (EC 3.2.1.73) (ENDO-BETA-1,3-1,4 GLUCANASE)//1.0:50:32//NICOTIANA PLUMBAGINIFOLIA (LEADWORT-LEAVED TOBACCO)//P07979
- F-PLACE1005467//KERATIN, FEATHER (F-KER)//0.0095:42:35//LARUS NOVAE-HOLLANDIAE (SILVER

GULL//P02451
 F-PLACE1005471//NADH-UBIQUINONE OXIDOREDUCTASE CHAIN 4L (EC 1.6.5.3)//0.23:49:32//PHYTOPH-
 THORA INFESTANS (POTATO LATE BLIGHT FUNGUS)//Q37598
 5 F-PLACE1005477//HYPOTHETICAL PROTEIN ORF-1137//9.6e-13:115:38//MUS MUSCULUS (MOUSE)//
 P11260
 F-PLACE1005480//C-HORDEIN (CLONE PC HOR1-3) (FRAGMENT)//0.97:33:30//HORDEUM VULGARE (BAR-
 LEY)//P17991
 F-PLACE1005481//HUNCHBACK PROTEIN (FRAGMENT)//0.30:52:38//APIS MELLIFERA (HONEYBEE)//
 P31504
 10 F-PLACE1005494//TRANSIENT-RECEPTOR-POTENTIAL PROTEIN//3.9e-05:87:33//DROSOPHILA MELA-
 NOGASTER (FRUIT FLY)//P19334
 F-PLACE1005502
 F-PLACE1005526//IMMEDIATE-EARLY PROTEIN IE180//4.6e-05:132:32//PSEUDORABIES VIRUS (STRAIN
 KAPLAN) (PRV)//P33479
 15 F-PLACE1005528//!!!! ALU SUBFAMILY SX WARNING ENTRY !!!!//3.4e-09:31:74//HOMO SAPIENS (HUMAN)//
 P39195
 F-PLACE1005530//HYPOTHETICAL 47.6 KD PROTEIN C16C10.5 IN CHROMOSOME III//9.7e-50:148:58//
 CAENORHABDITIS ELEGANS//Q09251
 F-PLACE1005550//HYPOTHETICAL 40.2 KD PROTEIN K12H4.3 IN CHROMOSOME III//3.0e-21:127:37//
 20 CAENORHABDITIS ELEGANS//P34524
 F-PLACE1005554//CYTOCHROME B (EC 1.10.2.2) (FRAGMENT)//0.84:38:31//DIPODOMYS CALIFORNICUS
 (KANGAROO RAT)//P16359
 F-PLACE1005557//60S RIBOSOMAL PROTEIN L27//4.8e-09:60:48//CRYPTOCOCCUS NEOFORMANS (FILO-
 BASIDIELLA NEOFORMANS)//P46288
 25 F-PLACE1005574//ATP SYNTHASE PROTEIN 8 (EC 3.6.1.34) (A6L)//0.89:44:29//BOS TAURUS (BOVINE)//
 P03929
 F-PLACE1005584//MALE SPECIFIC SPERM PROTEIN MST87F//0.00030:33:48//DROSOPHILA MELA-
 NOGASTER (FRUIT FLY)//P08175
 F-PLACE1005595//IMMEDIATE-EARLY PROTEIN IE180//0.00048:162:30//PSEUDORABIES VIRUS (STRAIN
 30 INDIANA-FUNKHAUSER / BECKER) (PRV)//P11675
 F-PLACE1005603//HIGH-MOBILITY-GROUP PROTEIN (NONHISTONE CHROMOSOMAL PROTEIN)//
 0.00034:83:30//TETRAHYMENA PYRIFORMIS//P40625
 F-PLACE1005611//DNAJ PROTEIN//8.6e-20:108:48//CLOSTRIDIUM ACETOBUTYLICUM//P30725
 F-PLACE1005623//EXTRACELLULAR SIGNAL-REGULATED KINASE 5 (EC 2.7.1.-) (ERK5) (ERK4) (BMK1 KI-
 35 NASE)//0.80:116:31//HOMO SAPIENS (HUMAN)//Q13164
 F-PLACE1005630//INTERLEUKIN-14 PRECURSOR (IL-14) (HIGH MOLECULAR WEIGHT B-CELL GROWTH
 FACTOR) (HMW-BCGF)//0.0024:74:39//HOMO SAPIENS (HUMAN)//P40222
 F-PLACE1005639//EXTRACELLULAR MATRIX PROTEIN 1 (SECRETORY COMPONENT P85) (FRAGMENT)//
 0.72:18:61//RATTUS NORVEGICUS (RAT)//Q62894
 40 F-PLACE1005646//RNA HELICASE-LIKE PROTEIN DB10//4.8e-29:172:45//NICOTIANA SYLVESTRIS (WOOD
 TOBACCO)//P46942
 F-PLACE1005656//RIBONUCLEOSIDE-DIPHOSPHATE REDUCTASE M2 CHAIN (EC 1.17.4.1) (RIBONUCLE-
 OTIDE REDUCTASE)//3.7e-64:133:75//MESOCRICETUS AURATUS (GOLDEN HAMSTER)//Q60561
 F-PLACE1005666//CHLOROPLAST 50S RIBOSOMAL PROTEIN L28//0.57:36:41//PORPHYRA PURPUREA//
 45 P51224
 F-PLACE1005698//HYPOTHETICAL PROTEIN IN SIGD 3'REGION (ORFC) (FRAGMENT)//0.50:61:29//BACIL-
 LUS SUBTILIS//P40405
 F-PLACE1005727//ANTER-SPECIFIC PROLINE-RICH PROTEIN APG (PROTEIN CEX) (FRAGMENT)//0.46:
 27:51//BRASSICA NAPUS (RAPE)//P40603
 50 F-PLACE1005730//COLLAGEN ALPHA 1(I) CHAIN (FRAGMENT)//0.95:21:52//ORYCTOLAGUS CUNICULUS
 (RABBIT)//P02456
 F-PLACE1005739//INTERFERON-GAMMA INDUCIBLE PROTEIN MG11//3.4e-46:111:53//MUS MUSCULUS
 (MOUSE)//Q60710
 F-PLACE1005755//HYPOTHETICAL 70.2 KD PROTEIN IN GSH1-CHS6 INTERGENIC REGION//2.6e-12:66:
 51//SACCHAROMYCES CEREVISIAE (BAKER'S YEAST)//P42951
 55 F-PLACE1005763//S-ACYL FATTY ACID SYNTHASE THIOESTERASE, MEDIUM CHAIN (EC 3.1.2.14)
 (THIOESTERASE II)//1.5e-26:69:57//RATTUS NORVEGICUS (RAT)//P08635
 F-PLACE1005799//KERATIN, ULTRA HIGH-SULFUR MATRIX PROTEIN (UHS KERATIN)//0.028:96:32//HOMO

SAPIENS (HUMAN)//P26371
 F-PLACE1005802//PROTEIN PROSPERO.//0.86:64:42//DROSOPHILA MELANOGASTER (FRUIT FLY)//
 P29617
 5 F-PLACE1005803//MYELOID DIFFERENTIATION PRIMARY RESPONSE PROTEIN MYD116.//1.0:95:25//MUS
 MUSCULUS (MOUSE)//P17564
 F-PLACE1005804//PROCESSING ALPHA-1,2-MANNOSIDASE (EC 3.2.1.-) (ALPHA-1,2-MANNOSIDASE 1B)//
 2.8e-73:198:73//MUS MUSCULUS (MOUSE)//P39098
 F-PLACE1005813//HYPOTHETICAL 49.0 KD PROTEIN IN NSP1_KAR2 INTERGENIC REGION.//0.022:78:38//
 10 SACCHAROMYCES CEREVISIAE (BAKER'S YEAST)//P47057
 F-PLACE1005828//!!!! ALU SUBFAMILY SX WARNING ENTRY !!!!!//1.8e-23:56:76//HOMO SAPIENS (HUMAN)//
 P39195
 F-PLACE1005834//LATE CONTROL GENE B PROTEIN (GPB).//0.97:33:39//BACTERIOPHAGE 186.//P08711
 F-PLACE1005845
 F-PLACE1005850//!!!! ALU SUBFAMILY SQ WARNING ENTRY !!!!!//5.5e-28:96:73//HOMO SAPIENS (HUMAN)//
 15 P39194
 F-PLACE1005851
 F-PLACE1005876//CLEAVAGE AND POLYADENYLATION SPECIFICITY FACTOR, 100 KD SUBUNIT (CPSF 100
 KD SUBUNIT).//2.2e-99:155:95//BOS TAURUS (BOVINE)//Q10568
 F-PLACE1005884
 20 F-PLACE1005890//BEM46 PROTEIN (FRAGMENT).//1.8e-33:137:49//SCHIZOSACCHAROMYCES POMBE
 (FISSION YEAST)//P54069
 F-PLACE1005898//NADH-UBIQUINONE OXIDOREDUCTASE MLRQ SUBUNIT (EC 1.6.5.3) (EC 1.6.99.3)
 (COMPLEX I-MLRQ) (CI-MLRQ).//0.77:58:34//HOMO SAPIENS (HUMAN)//O00483
 F-PLACE1005921//AIG1 PROTEIN.//1.4e-23:165:38//ARABIDOPSIS THALIANA (MOUSE-EAR CRESS)//
 25 P54120
 F-PLACE1005923//HYPOTHETICAL 22.4 KD PROTEIN (ORF16).//0.90:118:28//PARAMECIUM TETRAURE-
 LIA.//P15617
 F-PLACE1005925//HYPOTHETICAL GENE 30 PROTEIN.//0.94:57:29//HERPESVIRUS SAIMIRI (STRAIN 11).//
 Q01010
 30 F-PLACE1005932//EXTENSIN PRECURSOR (CELL WALL HYDROXYPROLINE-RICH GLYCOPROTEIN)//
 0.42:128:32//NICOTIANA TABACUM (COMMON TOBACCO)//P13983
 F-PLACE1005934//DNA-DIRECTED RNA POLYMERASE II LARGEST SUBUNIT (EC 2.7.7.6)(RPB1) (FRAG-
 MENT).//0.40:76:35//CRICETULUS GRISEUS (CHINESE HAMSTER)//P11414
 F-PLACE1005936//TAT PROTEIN (TRANSACTIVATING REGULATORY PROTEIN).//0.50:15:66//HUMAN IMMU-
 35 NODEFICIENCY VIRUS TYPE 1 (CLONE 12) (HIV-1).//P04326
 F-PLACE1005951//EXTENSIN PRECURSOR (CELL WALL HYDROXYPROLINE-RICH GLYCOPROTEIN)//
 0.0025:135:32//NICOTIANA TABACUM (COMMON TOBACCO)//P13983
 F-PLACE1005953//HIGH POTENTIAL IRON-SULFUR PROTEIN (HIPIP).//0.64:57:33//RHODOFERAX FER-
 MENTANS.//P80882
 40 F-PLACE1005955//HYPOTHETICAL 54.2 KD PROTEIN IN ERP5-ORC6 INTERGENIC REGION.//1.0e-32:110:
 50//SACCHAROMYCES CEREVISIAE (BAKER'S YEAST)//P38821
 F-PLACE1005966//TACHYPLESIN II PRECURSOR.//0.97:31:35//TACHYPLEUS TRIDENTATUS (JAPANESE
 HORSESHOE CRAB)//P14214
 F-PLACE1005968//GATA FACTOR SREP.//0.17:52:40//PENICILLIUM CHRYSOGENUM.//Q92259
 45 F-PLACE1005990//CELL PATTERN FORMATION-ASSOCIATED PROTEIN.//0.36:55:36//EMERICELLA NIDU-
 LANS (ASPERGILLUS NIDULANS)//P36011
 F-PLACE1006002//!!!! ALU SUBFAMILY SC WARNING ENTRY !!!!!//1.5e-36:102:75//HOMO SAPIENS (HU-
 MAN)//P39192
 F-PLACE1006003//HYPOTHETICAL 6.8 KD PROTEIN IN COX3-NAD1 INTERGENIC REGION (ORF 61).//1.0:
 50 22:40//MARCHANTIA POLYMORPHA (LIVERWORT)//P38473
 F-PLACE1006011//POLY [ADP-RIBOSE] POLYMERASE (EC 2.4.2.30) (PARP) (ADPRT) (NAD(+)) ADP- RIBO-
 SYLTRANSFERASE) (POLY[ADP-RIBOSE] SYNTHETASE).//2.8e-21:163:36//ARABIDOPSIS THALIANA
 (MOUSE-EAR CRESS)//Q11207
 F-PLACE1006017//!!!! ALU SUBFAMILY SC WARNING ENTRY !!!!!//1.1e-10:43:67//HOMO SAPIENS (HUMAN)//
 55 P39192
 F-PLACE1006037//VITELLOGENIN I PRECURSOR (VTG I) [CONTAINS: LIPOVITELLIN 1 (LV1); PHOSVITIN
 (PV); LIPOVITELLIN 2 (LV2)]//0.00019:123:37//FUNDULUS HETEROCLITUS (KILLIFISH) (MUMMICHOG)//
 Q90508

F-PLACE1006040//CAMP-REGULATED PHOSPHOPROTEIN 19 (ARPP-19)//3.2e-40:110:76//HOMO SAPIENS (HUMAN)//P56211
 F-PLACE1006076//BOWMAN-BIRK TYPE PROTEINASE INHIBITOR A-II//0.99:30:40//ARACHIS HYPOGAEA (PEANUT)//P01066
 5 F-PLACE1006119//IMPORTIN BETA-3 SUBUNIT (KARYOPHERIN BETA-3 SUBUNIT) (RAN-BINDING PROTEIN 5)//8.8e-94:218:76//HOMO SAPIENS (HUMAN)//O00410
 F-PLACE1006129//A-AGGLUTININ ATTACHMENT SUBUNIT PRECURSOR//0.00092:228:26//SACCHAROMYCES CEREVISIAE (BAKER'S YEAST)//P32323
 F-PLACE1006139//HYPOTHETICAL 52.9 KD PROTEIN IN SAP155-YMR31 INTERGENIC REGION//5.9e-55:128:50//SACCHAROMYCES CEREVISIAE (BAKER'S YEAST)//P43616
 10 F-PLACE1006143//ALU SUBFAMILY SQ WARNING ENTRY!!!!/1.4e-25:107:63//HOMO SAPIENS (HUMAN)//P39194
 F-PLACE1006157//E-SELECTIN PRECURSOR (ENDOTHELIAL LEUKOCYTE ADHESION MOLECULE 1) (ELAM-1) (LEUKOCYTE-ENDOTHELIAL CELL ADHESION MOLECULE 2) (LECAM2) (CD62E)//1.3e-21:168:32//SUS SCROFA (PIG)//P98110
 15 F-PLACE1006159//COLD SHOCK INDUCED PROTEIN TIR1 PRECURSOR (SERINE-RICH PROTEIN 1)//0.46:98:29//SACCHAROMYCES CEREVISIAE (BAKER'S YEAST)//P10863
 F-PLACE1006164//NADH-UBIQUINONE OXIDOREDUCTASE CHAIN 4L (EC 1.6.5.3)//0.70:28:42//ARTEMIA SALINA (BRINE SHRIMP)//P19049
 20 F-PLACE1006167//GLUCOAMYLASE S1/S2 PRECURSOR (EC 3.2.1.3) (GLUCAN 1,4-ALPHA- GLUCOSIDASE) (1,4-ALPHA-D-GLUCAN GLUCOHYDROLASE)//8.9e-05:167:32//SACCHAROMYCES CEREVISIAE (BAKER'S YEAST)//P08640
 F-PLACE1006170//ALPHA-ADAPTIN C (CLATHRIN ASSEMBLY PROTEIN COMPLEX 2 ALPHA-C LARGE CHAIN) (100 KD COATED VESICLE PROTEIN C) (PLASMA MEMBRANE ADAPTOR HA2/AP2 ADAPTIN ALPHA C SUBUNIT)//1.1e-67:157:88//MUS MUSCULUS (MOUSE)//P17427
 25 F-PLACE1006187//G1/S-SPECIFIC CYCLIN E//5.6e-75:224:62//HOMO SAPIENS (HUMAN)//P24864
 F-PLACE1006195//T-RELATED PROTEIN (TRP) (BRACHYENTERON PROTEIN)//0.99:177:29//DROSOPHILA MELANOGASTER (FRUIT FLY)//P55965
 F-PLACE1006196//PUTATIVE ATP-DEPENDENT RNA HELICASE C12C2.06//2.0e-33:183:46//SCHIZOSACCHAROMYCES POMBE (FISSION YEAST)//Q09747
 30 F-PLACE1006205
 F-PLACE1006223//SPERM MITOCHONDRIAL CAPSULE SELENOPROTEIN (MCS)//0.00015:22:50//MUS MUSCULUS (MOUSE)//P15265
 F-PLACE1006225//VIRION INFECTIVITY FACTOR (SOR PROTEIN)//1.0:63:34//HUMAN IMMUNODEFICIENCY VIRUS TYPE 1 (NDK ISOLATE) (HIV-1)//P18805
 35 F-PLACE1006236
 F-PLACE1006239//60S ACIDIC RIBOSOMAL PROTEIN P2 (FRAGMENT)//0.48:23:52//ARABIDOPSIS THALIANA (MOUSE-EAR CRESS)//P51407
 F-PLACE1006246//CMP-SIALIC ACID TRANSPORTER (CMP-SIA-TR)//0.012:84:30//MUS MUSCULUS (MOUSE)//Q061420
 40 F-PLACE1006248//140 KD NUCLEOLAR PHOSPHOPROTEIN (NOPP140)//0.017:203:22//RATTUS NORVEGICUS (RAT)//P41777
 F-PLACE1006262//L-FUCULOSE PHOSPHATE ALDOLASE (EC 4.1.2.17)//0.84:25:52//HAEMOPHILUS INFLUENZAE//P44777
 45 F-PLACE1006288
 F-PLACE1006318//CYSTEINE-RICH ANTIFUNGAL PROTEIN 1 (AFP1) (M1)//1.0:29:48//SINAPIS ALBA (WHITE MUSTARD) (BRASSICA HIRTA)//P30231
 F-PLACE1006325//CYCLIN-DEPENDENT KINASE INHIBITOR 1C (CYCLIN-DEPENDENT KINASE INHIBITOR P57) (P57KIP2)//0.99:97:32//HOMO SAPIENS (HUMAN)//P49918
 50 F-PLACE1006335//PROLINE-RICH PEPTIDE P-B//0.56:19:52//HOMO SAPIENS (HUMAN)//P02814
 F-PLACE1006357
 F-PLACE1006360
 F-PLACE1006368//NUF1 PROTEIN (SPINDLE POLY BODY SPACER PROTEIN SPC110)//0.0057:122:31//SACCHAROMYCES CEREVISIAE (BAKER'S YEAST)//P32380
 55 F-PLACE1006371//ARS BINDING PROTEIN 1//0.00030:142:30//SCHIZOSACCHAROMYCES POMBE (FISSION YEAST)//P49777
 F-PLACE1006382//NEUROTOXIN V//0.85:28:39//ANDROCTONUS MAURETANICUS MAURETANICUS (SCORPION)//P01482

- F-PLACE1006385//HYPOTHETICAL 45.1 KD PROTEIN IN RPS5-ZMS1 INTERGENIC REGION//3.1e-35:165:47//SACCHAROMYCES CEREVISIAE (BAKER'S YEAST)//P47160
- F-PLACE1006412//LINE-1 REVERSE TRANSCRIPTASE HOMOLOG//4.3e-08:40:47//HOMO SAPIENS (HUMAN)//P08547
- 5 F-PLACE1006414//FORKHEAD-RELATED TRANSCRIPTION FACTOR 4 (FREAC-4)//3.8e-05:123:39//HOMO SAPIENS (HUMAN)//Q16676
- F-PLACE1006438//ZINC FINGER PROTEIN 165//2.8e-21:76:64//HOMO SAPIENS (HUMAN)//P49910
- F-PLACE1006445//SUPPRESSOR OF HAIRY WING PROTEIN//0.058:99:29//DROSOPHILA VIRILIS (FRUIT FLY)//Q08876
- 10 F-PLACE1006469//ACETYL-COENZYME A SYNTHETASE (EC 6.2.1.1) (ACETATE--COA LIGASE) (ACYL- ACTIVATING ENZYME)//1.8e-64:177:50//ESCHERICHIA COLI//P27550
- F-PLACE1006470
- F-PLACE1006482//TRANSCRIPTION FACTOR MAFF//2.0e-47:120:85//GALLUS GALLUS (CHICKEN)//Q90595
- 15 F-PLACE1006488//SIGNAL RECOGNITION PARTICLE 68 KD PROTEIN (SRP68)//1.8e-85:173:95//CANIS FAMILIARIS (DOG)//Q00004
- F-PLACE1006492//VERY HYPOTHETICAL 11.2 KD PROTEIN C56F8.13 IN CHROMOSOME I//0.75:32:56//SCHIZOSACCHAROMYCES POMBE (FISSION YEAST)//Q10261
- F-PLACE1006506
- 20 F-PLACE1006521
- F-PLACE1006531//HYPOTHETICAL 115.4 KD PROTEIN ZK757.3 IN CHROMOSOME III//1.3e-53:167:61//CAENORHABDITIS ELEGANS//P34681
- F-PLACE1006534
- F-PLACE1006540
- 25 F-PLACE1006552//MYOSIN HEAVY CHAIN, CLONE 203 (FRAGMENT)//1.3e-07:242:23//HYDRA ATTENUATA (HYDRA) (HYDRA VULGARIS)//P39922
- F-PLACE1006598//!!!! ALU SUBFAMILY SB1 WARNING ENTRY !!!!//0.17:43:51//HOMO SAPIENS (HUMAN)//P39190
- F-PLACE1006615//ACROSIN PRECURSOR (EC 3.4.21.10)//3.6e-05:66:43//ORYCTOLAGUS CUNICULUS (RABBIT)//P48038
- 30 F-PLACE1006617//HYPOTHETICAL 14.6 KD PROTEIN (READING FRAME C) (REPUCATION)//1.0:74:29//STAPHYLOCOCCUS AUREUS//P03861
- F-PLACE1006626//HYPOTHETICAL HELICASE K12H4.8 IN CHROMOSOME III//2.9e-10:73:46//CAENORHABDITIS ELEGANS//P34529
- 35 F-PLACE1006629//HYPOTHETICAL PROTEIN BB0410//1.0:23:43//BORRELIA BURGDORFERI (LYME DISEASE SPIROCHETE)//O51371
- F-PLACE1006640
- F-PLACE1006673
- F-PLACE1006678//COLLAGEN ALPHA 1(I) CHAIN (FRAGMENT)//1.0:36:41//ORYCTOLAGUS CUNICULUS (RABBIT)//P02456
- 40 F-PLACE1006704//BROAD-COMPLEX CORE-TNT1-Q1-Z1 PROTEIN (BRCORE-TNT1-Q1-Z1) [CONTAINS: BROAD-COMPLEX CORE-Q1-Z1 PROTEIN]//0.00062:157:26//DROSOPHILA MELANOGASTER (FRUIT FLY)//Q01295
- F-PLACE1006731//RIBOFLAVIN KINASE (EC 2.7.1.26) (FLAVOKINASE)/ FMN ADENYLYLTRANSFERASE (EC 2.7.7.2) (FAD PYROPHOSPHORYLASE) (FAD SYNTHETASE)//1.3e-07:127:36//CORYNEBACTERIUM AMMONIAGENES (BREVIBACTERIUM AMMONIAGENES)//Q59263
- 45 F-PLACE1006754//CARCINOEMBRYONIC ANTIGEN CGM1 PRECURSOR (CD66D ANTIGEN)//1.9e-19:78:53//HOMO SAPIENS (HUMAN)//P40198
- F-PLACE1006760//COLLAGEN ALPHA 1(III) CHAIN (FRAGMENT)//0.21:107:30//RATTUS NORVEGICUS (RAT)//P13941
- 50 F-PLACE1006779//CYTOTOXIN 5 (CTX V)//1.0:20:30//NAJA MOSSAMBICA (MOZAMBIQUE COBRA)//P25517
- F-PLACE1006782//ZINC FINGER PROTEIN 1//0.00052:178:28//CANDIDA ALBICANS (YEAST)//P28875
- F-PLACE1006792
- F-PLACE1006795//VOLTAGE-GATED POTASSIUM CHANNEL PROTEIN SHAW (SHAW2)//1:0:80:30//DROSOPHILA MELANOGASTER (FRUIT FLY)//P17972
- 55 F-PLACE1006800//HYPOTHETICAL 9.4 KD PROTEIN//0.99:62:33//VACCINIA VIRUS (STRAIN COPENHAGEN)//P20569
- F-PLACE1006805

- F-PLACE1006815//HYPOTHETICAL PROTEIN UL61.//0.038:146:32//HUMAN CYTOMEGALOVIRUS (STRAIN AD169)//P16818
- F-PLACE1006819//LINE-1 REVERSE TRANSCRIPTASE HOMOLOG.//7.3e-98:239:76//HOMO SAPIENS (HUMAN)//P08547
- 5 F-PLACE1006829//UBIQUITIN CARBOXYL-TERMINAL HYDROLASE 8 (EC 3.1.2.15) (UBIQUITIN THIOLESTERASE 8) (UBIQUITIN-SPECIFIC PROCESSING PROTEASE 8) (DEUBIQUITINATING ENZYME 8)//0.061:34:58//SACCHAROMYCES CEREVISIAE (BAKER'S YEAST)//P50102
- F-PLACE1006860
- F-PLACE1006867
- 10 F-PLACE1006878//HYPOTHETICAL 8.2 KD PROTEIN IN MOBL 3'REGION (ORF 3)//0.85:27:37//THIOBACILLUS FERROOXIDANS//P20087
- F-PLACE1006883//VITAMIN D3 RECEPTOR (VDR) (1,25-DIHYDROXYVITAMIN D3 RECEPTOR)//0.78:51:37//MUS MUSCULUS (MOUSE)//P48281
- F-PLACE1006901//HYPOTHETICAL 8.1 KD PROTEIN.//0.99:55:23//VACCINIA VIRUS (STRAIN COPENHAGEN)//P20567
- 15 F-PLACE1006904//MATING-TYPE LOCUS ALLELE B1 PROTEIN//0.95:86:26//USTILAGO MAYDIS (SMUT FUNGUS)//P22015
- F-PLACE1006917//HYPOTHETICAL 40.9 KD PROTEIN C08B11.5 IN CHROMOSOME II.//6.9e-15:101:45//CAENORHABDITIS ELEGANS//Q09442
- 20 F-PLACE1006932//HISTIDINE-RICH, METAL BINDING POLYPEPTIDE.//0.089:28:39//HELICOBACTER PYLORI (CAMPYLOBACTER PYLORI)//Q48251
- F-PLACE1006935//HYPOTHETICAL 95.2 KD PROTEIN R144.6 IN CHROMOSOME III.//0.93:35:48//CAENORHABDITIS ELEGANS//Q10000
- F-PLACE1006956//TRANSCRIPTION INITIATION FACTOR TFIID.135 KD SUBUNIT (TAFII-135) (TAFII135) (TAFII-130) (TAFII130)//0.00079:122:36//HOMO SAPIENS (HUMAN)//O00268
- 25 F-PLACE1006958//OSMOTIC STRESS PROTEIN 94 (HEAT SHOCK-70-RELATED PROTEIN APG-1)//8.8e-70:140:98//MUS MUSCULUS (MOUSE)//P48722
- F-PLACE1006961
- F-PLACE1006962//APOLIPOPROTEIN C-I PRECURSOR (APO-C1)//1.0:25:40//PAPIO HAMADRYAS (HAMADRYAS BABOON)//P34929
- 30 F-PLACE1006966//HYPOTHETICAL 49.1 KD PROTEIN IN SSB2-SPX18 INTERGENIC REGION//1.6e-47:221:45//SACCHAROMYCES CEREVISIAE (BAKER'S YEAST)//P40160
- F-PLACE1006989//HYPOTHETICAL 13.1 KD HIT-LIKE PROTEIN IN P37 5'REGION//0.15:46:32//MYCOPLASMA HYORHINIS//P32083
- 35 F-PLACE1007014//36 KD NUCLEOLAR PROTEIN HNP36 (DELAYED-EARLY RESPONSE PROTEIN 12) (DER12)//3.4e-09:120:29//HOMO SAPIENS (HUMAN)//Q14542
- F-PLACE1007021//!!!! ALU SUBFAMILY J WARNING ENTRY !!!!!//0.00046:42:59//HOMO SAPIENS (HUMAN)//P39188
- F-PLACE1007045//HYPOTHETICAL PROTEIN ORF-1137.//8.1e-14:115:35//MUS MUSCULUS (MOUSE)//P11260
- 40 F-PLACE1007053//SMALL PROLINE RICH PROTEIN II (SPR-II) (CLONE 930)//0.038:48:39//HOMO SAPIENS (HUMAN)//P22531
- F-PLACE1007068//PROTEIN-LYSINE 6-OXIDASE PRECURSOR (EC 1.4.3.13) (LYSYL OXIDASE)//0.0040:113:39//GALLUS GALLUS (CHICKEN)//Q05063
- 45 F-PLACE1007097//HYPOTHETICAL 6.8 KD PROTEIN IN HE65-PK2 INTERGENIC REGION//0.97:47:29//AUTOGRAPHAL CALIFORNICA NUCLEAR POLYHEDROSIS VIRUS (ACMNPV)//P41663
- F-PLACE1007105//HYPOTHETICAL 83.6 KD PROTEIN C15A10.10 IN CHROMOSOME L//2.9e-33:219:37//SCHIZOSACCHAROMYCES POMBE (FISSION YEAST)//O13730
- F-PLACE1007111
- 50 F-PLACE1007112//HYPOTHETICAL 9.2 KD PROTEIN.//0.47:75:28//ESCHERICHIA COLI//P03853
- F-PLACE1007132//!!!! ALU SUBFAMILY J WARNING ENTRY !!!!!//1.8e-11:56:57//HOMO SAPIENS (HUMAN)//P39188
- F-PLACE1007140//GAR2 PROTEIN//0.72:185:24//SCHIZOSACCHAROMYCES POMBE (FISSION YEAST)//P41891
- 55 F-PLACE1007178//HYPOTHETICAL 8.5 KD PROTEIN CY274.40C//0.97:79:30//MYCOBACTERIUM TUBERCULOSIS//Q10826
- F-PLACE1007226//HYPOTHETICAL 42.6 KD PROTEIN IN GSHB-ANSB INTERGENIC REGION (O378)//1.9e-15:123:32//ESCHERICHIA COLI//P52062

F-PLACE1007238//MYOSIN HEAVY CHAIN IB (MYOSIN HEAVY CHAIN IL)//5.5e-10:98:44//ACANTHAMOEBA
 CASTELLANII (AMOEBA)//P19706
 F-PLACE1007239//TRANSCRIPTION ELONGATION FACTOR S-II (TRANSCRIPTION ELONGATION FACTOR
 A)//3.9e-19:96:57//HOMO SAPIENS (HUMAN)//P23193
 5 F-PLACE1007242//GUANINE NUCLEOTIDE DISSOCIATION STIMULATOR RALGDS FORM B (RALGEF)//1.0:
 132:30//RATTUS NORVEGICUS (RAT)//Q03386
 F-PLACE1007243//HYPOTHETICAL 53.3 KD PROTEIN IN HXT8-CAN1 INTERGENIC REGION//0.041:114:29//
 SACCHAROMYCES CEREVISIAE (BAKER'S YEAST)//P39981
 10 F-PLACE1007257//DIAPHANOUS PROTEIN//1.3e-42:205:46//DROSOPHILA MELANOGASTER (FRUIT
 FLY)//P48608
 F-PLACE1007274//CADMIUM-METALLOTHIONEIN (CD-MT)//0.054:60:30//HELIX POMATIA (ROMAN SNAIL)
 (EDIBLE SNAIL)//P33187
 F-PLACE1007276//BETA-DEFENSIN 1 PRECURSOR (RHBD-1) (DEFENSIN, BETA 1)//1.0:42:28//SUS SCRO-
 FA (PIG)//O62697
 15 F-PLACE1007282//OUTER CAPSID PROTEIN VP4 (HEMAGGLUTININ) (OUTER LAYER PROTEIN VP4) [CON-
 TAINS: OUTER CAPSID PROTEINS VP5 AND VP8]//0.070:126:27//HUMAN ROTAVIRUS (SEROTYPE 4 /
 STRAIN ST. THOMAS 3)//P11200
 F-PLACE1007286
 F-PLACE1007301//HYPOTHETICAL PROTEIN KIAA0168//0.042:61:39//HOMO SAPIENS (HUMAN)//P50749
 20 F-PLACE1007317
 F-PLACE1007342//PROTEIN GRAINY-HEAD (DNA-BINDING PROTEIN ELF-1) (ELEMENT I-BINDING ACTIV-
 ITY) (TRANSCRIPTION FACTOR NTF-1)//1.7e-06:77:36//DROSOPHILA MELANOGASTER (FRUIT FLY)//
 P13002
 F-PLACE1007346//TRANSCRIPTION INTERMEDIARY FACTOR 1-BETA (KRAB-A INTERACTING PROTEIN)
 25 (KRIP-1)//0.0026:147:27//MUS MUSCULUS (MOUSE)//Q62318
 F-PLACE1007367//ALU SUBFAMILY SB WARNING ENTRY!!!!//1.3e-37:110:76//HOMO SAPIENS (HU-
 MAN)//P39189
 F-PLACE1007375//PHORBOL ESTER/DIACYLGLYCEROL-BINDING PROTEIN UNC-13//4.7e-07:71:39//
 CAENORHABDITIS ELEGANS//P27715
 30 F-PLACE1007386//HYPOTHETICAL 7.6 KD PROTEIN IN FLO1-PHO1 INTERGENIC REGION//0.74:48:29//
 SACCHAROMYCES CEREVISIAE (BAKER'S YEAST)//P39561
 F-PLACE1007402//TRANSCRIPTIONAL REGULATORY PROTEIN ENTR (ENTERICIDIN R)//0.99:63:36//CIT-
 ROBACTER FREUNDII//O69280
 F-PLACE1007409//WHITE PROTEIN//7.9e-38:179:41//DROSOPHILA MELANOGASTER (FRUIT FLY)//
 35 P10090
 F-PLACE1007416//DIPEPTIDYL PEPTIDASE IV (EC 3.4.14.5) (DPP IV) (T-CELL ACTIVATION ANTIGEN CD26)
 (TP103) (ADENOSINE DEAMINASE COMPLEXING PROTEIN-2) (ADABP)//0.031:159:23//HOMO SAPIENS
 (HUMAN)//P27487
 F-PLACE1007450//ZINC FINGER PROTEIN 39 (ZINC FINGER PROTEIN KOX27) (FRAGMENT)//0.023:36:50//
 40 HOMO SAPIENS (HUMAN)//P17038
 F-PLACE1007452//HYPOTHETICAL 22.1 KD PROTEIN IN CCP1-MET1 INTERGENIC REGION//2.2e-18:85:
 54//SACCHAROMYCES CEREVISIAE (BAKER'S YEAST)//P36149
 F-PLACE1007454//PHOTOSYSTEM II REACTION CENTRE N PROTEIN//0.66:13:53//CHLAMYDOMONAS RE-
 INHARDTII//Q06480
 45 F-PLACE1007460//ATP SYNTHASE PROTEIN 8 (EC 3.6.1.34) (A6L)//0.93:45:33//SUS SCROFA (PIG)//Q35914
 F-PLACE1007478//RETROVIRUS-RELATED POL POLYPROTEIN [CONTAINS: REVERSE TRANSCRIPTASE
 (EC 2.7.7.49); ENDONUCLEASE]//5.3e-08:50:56//MUS MUSCULUS (MOUSE)//P11369
 F-PLACE1007484//HYPOTHETICAL 6.8 KD PROTEIN IN REPLICATION ORIGIN REGION//0.87:43:37//ES-
 CHERICHIA COLI//P03849
 50 F-PLACE1007488//PUTATIVE RHO/RAC GUANINE NUCLEOTIDE EXCHANGE FACTOR (RHO/RAC GEF) (FA-
 CIOGENITAL DYSPLASIA PROTEIN)//1.2e-25:202:31//HOMO SAPIENS (HUMAN)//P98174
 F-PLACE1007507//HYPOTHETICAL 16.0 KD PROTEIN IN TAF60-G4P1 INTERGENIC REGION//0.12:128:25//
 SACCHAROMYCES CEREVISIAE (BAKER'S YEAST)//P53139
 F-PLACE1007511//KERATIN, TYPE I CYTOSKELETAL 19 (CYTOKERATIN 19) (K19) (CK 19)//2.1e-45:209:48//
 55 BOS TAURUS (BOVINE)//P08728
 F-PLACE1007524//HYPOTHETICAL 9.2 KD PROTEIN//0.74:80:30//VACCINIA VIRUS (STRAIN COPENHA-
 GEN)//P20550
 F-PLACE1007525

- F-PLACE1007537//MYOTROPHIN (V-1 PROTEIN) (GRANULE CELL DIFFERENTIATION PROTEIN) //0.045:92:30//MUS MUSCULUS (MOUSE), AND RATTUS NORVEGICUS (RAT) //P80144
- F-PLACE1007544//IMMEDIATE-EARLY PROTEIN IE180 //1.5e-07:59:50//PSEUDORABIES VIRUS (STRAIN KAPLAN) (PRV) //P33479
- 5 F-PLACE1007547//HYPOTHETICAL 97.1 KD PROTEIN R05D3.4 IN CHROMOSOME III //2.5e-16:188:34//CAENORHABDITIS ELEGANS //P34537
- F-PLACE1007557
- F-PLACE1007583//PROLINE RICH 33 KD EXTENSIN-RELATED PROTEIN PRECURSOR (FRAGMENT) //0.98:72:33//DAUCUS CAROTA (CARROT) //P06600
- 10 F-PLACE1007598//ZINC FINGER PROTEIN 92 (ZINC FINGER PROTEIN HTF12) (FRAGMENT) //1.7e-11:88:43//HOMO SAPIENS (HUMAN) //Q03936
- F-PLACE1007618//ANION EXCHANGE PROTEIN 2 (NON-ERYTHROID BAND 3-LIKE PROTEIN) (B3RP) //0.19:109:27//MUS MUSCULUS (MOUSE) //P13808
- F-PLACE1007621//PHOSPHATE REGULON SENSOR PROTEIN PHOR (EC 2.7.3.-) (FRAGMENT) //0.98:34:41//PSEUDOMONAS AERUGINOSA //P23621
- 15 F-PLACE1007632//COLLAGEN ALPHA 2(I) CHAIN (FRAGMENT) //0.70:110:34//BOS TAURUS (BOVINE) //P02465
- F-PLACE1007645//ATP SYNTHASE PROTEIN 8 (EC 3.6.1.34) (A6L) //0.99:20:45//STRUTHIO CAMELUS (OSTRICH) //O21401
- 20 F-PLACE1007649//GLUCOAMYLASE S1/S2 PRECURSOR (EC 3.2.1.3) (GLUCAN 1,4-ALPHA- GLUCOSIDASE) (1,4-ALPHA-D-GLUCAN GLUCOHYDROLASE) //8.1e-06:197:26//SACCHAROMYCES CEREVISIAE (BAKER'S YEAST) //P08640
- F-PLACE1007677//!!!! ALU SUBFAMILY SC WARNING ENTRY !!!!! //1.0:47:46//HOMO SAPIENS (HUMAN) //P39192
- 25 F-PLACE1007688//LA PROTEIN HOMOLOG (LA RIBONUCLEOPROTEIN) (LA AUTOANTIGEN HOMOLOG) //2.7e-06:116:28//AEDES ALBOPICTUS (FOREST DAY MOSQUITO) //Q26457
- F-PLACE1007690//SPERM PROTAMINE P1 //0.12:26:50//TACHYGLOSSUS ACULEATUS ACULEATUS (AUSTRALIAN ECHIDNA) //P35311
- F-PLACE1007697//SPERM PROTAMINE P1 //0.19:34:52//DIDELPHIS MARSUPIALIS VIRGINIANA (NORTH AMERICAN OPOSSUM), AND MONODELPHIS DOMESTICA (SHORT-TAILED GREY OPOSSUM) //P35305
- 30 F-PLACE1007705//BIOH PROTEIN //0.015:97:29//ESCHERICHIA COLI //P13001
- F-PLACE1007706//HYPOTHETICAL 112.2 KD PROTEIN IN TIF35-NPL3 INTERGENIC REGION (ORF1) //5.3e-55:190:56//SACCHAROMYCES CEREVISIAE (BAKER'S YEAST) //P32898
- F-PLACE1007725
- 35 F-PLACE1007729//PROTEASE (EC 3.4.23.-) //1.8e-21:136:42//MOUSE MAMMARY TUMOR VIRUS (STRAIN BR6) //P10271
- F-PLACE1007730//SALIVARY PROLINE-RICH PROTEIN II-1 (FRAGMENT) //0.0031:77:40//HOMO SAPIENS (HUMAN) //P81489
- F-PLACE1007737//!!!! ALU SUBFAMILY SX WARNING ENTRY !!!!! //0.78:39:56//HOMO SAPIENS (HUMAN) //P39195
- 40 F-PLACE1007743
- F-PLACE1007746//RRP5 PROTEIN HOMOLOG (KIAA0185) (FRAGMENT) //0.0066:168:25//HOMO SAPIENS (HUMAN) //Q14690
- F-PLACE1007791//KRUEPPEL PROTEIN (FRAGMENT) //0.62:17:41//LITHOBIUS FORFICATUS //Q01872
- 45 F-PLACE1007807//HYPOTHETICAL 6.4 KD PROTEIN IN BLTR-SPOIIC INTERGENIC REGION //1.0:40:30//BACILLUS SUBTILIS //P54446
- F-PLACE1007810//ANTHOPEURIN A (TOXIN AP-A) //0.79:28:46//ANTHOPEURA XANTHOGRAMMICA (GIANT GREEN SEA ANEMONE) //P01530
- F-PLACE1007829//SPORE COAT PROTEIN G //1.0:65:38//BACILLUS SUBTILIS //P39801
- 50 F-PLACE1007843
- F-PLACE1007846//LINE-1 REVERSE TRANSCRIPTASE HOMOLOG //1.5e-32:37:94//HOMO SAPIENS (HUMAN) //P08547
- F-PLACE1007852//RHO-RELATED GTP-BINDING PROTEIN RHOH (GTP-BINDING PROTEIN TTF) //8.7e-05:138:30//HOMO SAPIENS (HUMAN) //Q15669
- 55 F-PLACE1007858//ANAPHASE SPINDLE ELONGATION PROTEIN //0.0039:127:25//SACCHAROMYCES CEREVISIAE (BAKER'S YEAST) //P50275
- F-PLACE1007866
- F-PLACE1007877

- F-PLACE1007897//CD44 ANTIGEN PRECURSOR (PHAGOCYTTIC GLYCOPROTEIN I) (PGP-1) (HUTCH-I) (EX-
TRACELLULAR MATRIX RECEPTOR-III) (ECMR-III) (GP90 LYMPHOCYTE HOMING/ADHESION RECEPTOR)
(HERMES ANTIGEN) (HYALURONATE RECEPTOR) (HEPARAN SULFATE PROTEOGLYCAN) (HAM1 ANTI-
GEN)//0.44:128:28//MESOCRICETUS AURATUS (GOLDEN HAMSTER)//Q60522
- 5 F-PLACE1007908//!!!! ALU SUBFAMILY SC WARNING ENTRY !!!!!//5.5e-28:61:65//HOMO SAPIENS (HUMAN)//
P39192
- F-PLACE1007946//HYPOTHETICAL MERCURIC RESISTANCE PROTEIN MERC//0.84:48:37//PSEU-
DOMONAS AERUGINOSA//P04139
- 10 F-PLACE1007954//HYPOTHETICAL 45.5 KD PROTEIN IN FIG1-GIP1 INTERGENIC REGION//0.00070:96:29//
SACCHAROMYCES CEREVISIAE (BAKER'S YEAST)//P38226
- F-PLACE1007955//HYPOTHETICAL 84.3 KD PROTEIN ZK945.10 IN CHROMOSOME II//0.00027:255:23//
CAENORHABDITIS ELEGANS//Q09625
- F-PLACE1007958//HIGH-AFFINITY CAMP-SPECIFIC 3',5'-CYCLIC PHOSPHODIESTERASE (EC 3.1.4.17)//
1.7e-09:127:30//MUS MUSCULUS (MOUSE)//P70453
- 15 F-PLACE1007969//HYPOTHETICAL 24.1 KD PROTEIN IN LEF4-P33 INTERGENIC REGION//2.4e-05:104:37//
AUTOGRAPHAL CALIFORNICA NUCLEAR POLYHEDROSIS VIRUS (ACMPNV)//P41479
- F-PLACE1007990//SPERM PROTAMINE P1//0.78:36:47//ORNITHORHYNCHUS ANATINUS (DUCKBILL PLAT-
YPUS)//P35307
- 20 F-PLACE1008000//CHANNEL ASSOCIATED PROTEIN OF SYNAPSE-110 (CHAPSIN-110) (SYNAPTIC DEN-
SITY PROTEIN PSD-93)//1.2e-16:128:39//RATTUS NORVEGICUS (RAT)//Q63622
- F-PLACE1008002
- F-PLACE1008044//NUCLEAR PORE COMPLEX PROTEIN NUP107 (NUCLEOPORIN NUP107) (107 KD NU-
CLEOPORIN) (P105)//3.9e-106:208:93//RATTUS NORVEGICUS (RAT)//P52590
- F-PLACE1008045//COLLAGEN ALPHA 1(XII) CHAIN (FRAGMENTS)//3.9e-09:49:53//BOS TAURUS (BO-
VINE)//P25508
- 25 F-PLACE1008080//RNA REPLICASE POLYPROTEIN (EC 2.7.7.48)//0.00025:100:27//EGGPLANT MOSAIC VI-
RUS//P20126
- F-PLACE1008095//PROTOPORPHYRINOGEN OXIDASE (EC 1.3.3.4) (PPO)//0.90:74:25//MYCOBACTERIUM
TUBERCULOSIS//O53230
- 30 F-PLACE1008111//HYPOTHETICAL PROTEIN MJCS12//0.30:38:42//METHANOCOCCUS JANNASCHII//
Q60311
- F-PLACE1008122//PEA2 PROTEIN (PPF2 PROTEIN)//0.0085:117:34//SACCHAROMYCES CEREVISIAE
(BAKER'S YEAST)//P40091
- F-PLACE1008129//PROCOLLAGEN ALPHA 2(I) CHAIN PRECURSOR (FRAGMENTS)//1.8e-06:154:36//GAL-
LUS GALLUS (CHICKEN)//P02467
- 35 F-PLACE1008132//HYPOTHETICAL 127.4 KD PROTEIN F07F6.4 IN CHROMOSOME III//1.4e-13:227:36//
CAENORHABDITIS ELEGANS//Q09531
- F-PLACE1008177//TRICHOHYALIN//2.7e-10:230:26//OVIS ARIES (SHEEP)//P22793
- F-PLACE1008181
- 40 F-PLACE1008198//SKIN SECRETORY PROTEIN XP2 PRECURSOR (APEG PROTEIN)//0.00044:121:34//
XENOPUS LAEVIS (AFRICAN CLAWED FROG)//P17437
- F-PLACE1008201//ZINC FINGER PROTEIN ZFMSA12A//3.0e-05:82:37//MICROPTERUS SALMOIDES
(LARGEMOUTH BASS)//P38621
- F-PLACE1008209//METALLOTHIONEIN-I (MT-I)//0.95:39:35//CERCOPITHECUS AETHIOPS (GREEN MON-
KEY) (GRIVET)//P02797
- 45 F-PLACE1008231//PROCYCLIC FORM SPECIFIC POLYPEPTIDE B1-ALPHA PRECURSOR (PROCYCLIN)
(PARP)//0.028:23:52//TRYPANOSOMA BRUCEI BRUCEI//P08469
- F-PLACE1008244//VEGETABLE INCOMPATIBILITY PROTEIN HET-E-1//2.2e-23:148:38//PODOSPORA AN-
SERINA//Q00808
- 50 F-PLACE1008273//COATOMER GAMMA SUBUNIT (GAMMA-COAT PROTEIN) (GAMMA-COP)//1.1e-97:222:
81//BOS TAURUS (BOVINE)//P53620
- F-PLACE1008275//DNA REPAIR PROTEIN REV1 (EC 2.7.7.-)//5.8e-20:161:37//SACCHAROMYCES CEREVI-
SIAE (BAKER'S YEAST)//P12689
- F-PLACE1008280//LINE-1 REVERSE TRANSCRIPTASE HOMOLOG//6.1e-23:124:42//HOMO SAPIENS (HU-
MAN)//P08547
- 55 F-PLACE1008309//HYPOTHETICAL 98.3 KD PROTEIN C9G1.06C IN CHROMOSOME I//0.47:99:37//
SCHIZOSACCHAROMYCES POMBE (FISSION YEAST)//O14302
- F-PLACE1008329//PUTATIVE Z PROTEIN//0.73:52:28//OVIS ARIES (SHEEP)//P08105

F-PLACE1008330//!!!! ALU SUBFAMILY SQ WARNING ENTRY !!!!!/9.0e-37:75:81//HOMO SAPIENS (HUMAN)//
 P39194
 F-PLACE1008331//!!!! ALU SUBFAMILY J WARNING ENTRY !!!!!/4.1e-08:70:50//HOMO SAPIENS (HUMAN)//
 P39188
 5 F-PLACE1008356//FRUIT PROTEIN PKIWI501//0.0037:148:29//ACTINIDIA CHINENSIS (KIWI) (YANGTAO)//
 P43393
 F-PLACE1008368//RING CANAL PROTEIN (KELCH PROTEIN)//3.5e-18:205:30//DROSOPHILA MELA-
 NOGASTER (FRUIT FLY)//Q04652
 F-PLACE1008369
 10 F-PLACE1008392
 F-PLACE1008398//GENE 33 POLYPEPTIDE//1.5e-102:225:84//RATTUS NORVEGICUS (RAT)//P05432
 F-PLACE1008401//PROLINE-RICH PROTEIN MP-3 (FRAGMENT)//2.9e-08:186:34//MUS MUSCULUS
 (MOUSE)//P05143
 F-PLACE1008402//GENERAL VESICULAR TRANSPORT FACTOR P115 (TRANSCYTOSIS ASSOCIATED
 15 PROTEIN) (TAP)//9.4e-105:207:98//BOS TAURUS (BOVINE)//P41541
 F-PLACE1008405
 F-PLACE1008424//PROTEIN UL56//1.0:65:33//HERPES SIMPLEX VIRUS (TYPE 1 / STRAIN HFEM)//P36297
 F-PLACE1008426//MYOSIN HEAVY CHAIN, NON-MUSCLE (ZIPPER PROTEIN) (MYOSIN II)//4.4e-05:185:28//
 DROSOPHILA MELANOGASTER (FRUIT FLY)//Q99323
 20 F-PLACE1008429//NEURONAL AXONAL MEMBRANE PROTEIN NAP-22//0.00054:172:25//RATTUS NOR-
 VEGICUS (RAT)//Q05175
 F-PLACE1008437//HYPOTHETICAL 115.4 KD PROTEIN ZK757.3 IN CHROMOSOME III//1.9e-23:226:34//
 CAENORHABDITIS ELEGANS//P34681
 F-PLACE1008455//DNA-BINDING PROTEIN (AGNOPROTEIN)//0.97:23:52//BUDGERIGAR FLEDGLING DIS-
 25 EASE VIRUS (BFDV)//P13893
 F-PLACE1008457//!!!! ALU SUBFAMILY J WARNING ENTRY !!!!!/2.1e-12:89:47//HOMO SAPIENS (HUMAN)//
 P39188
 F-PLACE1008465//ZINC FINGER PROTEIN 31 (ZINC FINGER PROTEIN KOX29) (FRAGMENT)//0.00017:23:
 43//HOMO SAPIENS (HUMAN)//P17040
 30 F-PLACE1008488//HYPOTHETICAL PROTEIN UL61//9.1e-05:204:30//HUMAN CYTOMEGALOVIRUS
 (STRAIN AD169)//P16818
 F-PLACE1008524//HOMEBOX PROTEIN HLX1 (HOMEBOX PROTEIN HB24)//0.95:74:36//HOMO SAPIENS
 (HUMAN)//Q14774
 F-PLACE1008531//!!!! ALU SUBFAMILY SC WARNING ENTRY !!!!!/3.1e-05:86:45//HOMO SAPIENS (HUMAN)//
 35 P39192
 F-PLACE1008532//HYPOTHETICAL 36.4 KD PROTEIN IN SMP1-MBA1 INTERGENIC REGION//3.9e-21:62:
 45//SACCHAROMYCES CEREVISIAE (BAKER'S YEAST)//P38298
 F-PLACE1008533//HYPOTHETICAL 86.2 KD PROTEIN C4G8.04 IN CHROMOSOME I//3.5e-06:118:29//
 SCHIZOSACCHAROMYCES POMBE (FISSION YEAST)//Q09830
 40 F-PLACE1008568//NEURONATIN//0.046:34:52//HOMO SAPIENS (HUMAN)//Q16517
 F-PLACE1008584//HUNCHBACK PROTEIN (FRAGMENT)//0.94:30:43//LITHOBIUS FORFICATUS//Q02030
 F-PLACE1008603//NUCLEAR PORE COMPLEX PROTEIN NUP155 (NUCLEOPORIN NUP155) (155 KD NU-
 CLEOPORIN) (P140)//3.9e-123:224:96//RATTUS NORVEGICUS (RAT)//P37199
 F-PLACE1008621//B-CELL GROWTH FACTOR PRECURSOR (BCGF-12 KD)//5.0e-05:31:67//HOMO SAPIENS
 45 (HUMAN)//P20931
 F-PLACE1008625//DISAGREGIN (PLATELET AGGREGATION, ACTIVATION INHIBITOR)//0.87:17:52//ORNI-
 THODOROS MOUBATA (SOFT TICK)//P36235
 F-PLACE1008626//METALLOTHIONEIN-I (MT-I)//0.77:33:36//SCYLLA SERRATA (MUD CRAB)//P02805
 F-PLACE1008627//METALLOTHIONEIN-III (MT-III) (GROWTH INHIBITORY FACTOR) (GIF) (GIFB)//0.14:44:
 50 31//HOMO SAPIENS (HUMAN)//P25713
 F-PLACE1008629
 F-PLACE1008630//PROTAMINE Z3 (SCYLLIORHININE Z3)//0.78:33:36//SCYLLIORHINUS CANICULA (SPOT-
 TED DOGFISH) (SPOTTED CATSHARK)//P30258
 F-PLACE1008643//INTER-ALPHA-TRYPSIN INHIBITOR HEAVY CHAIN H4 PRECURSOR (ITI HEAVY CHAIN
 55 H4) (INTER-ALPHA-TRYPSIN INHIBITOR FAMILY HEAVY CHAIN-RELATED PROTEIN) (PLASMA KALLIKREIN
 SENSITIVE GLYCOPROTEIN 120) (PK-120)//1.7e-30:220:41//HOMO SAPIENS (HUMAN)//Q14624
 F-PLACE1008650//PP1/PP2A PHOSPHATASES PLEIOTROPIC REGULATOR PRL1//2.5e-10:106:31//ARABI-
 DOPSIS THALIANA (MOUSE-EAR CRESS)//Q42384

F-PLACE1008693//BOWMAN-BIRK TYPE PROTEINASE INHIBITOR (MSTI)//1.0:36:38//MEDICAGO SCUTEL-
 LATA (SNAIL MEDIC)//P80321
 F-PLACE1008696//NADH-UBIQUINONE OXIDOREDUCTASE 23 KD SUBUNIT PRECURSOR (EC 1.6.5.3) (EC
 1.6.99.3) (COMPLEX I-23KD) (CI-23KD) (TYKY SUBUNIT)//4.8e-14:47:80//HOMO SAPIENS (HUMAN)//
 5 O00217
 F-PLACE1008715//HYPOTHETICAL 13.4 KD PROTEIN IN ACT5-YCK1 INTERGENIC REGION//0.66:105:24//
 SACCHAROMYCES CEREVISIAE (BAKER'S YEAST)//P38834
 F-PLACE1008748//HYPOTHETICAL 57.5 KD PROTEIN IN VMA7-RPS25A INTERGENIC REGION//0.10:178:
 26//SACCHAROMYCES CEREVISIAE (BAKER'S YEAST)//P53214
 10 F-PLACE1008757//HYPOTHETICAL 10.1 KD PROTEIN IN RHSD-GCL INTERGENIC REGION (ORFD3)//0.60:
 44:34//ESCHERICHIA COLI//P33669
 F-PLACE1008790//IMPORTIN ALPHA-6 SUBUNIT (KARYOPHERIN ALPHA-6 SUBUNIT) (IMPORTIN ALPHA
 S2)//3.0e-69:191:80//MUS MUSCULUS (MOUSE)//O35345
 F-PLACE1008798//BACTERIOCIN LACTOBIN A//1.0:34:41//LACTOBACILLUS AMYLOVORUS //P80696
 15 F-PLACE1008807//LINE-1 REVERSE TRANSCRIPTASE HOMOLOG//0.91:77:36//HOMO SAPIENS (HU-
 MAN)//P08547
 F-PLACE1008808//REC1 PROTEIN//0.45:39:30//USTILAGO MAYDIS (SMUT FUNGUS)//P14746
 F-PLACE1008813
 F-PLACE1008851//VERY HYPOTHETICAL 11.8 KD PROTEIN IN KTR3-DUR1,2 INTERGENIC REGION//1.0:
 20 62:30//SACCHAROMYCES CEREVISIAE (BAKER'S YEAST)//P38309
 F-PLACE1008854//HYPOTHETICAL 182.0 KD PROTEIN IN,NMD5-HOM6 INTERGENIC REGION//1.0:82:26//
 SACCHAROMYCES CEREVISIAE (BAKER'S YEAST)//P47170
 F-PLACE1008867//PATATIN T5 PRECURSOR (POTATO TUBER PROTEIN)//0.65:61:36//SOLANUM TUBERO-
 SUM (POTATO)//P15478
 25 F-PLACE1008887//LINE-1 REVERSE TRANSCRIPTASE HOMOLOG//1.5e-56:180:54//NYCTICEBUS COU-
 CANG (SLOW LORIS)//P08548
 F-PLACE1008902
 F-PLACE1008920
 F-PLACE1008925//HYPOTHETICAL 41.2 KD PROTEIN IN GAPA-RND INTERGENIC REGION//0.90:77:33//ES-
 30 CHERICHIA COLI//P76242
 F-PLACE1008934//HYPOTHETICAL PROTEIN IN ADHS 5'REGION (ORF3) (FRAGMENT)//0.14:77:45//GLU-
 CONOBACTER SUBOXIDANS//O05543
 F-PLACE1008941//ZINC FINGER PROTEIN 141//1.1e-17:45:95//HOMO SAPIENS (HUMAN)//Q15928
 F-PLACE1008947//MAJOR CENTROMERE AUTOANTIGEN B (CENTROMERE PROTEIN B) (CENP-B)//4.1e-
 35 14:136:39//MUS MUSCULUS (MOUSE)//P27790
 F-PLACE1009020//ANNEXIN VII (SYNEXIN) (FRAGMENT)//0.74:37:48//BOS TAURUS (BOVINE)//P20072
 F-PLACE1009027//NADH-UBIQUINONE OXIDOREDUCTASE CHAIN 4L (EC 1.6.5.3)//0.39:57:36//BALAENOP-
 TERA MUSCULUS (BLUE WHALE)//P41301
 F-PLACE1009039
 40 F-PLACE1009045//HYPOTHETICAL 9.5 KD PROTEIN IN SPEA-METK INTERGENIC REGION (F83)//0.48:32:
 43//ESCHERICHIA COLI//P46879
 F-PLACE1009048
 F-PLACE1009050
 F-PLACE1009060//HYPOTHETICAL 98.3 KD PROTEIN R10E12.1 IN CHROMOSOME III//4.9e-23:244:31//
 45 CAENORHABDITIS ELEGANS//P34552
 F-PLACE1009090//50S RIBOSOMAL PROTEIN L35//1.0:27:51//MYCOPLASMA GENITALIUM//P47439
 F-PLACE1009091
 F-PLACE1009094//NEL-LIKE PROTEIN (FRAGMENT)//3.6e-15:180:30//HOMO SAPIENS (HUMAN)//Q92832
 F-PLACE1009099//ZINC FINGER PROTEIN 27 (ZFP-27) (MKR4 PROTEIN) (FRAGMENT)//1.4e-94:228:71//
 50 MUS MUSCULUS (MOUSE)//P10077
 F-PLACE1009110//HIRUDIN HV1 (BUFRUDIN)//1.0:49:34//HIRUDINARIA MANILLENSIS (BUFFALO LEECH)//
 P81492
 F-PLACE1009111//!!!! ALU SUBFAMILY SX WARNING ENTRY !!!!!//1.4e-05:30:83//HOMO SAPIENS (HUMAN)//
 P39195
 55 F-PLACE1009113//ANNEXIN VII (SYNEXIN) (FRAGMENT)//0.032:40:52//BOS TAURUS (BOVINE)//P20072
 F-PLACE1009130//HYPOTHETICAL PROTEIN KIAA0032//3.3e-37:214:38//HOMO SAPIENS (HUMAN)//
 Q15034
 F-PLACE1009150//!!!! ALU SUBFAMILY SX WARNING ENTRY !!!!!//1.6e-32:56:76//HOMO SAPIENS (HUMAN)//

P39195
 F-PLACE1009155//!!!! ALU SUBFAMILY SQ WARNING ENTRY !!!!!/1.2e-17:101:57//HOMO SAPIENS (HUMAN)//P39194
 5 F-PLACE1009158//HYPOTHETICAL PROTEIN HKRFX (J11)//0.0058:73:42//HUMAN CYTOMEGALOVIRUS (STRAIN AD169)//P09711
 F-PLACE1009166//CYTOSOLIC PURINE 5'-NUCLEOTIDASE (EC 3.1.3.5)//0.0086:96:30//HOMO SAPIENS (HUMAN)//P49902
 F-PLACE1009172//HYPOTHETICAL 8.7 KD PROTEIN IN GAPA-RND INTERGENIC REGION//1.0:19:52//ESCHERICHIA COLI//P76246
 10 F-PLACE1009174//!!!! ALU SUBFAMILY SQ WARNING ENTRY !!!!!/3.1e-17:47:82//HOMO SAPIENS (HUMAN)//P39194
 F-PLACE1009183
 F-PLACE1009186//HYPOTHETICAL 11.4 KD PROTEIN C13G6.04 IN CHROMOSOME I//0.019:62:24//SCHIZOSACCHAROMYCES POMBE (FISSION YEAST)//Q09783
 15 F-PLACE1009190//PALMITOYL-COA HYDROLASE (EC 3.1.2.2) (LONG-CHAIN FATTY-ACYL-COA HYDROLASE) (FRAGMENT)//0.027:53:28//RATTUS NORVEGICUS (RAT)//P80250
 F-PLACE1009200//!!!! ALU SUBFAMILY SQ WARNING ENTRY !!!!!/5.4e-28:84:71//HOMO SAPIENS (HUMAN)//P39194
 F-PLACE1009230//!!!! ALU SUBFAMILY SB WARNING ENTRY !!!!!/2.8e-12:50:74//HOMO SAPIENS (HUMAN)//P39189
 20 F-PLACE1009246//UBIQUINOL-CYTOCHROME C REDUCTASE COMPLEX 7.8 KD PROTEIN (EC 1.10.2.2) (MITOCHONDRIAL HINGE PROTEIN) (CR7)//1.0:17:52//SOLANUM TUBEROSUM (POTATO)//P48504
 F-PLACE1009298//VACUOLAR PROTEIN SORTING-ASSOCIATED PROTEIN VPS35//6.6e-41:177:53//SACCHAROMYCES CEREVISIAE (BAKER'S YEAST)//P34110
 25 F-PLACE1009308//KERATIN, ULTRA HIGH-SULFUR MATRIX PROTEIN (UHS KERATIN)//0.00034:108:33//HOMO SAPIENS (HUMAN)//P26371
 F-PLACE1009319//PRESYNAPTIC DENSITY PROTEIN 95 (PSD-95)//5.3e-16:84:50//HOMO SAPIENS (HUMAN)//P78352
 F-PLACE1009328//LINE-1 REVERSE TRANSCRIPTASE HOMOLOG//6.9e-82:263:67//HOMO SAPIENS (HUMAN)//P08547
 30 F-PLACE1009335//60S RIBOSOMAL PROTEIN L32//0.95:71:36//HOMO SAPIENS (HUMAN), MUS MUSCULUS (MOUSE), AND RATTUS NORVEGICUS (RAT)//P02433
 F-PLACE1009338//TRANSCRIPTION FACTOR HES-5 (HAIRY AND ENHANCER OF SPLIT 5)//0.90:42:40//MUS MUSCULUS (MOUSE)//P70120
 35 F-PLACE1009368//BASIC PROLINE-RICH PEPTIDE IB-1//0.013:33:48//HOMO SAPIENS (HUMAN)//P04281
 F-PLACE1009375//HYPOTHETICAL 88.1 KD PROTEIN K02D10.1 IN CHROMOSOME III//0.0022:135:21//CAENORHABDITIS ELEGANS//P34492
 F-PLACE1009388//!!!! ALU SUBFAMILY SX WARNING ENTRY !!!!!/4.8e-22:73:65//HOMO SAPIENS (HUMAN)//P39195
 40 F-PLACE1009398//ZINC FINGER PROTEIN 84 (ZINC FINGER PROTEIN HPF2)//8.1e-83:223:65//HOMO SAPIENS (HUMAN)//P51523
 F-PLACE1009404//GLUTENIN, HIGH MOLECULAR WEIGHT SUBUNIT PW212 PRECURSOR//0.047:145:29//TRITICUM AESTIVUM (WHEAT)//P08489
 F-PLACE1009410//TOXIN C13S1C1 PRECURSOR//0.22:21:47//DENDROASPIS ANGUSTICEPS (EASTERN GREEN MAMBA)//P18329
 45 F-PLACE1009434//NADH-UBIQUINONE OXIDOREDUCTASE SUBUNIT K (EC 1.6.5.3) (FRAGMENT)//0.81:61:29//ANTHOCEROS FORMOSAE//Q31791
 F-PLACE1009443//SPLICEOSOME ASSOCIATED PROTEIN 62 (SAP 62) (SF3A66)//9.1e-05:93:32//MUS MUSCULUS (MOUSE)//Q62203
 50 F-PLACE1009444//PHOSPHATIDYLINOSITOL 4-KINASE ALPHA (EC 2.7.1.67) (PI4-KINASE) (PTDINS-4-KINASE) (PI4K-ALPHA)//6.4e-15:41:97//HOMO SAPIENS (HUMAN)//P42356
 F-PLACE1009459//HYPOTHETICAL 42.3 KD PROTEIN C12G12.11C IN CHROMOSOME I//0.0011:119:31//SCHIZOSACCHAROMYCES POMBE (FISSION YEAST)//Q09874
 F-PLACE1009468//PHOSPHOLIPASE A-2-ACTIVATING PROTEIN (PLAP)//4.2e-34:101:75//RATTUS NORVEGICUS (RAT)//P54319
 55 F-PLACE1009476//DNA-BINDING P52/P100 COMPLEX, 100 KD SUBUNIT (FRAGMENTS)//0.086:21:52//HOMO SAPIENS (HUMAN)//P30808
 F-PLACE1009477

F-PLACE1009493//HYPOTHETICAL 127.3 KD PROTEIN B0416.1 IN CHROMOSOME X.//1.4e-18:138:39//
 CAENORHABDITIS ELEGANS.//Q11069
 F-PLACE1009524//ARF NUCLEOTIDE-BINDING SITE OPENER (ARNO PROTEIN) (ARF EXCHANGE FAC-
 TOR).//9.4e-80:155:85//HOMO SAPIENS (HUMAN).//Q99418
 5 F-PLACE1009539//GTP-BINDING NUCLEAR PROTEIN RAN/TC4.//1.0:76:26//GIARDIA LAMBLIA (GIARDIA IN-
 TESTINALIS).//P38543
 F-PLACE1009542//!!!! ALU SUBFAMILY J WARNING ENTRY !!!!!//0.00016:31:77//HOMO SAPIENS (HUMAN).//
 P39188
 F-PLACE1009571//ATP SYNTHASE B CHAIN (EC 3.6.1.34) (SUBUNIT I).//0.88:116:29//STREPTOCOCCUS
 10 PNEUMONIAE.//Q59952
 F-PLACE1009581//50S RIBOSOMAL PROTEIN L32.//0.00023:37:51//RHODOBACTER CAPSULATUS (RHO-
 DOPSEUDOMONAS CAPSULATA).//P30788
 F-PLACE1009595
 F-PLACE1009596//HYPOTHETICAL 40.4 KD TRP-ASP REPEATS CONTAINING PROTEIN C14B1.4 IN CHRO-
 15 MOSOME III.//2.1e-36:116:49//CAENORHABDITIS ELEGANS.//Q17963
 F-PLACE1009607//!!!! ALU SUBFAMILY J WARNING ENTRY !!!!!//1.8e-43:73:69//HOMO SAPIENS (HUMAN).//
 P39188
 F-PLACE1009613
 F-PLACE1009621//TRANSCRIPTION FACTOR BTF3 HOMOLOG 2.//0.91:29:44//HOMO SAPIENS (HUMAN).//
 20 Q13891
 F-PLACE1009622//MATERNAL EFFECT PROTEIN STAUFEN.//1.3e-22:132:47//DROSOPHILA MELA-
 NOGASTER (FRUIT FLY).//P25159
 F-PLACE1009637//HYPOTHETICAL 18.1 KD PROTEIN IN CFXA 3' REGION.//0.30:28:57//BACTEROIDES VUL-
 GATUS.//P30905
 25 F-PLACE1009639//LIPASE MODULATOR PRECURSOR (LIPASE HELPER PROTEIN).//0.23:79:31//PSEU-
 DOMONAS AERUGINOSA.//Q04591
 F-PLACE1009659//MEMBRANE-ASSOCIATED PROTEIN HEM-2 (BRAIN PROTEIN H19) (MH19) (FRAG-
 MENT).//3.9e-126:227:96//MUS MUSCULUS (MOUSE).//P28660
 F-PLACE1009665//IG KAPPA CHAIN V-I REGION (HAU).//0.52:89:35//HOMO SAPIENS (HUMAN).//P01600
 30 F-PLACE1009670//CYCLOMALTODEXTRIN GLUCANOTRANSFERASE PRECURSOR (EC 2.4.1.19) (CYCLO-
 DEXTRIN-GLYCOSYLTRANSFERASE) (CGTASE).//0.16:114:29//PAENIBACILLUS MACERANS (BACILLUS
 MACERANS).//P31835
 F-PLACE1009708//HYPOTHETICAL 143.3 KD TRP-ASP REPEATS CONTAINING PROTEIN C12G12.13C IN
 CHROMOSOME I.//9.6e-19:156:36//SCHIZOSACCHAROMYCES POMBE (FISSION YEAST).//Q09876
 35 F-PLACE1009721//MSF1 PROTEIN.//7.7e-23:176:33//SACCHAROMYCES CEREVISIAE (BAKER'S YEAST).//
 P35200
 F-PLACE1009731//AIG1 PROTEIN.//1.1e-09:91:43//ARABIDOPSIS THALIANA (MOUSE-EAR CRESS).//
 P54120
 F-PLACE1009763//HYPOTHETICAL 48.9 KD PROTEIN C24H6.12C IN CHROMOSOME I.//8.3e-42:171:51//
 40 SCHIZOSACCHAROMYCES POMBE (FISSION YEAST).//Q09765
 F-PLACE1009794//C-HORDEIN (CLONE PC HOR1-3) (FRAGMENT).//0.99:36:33//HORDEUM VULGARE (BAR-
 LEY).//P17991
 F-PLACE1009798//HYPOTHETICAL PROTEIN C22F3.14C IN CHROMOSOME I (FRAGMENT).//2.6e-34:191:
 38//SCHIZOSACCHAROMYCES POMBE (FISSION YEAST).//Q09779
 45 F-PLACE1009845//WEB1 PROTEIN (PROTEIN TRANSPORT PROTEIN SEC31).//2.2e-19:190:33//SACCHA-
 ROMYCES CEREVISIAE (BAKER'S YEAST).//P38968
 F-PLACE1009861//CATHEPSIN B PRECURSOR (EC 3.4.22.1).//4.4e-20:171:33//BOS TAURUS (BOVINE).//
 P07688
 F-PLACE1009879//HYPOTHETICAL 8.7 KD PROTEIN IN RPL22-RPL23 INTERGENIC REGION (ORF70).//0.99:
 50 30:33//ASTASIA LONGA (EUGLENOPHYCEAN ALGA).//P34779
 F-PLACE1009886
 F-PLACE1009888//NONSTRUCTURAL POLYPROTEIN [CONTAINS: NONSTRUCTURAL PROTEIN NSP4]
 (FRAGMENT).//1.0:33:42//WESTERN EQUINE ENCEPHALITIS VIRUS.//P13896
 F-PLACE1009908//HYPOTHETICAL GTP-BINDING PROTEIN C3F10.16C IN CHROMOSOME I.//3.1e-42:205:
 55 46//SCHIZOSACCHAROMYCES POMBE (FISSION YEAST).//Q10190
 F-PLACE1009921
 F-PLACE1009924//ATP SYNTHASE A CHAIN (EC 3.6.1.34) (PROTEIN 6).//0.70:128:29//TRYPANOSOMA BRU-
 CEI BRUCEI.//P24499

- F-PLACE1009925//ATP SYNTHASE D CHAIN, MITOCHONDRIAL (EC 3.6.1.34)//0.99:111:27//SACCHAROMYCES CEREVISIAE (BAKER'S YEAST)//P30902
- F-PLACE1009935//HYPOTHETICAL PROTEIN MJ0258//0.063:75:32//METHANOCOCCUS JANNASCHII//Q57706
- 5 F-PLACE1009947//NEUROGRANIN (NG) (P17) (B-50 IMMUNOREACTIVE C-KINASE SUBSTRATE) (BICKS) (FRAGMENT)//0.33:51:45//BOS TAURUS (BOVINE)//P35722
- F-PLACE1009971//MIPP PROTEIN (MURINE IAP-PROMOTED PLACENTA-EXPRESSED PROTEIN)//0.022:84:27//MUS MUSCULUS (MOUSE)//P28575
- 10 F-PLACE1009992//BONE MORPHOGENETIC PROTEIN 1 PRECURSOR (EC 3.4.24.-) (BMP-1)//0.00011:35:51//HOMO SAPIENS (HUMAN)//P13497
- F-PLACE1009995//TROPOMYOSIN, SMOOTH MUSCLE/FIBROBLAST CTM1//0.052:185:22//CIONA INTESTINALIS//Q07068
- F-PLACE1009997//TRANSCRIPTION ELONGATION FACTOR S-II (RNA POLYMERASE II ELONGATION FACTOR DMS-II) (TFIIS)//0.68:98:28//DROSOPHILA MELANOGASTER (FRUIT FLY)//P20232
- 15 F-PLACE1010023//HYPOTHETICAL 83.8 KD PROTEIN C27F2.7 IN CHROMOSOME III//6.6e-06:111:32//CAENORHABDITIS ELEGANS//Q18262
- F-PLACE1010031//HYPOTHETICAL 24.1 KD PROTEIN IN LEF4-P33 INTERGENIC REGION//0.0024:72:33//AUTOGRAPHAL CALIFORNICA NUCLEAR POLYHEDROSIS VIRUS (ACMNPV)//P41479
- F-PLACE1010053//HYPOTHETICAL PROTEIN HI0593//0.83:24:45//HAEMOPHILUS INFLUENZAE//P44022
- 20 F-PLACE1010069
- F-PLACE1010074//VACUOLAR PROTEIN SORTING-ASSOCIATED PROTEIN VPS5//0.00027:192:28//SACCHAROMYCES CEREVISIAE (BAKER'S YEAST)//Q92331
- F-PLACE1010076//HUNCHBACK PROTEIN (FRAGMENT)//0.80:39:30//SCIARA COPROPHILA (FUNGUS GNAT)//Q01790
- 25 F-PLACE1010083//RHO-GAP HEMATOPOIETIC PROTEIN C1 (P115) (KIAA0131)//2.7e-48:177:46//HOMO SAPIENS (HUMAN)//P98171
- F-PLACE1010089//UBIQUITIN CARBOXYL-TERMINAL HYDROLASE 11 (EC 3.1.2.15) (UBIQUITIN THIOLESTERASE 11) (UBIQUITIN-SPECIFIC PROCESSING PROTEASE 13) (DEUBIQUITINATING ENZYME 11) (KIAA0055)//7.9e-07:55:43//HOMO SAPIENS (HUMAN)//P40818
- 30 F-PLACE1010096//100 KD PROTEIN (EC 6.3.2.-)//1.0e-107:232:90//RATTUS NORVEGICUS (RAT)//Q62671
- F-PLACE1010102//DNA-DIRECTED RNA POLYMERASE SUBUNIT N (EC 2.7.7.6)//1.0:33:45//METHANOCOCCUS JANNASCHII//Q57649
- F-PLACE1010105//RING CANAL PROTEIN (KELCH PROTEIN)//1.2e-47:200:46//DROSOPHILA MELANOGASTER (FRUIT FLY)//Q04652
- 35 F-PLACE1010106//RETROVIRUS-RELATED POL POLYPROTEIN [CONTAINS: REVERSE TRANSCRIPTASE (EC 2.7.7.49); ENDONUCLEASE]//1.2e-14:94:41//MUS MUSCULUS (MOUSE)//P11369
- F-PLACE1010134//HYPOTHETICAL 171.5 KD HELICASE IN NUT1-ARO2 INTERGENIC REGION//4.0e-28:78:76//SACCHAROMYCES CEREVISIAE (BAKER'S YEAST)//P53115
- F-PLACE1010148//GAR2 PROTEIN//2.6e-05:180:26//SCHIZOSACCHAROMYCES POMBE (FISSION YEAST)//P41891
- 40 F-PLACE1010152//UBIQUITIN CARBOXYL-TERMINAL HYDROLASE 64E (EC 3.1.2.15) (UBIQUITIN THIOLESTERASE 64E) (UBIQUITIN-SPECIFIC PROCESSING PROTEASE 64E) (DEUBIQUITINATING ENZYME 64E)//2.1e-59:227:54//DROSOPHILA MELANOGASTER (FRUIT FLY)//Q24574
- F-PLACE1010181//MALE SPECIFIC SPERM PROTEIN MST87F//0.39:12:58//DROSOPHILA MELANOGASTER (FRUIT FLY)//P08175
- 45 F-PLACE1010194//SPLICING FACTOR, ARGININE/SERINE-RICH 2 (SPLICING FACTOR SC35) (SC-35) (SPLICING COMPONENT, 35 KD) (PR264 PROTEIN)//1.4e-07:95:43//GALLUS GALLUS (CHICKEN)//P30352
- F-PLACE1010202//TRISTETRAPROLINE (TTP) (TIS11A) (TIS11) (ZFP-36)//0.094:109:29//RATTUS NORVEGICUS (RAT)//P47973
- 50 F-PLACE1010231//LANTIBIOTIC NISIN A PRECURSOR//0.99:42:35//LACTOCOCCUS LACTIS (SUBSP. LACTIS) (STREPTOCOCCUS LACTIS)//P13068
- F-PLACE1010261//SEGREGATION DISTORTER PROTEIN//6.0e-71:201:62//DROSOPHILA MELANOGASTER (FRUIT FLY)//P25722
- F-PLACE1010270
- 55 F-PLACE1010274//HYPOTHETICAL 16.2 KD PROTEIN C4F8.01 IN CHROMOSOME I//4.4e-08:100:26//SCHIZOSACCHAROMYCES POMBE (FISSION YEAST)//O14177
- F-PLACE1010293//!!!! ALU SUBFAMILY J WARNING ENTRY!!!!//3.9e-26:94:64//HOMO SAPIENS (HUMAN)//P39188

- F-PLACE1010310//SYNAPSINS IA AND IB//5.7e-09:89:37//RATTUS NORVEGICUS (RAT)//P09951
 F-PLACE1010321//IMMEDIATE-EARLY PROTEIN IE180//0.033:145:31//PSEUDORABIES VIRUS (STRAIN KA-PLAN) (PRV)//P33479
 5 F-PLACE1010324//MAST CELL DEGRANULATING PEPTIDE (MCDP) (MCD)//0.60:25:48//MEGABOMBUS PENNSYLVANICUS (AMERICAN COMMON BUMBLEBEE)//P04567
 F-PLACE1010329//TOXIN S5C10//1.0:39:33//DENDROASPIS JAMESONI KAIMOSAE (EASTERN JAMESON'S MAMBA)//P01419
 F-PLACE1010341//!!!! ALU SUBFAMILY SB WARNING ENTRY !!!!!//0.0049:49:55//HOMO SAPIENS (HUMAN)//P39189
 10 F-PLACE1010362//VARIANT-SURFACE-GLYCOPROTEIN PHOSPHOLIPASE C (EC 3.1.4.47) (VSG LIPASE) (GLYCOSYLPHOSPHATIDYLINOSITOL-SPECIFIC PHOSPHOLIPASE C) (GPI-PLC)//0.0034:89:30//TRYPANOSOMA CRUZI//015886
 F-PLACE1010364//NADH-UBIQUINONE OXIDOREDUCTASE B17 SUBUNIT (EC 1.6.5.3) (EC 1.6.99.3) (COMPLEX I-B17) (CI-B17)//1.0:40:35//SUS SCROFA (PIG)//Q29259
 15 F-PLACE1010383
 F-PLACE1010401//140 KD NUCLEOLAR PHOSPHOPROTEIN (NOPP140)//0.10:174:22//RATTUS NORVEGICUS (RAT)//P41777
 F-PLACE1010481//HYPOTHETICAL 71.9 KD PROTEIN B0285.5 IN CHROMOSOME III//1.5e-21:170:35//CAENORHABDITIS ELEGANS//P46555
 20 F-PLACE1010491//HYPOTHETICAL 13.5 KD PROTEIN IN MOB1-SGA1 INTERGENIC REGION//1.0:31:41//SACCHAROMYCES CEREVISIAE (BAKER'S YEAST)//P40490
 F-PLACE1010492//HYPOTHETICAL 42.3 KD PROTEIN C12G12.11C IN CHROMOSOME I//0.77:97:30//SCHIZOSACCHAROMYCES POMBE (FISSION YEAST)//Q09874
 F-PLACE1010522//SMALL PROLINE RICH PROTEIN II (SPR-II) (CLONE 930)//0.74:45:37//HOMO SAPIENS (HUMAN)//P22531
 25 F-PLACE1010529//DELTA 1-PYRROLINE-5-CARBOXYLATE SYNTHETASE (P5CS) [CONTAINS: GLUTAMATE 5-KINASE (EC 2.7.2.11) (GAMMA-GLUTAMYL KINASE) (GK); GAMMA-GLUTAMYL PHOSPHATE REDUCTASE (GPR) (EC 1.2.1.41) (GLUTAMATE-5-SEMIALDEHYDE DEHYDROGENASE) (GLUTAMYL-GAMMA-SEMIALDEHYDE DEHYDROGENASE)]//0.70:58:39//VIGNA ACONITIFOLIA (MOTHBEAN)//P32296
 30 F-PLACE1010547//HYPOTHETICAL 31.0 KD PROTEIN IN BUD9-RME1 INTERGENIC REGION//0.17:68:39//SACCHAROMYCES CEREVISIAE (BAKER'S YEAST)//P53227
 F-PLACE1010562//CHLOROPLAST 50S RIBOSOMAL PROTEIN L33//0.50:48:29//PORPHYRA PURPUREA//P51255
 F-PLACE1010579//HYPOTHETICAL PROTEIN HI1571//0.29:37:43//HAEMOPHILUS INFLUENZAE//P44260
 35 F-PLACE1010580//PUTATIVE ATP-DEPENDENT RNA HELICASE C12C2.06//3.3e-38:178:48//SCHIZOSACCHAROMYCES POMBE (FISSION YEAST)//Q09747
 F-PLACE1010599//PEROXISOMAL MEMBRANE PROTEIN PER10 (PEROXIN-14)//4.6e-17:192:31//PICHIA ANGUSTA (YEAST) (HANSENULA POLYMORPHA)//P78723
 F-PLACE1010616//HYPOTHETICAL 9.2 KD PROTEIN IN RNPA 3'REGION//0.44:32:37//PSEUDOMONAS PUTIDA//P25753
 40 F-PLACE1010622//A-AGGLUTININ ATTACHMENT SUBUNIT PRECURSOR//5.0e-06:102:42//SACCHAROMYCES CEREVISIAE (BAKER'S YEAST)//P32323
 F-PLACE1010624//SALIVARY PROLINE-RICH PROTEIN PO (ALLELE K) [CONTAINS: PEPTIDE P-D] (FRAGMENT)//0.00036:134:321//HOMO SAPIENS (HUMAN)//P10162
 45 F-PLACE1010628
 F-PLACE1010629//!!!! ALU SUBFAMILY SQ WARNING ENTRY !!!!!//2.7e-12:37:81//HOMO SAPIENS (HUMAN)//P39194
 F-PLACE1010630
 F-PLACE1010631//WNT-5B PROTEIN (FRAGMENT)//0.49:62:30//EUMECES SKILTONIANUS (WESTERN SKINK)//P28118
 50 F-PLACE1010661//MATERNAL EXUPERANTIA 2 PROTEIN//1.0:95:30//DROSOPHILA PSEUDOOBSCURA (FRUIT FLY)//Q24617
 F-PLACE1010662//UDP-GLUCOSE:GLYCOPROTEIN GLUCOSYLTRANSFERASE PRECURSOR (EC 2.4.1.-) (DUGT)//3.2e-05:117:24//DROSOPHILA MELANOGASTER (FRUIT FLY)//Q09332
 55 F-PLACE1010702//ZINC FINGER PROTEIN 195//1.4e-62:117:62//HOMO SAPIENS (HUMAN)//O14628
 F-PLACE1010714
 F-PLACE1010720//CHROMOSOME ASSEMBLY PROTEIN XCAP-C//1.1e-64:176:76//XENOPUS LAEVIS (AFRICAN CLAWED FROG)//P50532

F-PLACE1010739//TAT PROTEIN (TRANSACTIVATING REGULATORY PROTEIN) (FRAGMENT)//0.97:31:41//
 HUMAN IMMUNODEFICIENCY VIRUS TYPE 1 (BH5 ISOLATE) (HIV-1)//P04612
 F-PLACE1010743//PROLINE-RICH PROTEIN MP-3 (FRAGMENT)//3.8e-05:253:30//MUS MUSCULUS
 (MOUSE)//P05143
 5 F-PLACE1010761//HYPOTHETICAL 37.0 KD PROTEIN B0495.8 IN CHROMOSOME II//1.5e-14:175:25//
 CAENORHABDITIS ELEGANS//Q09217
 F-PLACE1010771//TRANSCRIPTIONAL REGULATOR PROTEIN HCNGP//1.3e-120:216:89//MUS MUSCULUS
 (MOUSE)//Q02614
 F-PLACE1010786//CENTROSOMIN (ARROW PROTEIN)//0.97:133:24//DROSOPHILA MELANOGASTER
 10 (FRUIT FLY)//P54623
 F-PLACE1010800//HYPOTHETICAL 31.7 KD PROTEIN IN TRAX-FINO INTERGENIC REGION (ORFC)//
 0.0060:111:31//ESCHERICHIA COLI//Q99390
 F-PLACE1010802//UREASE ACCESSORY PROTEIN UREI//0.82:44:29//BACILLUS SP. (STRAIN TB-90)//
 Q07415
 15 F-PLACE1010811//CYTOCHROME C-551 (C551)//0.99:42:38//ECTOTHIORHODOSPIRA HALOCHLORIS//
 P38587
 F-PLACE1010833//CALTRACTIN, ISOFORM 1 (CENTRIN)//2.8e-09:90:34//HOMO SAPIENS (HUMAN)//
 P41208
 F-PLACE1010856//MOLT-INHIBITING HORMONE (MIH)//1.0:32:37//PROCAMBARUS CLARKII (RED SWAMP
 20 CRAYFISH)//P55848
 F-PLACE1010857//IG ALPHA-1 CHAIN C REGION//0.49:73:34//GORILLA GORILLA GORILLA (LOWLAND GO-
 RILLA)//P20758
 F-PLACE1010870//ZINC FINGER PROTEIN 91 (ZINC FINGER PROTEIN HTF10) (HPF7)//1.2e-56:173:58//HO-
 MO SAPIENS (HUMAN)//Q05481
 25 F-PLACE1010877//HEAT SHOCK PROTEIN 82//0.13:130:25//ZEA MAYS (MAIZE)//Q08277
 F-PLACE1010891//HYPOTHETICAL 8.2 KD PROTEIN IN BLTR-SPOIIC INTERGENIC REGION//0.95:51:27//
 BACILLUS SUBTILIS//P54436
 F-PLACE1010896//SERINE/THREONINE-PROTEIN KINASE PTK1/STK1 (EC 2.7.1.)//0.98:71:30//SACCHA-
 ROMYCES CEREVISIAE (BAKER'S YEAST)//P36002
 30 F-PLACE1010900//HYPOTHETICAL PROTEIN HI0840//1.0:42:30//HAEMOPHILUS INFLUENZAE//P44897
 F-PLACE1010916//KERATIN, HIGH-SULFUR MATRIX PROTEIN, IIIB3//0.060:59:35//OVIS ARIES (SHEEP)//
 P02444
 F-PLACE1010917//E2 GLYCOPROTEIN PRECURSOR (SPIKE GLYCOPROTEIN) (PEPLOMER PROTEIN)//
 0.71:141:24//BOVINE CORONAVIRUS (STRAIN L9)//P25191
 35 F-PLACE1010925//HYPOTHETICAL 8.1 KD PROTEIN//1.0:17:58//THERMOPROTEUS TENAX VIRUS 1
 (STRAIN KRA1) (TTV1)//P19285
 F-PLACE1010926//HYPOTHETICAL PROLINE-RICH PROTEIN KIAA0269//0.011:51:45//HOMO SAPIENS (HU-
 MAN)//Q92558
 F-PLACE1010942//EPIDERMAL GROWTH FACTOR RECEPTOR SUBSTRATE SUBSTRATE 15 (PROTEIN
 40 EPS15)//3.1e-09:64:37//MUS MUSCULUS (MOUSE)//P42567
 F-PLACE1010944//GAP JUNCTION ALPHA-3 PROTEIN (CONNEXIN 44) (CX44)//0.17:71:38//BOS TAURUS
 (BOVINE)//P41987
 F-PLACE1010947
 F-PLACE1010954//TROPOMYOSIN ALPHA CHAIN, SKELETAL MUSCLE//0.011:144:26//HOMO SAPIENS
 45 (HUMAN)//P09493
 F-PLACE1010960//ACTIN-LIKE PROTEIN 13E//1.1 e-60:136:52//DROSOPHILA MELANOGASTER (FRUIT
 FLY)//P45890
 F-PLACE1010965
 F-PLACE1011026//PERIOD CLOCK PROTEIN (FRAGMENT)//1.0:64:31//DROSOPHILA ANANASSAE (FRUIT
 50 FLY)//Q03293
 F-PLACE1011032//RIBONUCLEASE HI (EC 3.1.26.4) (RNASE HI) (RIBONUCLEASE H) (RNASE H)//1.0:32:37//
 SALMONELLA TYPHIMURIUM//P23329
 F-PLACE1011041//HOMEBOX PROTEIN VAB-7//0.36:65:30//CAENORHABDITIS ELEGANS//Q93899
 F-PLACE1011046//1-PHOSPHATIDYLINOSITOL-4,5-BISPHOSPHATE PHOSPHODIESTERASE BETA 1 (EC
 55 3.1.4.11) (PLC-BETA-1) (PHOSPHOLIPASE C-BETA-1) (PLC-I) (PLC-154)//1.3e-22:58:93//RATTUS NORVEGI-
 CUS (RAT)//P10687
 F-PLACE1011054//ALU SUBFAMILY SX WARNING ENTRY !!!!!//1.6e-07:38:73//HOMO SAPIENS (HUMAN)//
 P39195

F-PLACE1011056//HISTONE H1//2.2e-10:109:41//PISUM SATIVUM (GARDEN PEA)//P08283
 F-PLACE1011057
 F-PLACE1011090//HYPOTHETICAL 33.8 KD PROTEIN IN TWT1-FLO5 INTERGENIC REGION//1.8e-07:133:
 32//SACCHAROMYCES CEREVISIAE (BAKER'S YEAST)//P38892
 5 F-PLACE1011109//ELONGATION FACTOR G, MITOCHONDRIAL PRECURSOR (MEF-G)//5.4e-25:63:88//RAT-
 TUS NORVEGICUS (RAT)//Q07803
 F-PLACE1011114//PUTATIVE ATP-DEPENDENT RNA HELICASE C1F7.02C//8.4e-31:157:45//SCHIZOSAC-
 CHAROMYCES POMBE (FISSION YEAST)//Q09916
 10 F-PLACE1011133//SERUM AMYLOID P-COMPONENT PRECURSOR (SAP) (9.5S ALPHA-1-GLYCOPRO-
 TEIN)//0.92:58:31//HOMO SAPIENS (HUMAN)//P02743
 F-PLACE1011143//PROBABLE E5 PROTEIN//0.24:42:35//HUMAN PAPILLOMAVIRUS TYPE31//P17385
 F-PLACE1011160//EARLY NODULIN 55-2 PRECURSOR (N-55-2) (NODULIN-315)//0.88:98:27//GLYCINE MAX
 (SOYBEAN)//Q02917
 15 F-PLACE1011165//HISTIDINE-RICH PROTEIN//0.013:13:76//PLASMODIUM FALCIPARUM (ISOLATE FCM17 /
 SENEGAL)//P14586
 F-PLACE1011185//!!!! ALU SUBFAMILY J WARNING ENTRY !!!!!//1.4e-13:98:50//HOMO SAPIENS (HUMAN)//
 P39188
 F-PLACE1011203
 20 F-PLACE1011214//ATP SYNTHASE PROTEIN 8 (EC 3.6.1.34) (A6L)//1.0:48:27//EQUUS ASINUS (DONKEY)//
 P92479
 F-PLACE1011219//PROBABLE OXIDOREDUCTASE (EC 1.1.1.1)//1.9e-15:162:31//STREPTOMYCES ANTIBI-
 OTICUS//Q03326
 F-PLACE1011221//ANTITHROMBIN-III HOMOLOG//0.84:74:33//FOWLPOX VIRUS (ISOLATE HP-438[MU-
 NICH])//P14369
 25 F-PLACE1011229//UBIQUITIN CARBOXYL-TERMINAL HYDROLASE 4 (EC 3.1.2.15) (UBIQUITIN THIOLESTE-
 RASE 4) (UBIQUITIN-SPECIFIC PROCESSING PROTEASE 4) (DEUBIQUITINATING ENZYME 4) (UBIQUI-
 TOUS NUCLEAR PROTEIN HOMOLOG)//3.5e-86:218:68//HOMO SAPIENS (HUMAN)//Q13107
 F-PLACE1011263//ANKYRIN, BRAIN VARIANT 2 (ANKYRIN B) (ANKYRIN, NONERYTHROID) (FRAGMENT)//
 3.0e-07:99:36//HOMO SAPIENS (HUMAN)//Q01485
 30 F-PLACE1011273
 F-PLACE1011291//PROTEIN KINASE C SUBSTRATE 80 KD PROTEIN (FRAGMENTS)//0.011:36:50//RATTUS
 NORVEGICUS (RAT)//P20468
 F-PLACE1011296//HOMEBOX PROTEIN DLX-6//0.76:55:32//BRACHYDANIO RERIO (ZEBRAFISH) (ZEBRA
 DANIO)//Q98877
 35 F-PLACE1011310//ATP SYNTHASE PROTEIN 9, MITOCHONDRIAL (EC 3.6.1.34) (LIPID-BINDING PROTEIN)//
 0.46:43:44//PETUNIA SP. (PETUNIA)//Q07060
 F-PLACE1011325//HYPOTHETICAL 222.8 KD PROTEIN C1F3.06C IN CHROMOSOME I//0.00021:171:27//
 SCHIZOSACCHAROMYCES POMBE (FISSION YEAST)//Q10411
 F-PLACE1011332//DNA-DAMAGE-REPAIR/TOLERATION PROTEIN DRT101 PRECURSOR//7.3e-27:113:52//
 40 ARABIDOPSIS THALIANA (MOUSE-EAR CRESS)//Q05211
 F-PLACE1011340//!!!! ALU SUBFAMILY J WARNING ENTRY !!!!!//2.6e-07:40:62//HOMO SAPIENS (HUMAN)//
 P39188
 F-PLACE1011371//INTER-ALPHA-TRYPSIN INHIBITOR HEAVY CHAIN H2 PRECURSOR (ITI HEAVY CHAIN
 H2)//2.2e-54:227:44//MUS MUSCULUS (MOUSE)//Q61703
 45 F-PLACE1011375//PROBABLE E5 PROTEIN//0.93:28:57//HUMAN PAPILLOMAVIRUS TYPE 51//P26553
 F-PLACE1011399//HISTONE H2B-IV//0.19:129:27//VOLVOX CARTERI//P16868
 F-PLACE1011419
 F-PLACE1011433//ZINC FINGER PROTEIN GLI3 (FRAGMENT)//3.4e-05:133:24//GALLUS GALLUS (CHICK-
 EN)//P55879
 50 F-PLACE1011452//LINE-1 REVERSE TRANSCRIPTASE HOMOLOG//3.9e-25:76:63//HOMO SAPIENS (HU-
 MAN)//P08547
 F-PLACE1011465//ECTODERMAL DYSPLASIA PROTEIN (EDA PROTEIN)//0.97:36:41//HOMO SAPIENS (HU-
 MAN)//Q92838
 F-PLACE1011472//METALLOTHIONEIN-1 (CUMT-1)//0.084:55:30//HOMARUS AMERICANUS (AMERICAN
 55 LOBSTER)//P29499
 F-PLACE1011477//CELL SURFACE GLYCOPROTEIN 1 PRECURSOR (OUTER LAYER PROTEIN B) (S-LAYER
 PROTEIN 1)//0.028:129:34//CLOSTRIDIUM THERMOCELLUM//Q06852
 F-PLACE1011492//NON-GREEN PLASTID TRIOSE PHOSPHATE TRANSLOCATOR PRECURSOR (CTPT)//

- 2.9e-13:147:31//BRASSICA OLERACEA (CAULIFLOWER)//P52178
 F-PLACE1011503//PUTATIVE FERREDOXIN-LIKE PROTEIN IN PURL-DPJ INTERGENIC REGION (086)//0.66:
 32:40//ESCHERICHIA COLI//P52102
 F-PLACE1011520
- 5 F-PLACE1011563//LORICRIN//0.00023:112:39//HOMO SAPIENS (HUMAN)//P23490
 F-PLACE1011567//!!!! ALU SUBFAMILY SX WARNING ENTRY !!!!!/9.2e-31:78:76//HOMO SAPIENS (HUMAN)//
 P39195
 F-PLACE1011576//ZINC FINGER PROTEIN 91 (ZINC FINGER PROTEIN HTF10) (HPF7)//1.5e-32:45:86//HO-
 MO SAPIENS (HUMAN)//Q05481
- 10 F-PLACE1011586//N-TYPE CALCIUM CHANNEL ALPHA-1B SUBUNIT (OMEGA-CONOTOXIN-SENSITIVE N-
 TYPE, BRAIN CALCIUM CHANNEL ALPHA-1 SUBUNIT)//0.26:81:37//HOMO SAPIENS (HUMAN)//Q00975
 F-PLACE1011635//IMMEDIATE-EARLY PROTEIN IE180//0.00045:170:30//PSEUDORABIES VIRUS (STRAIN
 INDIANA-FUNKHAUSER/BECKER) (PRV)//P11675
 F-PLACE1011641
- 15 F-PLACE1011643//CUTICLE COLLAGEN 40//1.0:128:32//CAENORHABDITIS ELEGANS//P34804
 F-PLACE1011646//!!!! ALU SUBFAMILY J WARNING ENTRY !!!!!/1.1e-15:44:63//HOMO SAPIENS (HUMAN)//
 P39188
 F-PLACE1011649//HYPOTHETICAL PROTEIN F-215//0.48:106:34//HUMAN ADENOVIRUS TYPE 2//P03291
 F-PLACE1011650
- 20 F-PLACE1011664//CROOKED NECK PROTEIN//1.2e-79:201:68//DROSOPHILA MELANOGASTER (FRUIT
 FLY)//P17886
 F-PLACE1011675//FERREDOXIN//1.0:44:29//METHANOCOCCUS THERMOLITHOTROPHICUS//P21305
 F-PLACE1011682//HYPOTHETICAL 7.0 KD PROTEIN IN RPS26A-COX4 INTERGENIC REGION//1.0:40:22//
 SACCHAROMYCES CEREVISIAE (BAKER'S YEAST)//P53098
- 25 F-PLACE1011719//NEUROTOXIN TX2-6//0.90:31:35//PHONEUTRIA NIGRIVENTER (BRAZILIAN ARMED SPI-
 DER)//P29425
 F-PLACE1011725//NUCLEOBINDIN PRECURSOR (NUCB1) (BONE 63 KD CALCIUM-BINDING PROTEIN)//
 0.0065:125:25//RATTUS NORVEGICUS (RAT)//Q63083
 F-PLACE1011729//SRY-RELATED PROTEIN LG27 (FRAGMENT)//0.97:48:39//EUBLEPHARIS MACULAR-
 IUS//P40654
- 30 F-PLACE1011749
 F-PLACE1011762//D-BINDING PROTEIN (DBP) (ALBUMIN D BOX-BINDING PROTEIN)//0.028:91:39//MUS
 MUSCULUS (MOUSE)//Q60925
 F-PLACE1011778
- 35 F-PLACE1011783//EMBRYONIC GROWTH/DIFFERENTIATION FACTOR 1 PRECURSOR (GDF-1)//0.97:48:
 43//MUS MUSCULUS (MOUSE)//P20863
 F-PLACE1011858//COLLAGEN 1(X) CHAIN PRECURSOR//0.0027:154:33//BOS TAURUS (BOVINE)//P23206
 F-PLACE1011874//BACTERIOCHLOROPHYLL A PROTEIN (BCHL A PROTEIN) (BCP)//1.0:60:26//PROSTHE-
 COCHLORIS AESTUARII//P11741
- 40 F-PLACE1011875//HYPOTHETICAL 6.6 KD PROTEIN IN GP54-ALT INTERGENIC REGION//0.99:34:35//AC-
 TERIOPHAGE T4//P39495
 F-PLACE1011891//SMOOTHELIN//0.018:122:31//HOMO SAPIENS (HUMAN)//P53814
 F-PLACE1011896//SKIN SECRETORY PROTEIN XP2 PRECURSOR (APEG PROTEIN)//6.3e-09:203:35//
 XENOPUS LAEVIS (AFRICAN CLAWED FROG)//P17437
- 45 F-PLACE1011922//CRYPTIDIN-RELATED PROTEIN 4C-2 PRECURSOR (CRS4C)//0.067:37:48//MUS MUSCU-
 LUS (MOUSE)//P50715
 F-PLACE1011923//SERINE/THREONINE-PROTEIN KINASE SNK (EC 2.7.1.-) (SERUM INDUCIBLE KINASE)//
 1.5e-83:175:89//MUS MUSCULUS (MOUSE)//P53351
 F-PLACE1011962//MATING-TYPE PHEROMONE BAP1(2) PRECURSOR//0.50:46:41//SCHIZOPHYLLUM
 COMMUNE (BRACKET FUNGUS)//Q02593
- 50 F-PLACE1011964//LINE-1 REVERSE TRANSCRIPTASE HOMOLOG//1.6e-05:47:51//NYCTICEBUS COU-
 CANG (SLOW LORIS)//P08548
 F-PLACE1011982//APICAL MEMBRANE ANTIGEN 1 PRECURSOR (MEROZOITE SURFACE ANTIGEN)//0.98:
 83:31//PLASMODIUM FRAGILE//P22622
- 55 F-PLACE1011995
 F-PLACE1012031//HYPOTHETICAL PROTEIN KIAA0254//0.032:62:33//HOMO SAPIENS (HUMAN)//Q92543
 F-PLACE2000003//!!!! ALU SUBFAMILY SP WARNING ENTRY !!!!!/5.4e-18:63:73//HOMO SAPIENS (HUMAN)//
 P39193

F-PLACE2000006//ANNEXIN VII (SYNEXIN) (FRAGMENT)//0.14:20:50//BOS TAURUS (BOVINE)//P20072
 F-PLACE2000007//PROLINE-RICH PROTEIN MP-3 (FRAGMENT)//0.0045:176:30//MUS MUSCULUS
 (MOUSE)//P05143
 5 F-PLACE2000011//ALU SUBFAMILY SQ WARNING ENTRY !!!!!/3.6e-25:57:78//HOMO SAPIENS (HUMAN)//
 P39194
 F-PLACE2000014//HYPOTHETICAL HELICASE C28H8.3 IN CHROMOSOME III//0.00013:237:27//
 CAENORHABDITIS ELEGANS//Q09475
 F-PLACE2000015//ALU SUBFAMILY SP WARNING ENTRY !!!!!/1.4e-33:60:80//HOMO SAPIENS (HUMAN)//
 P39193
 10 F-PLACE2000017//FOLATE RECEPTOR BETA PRECURSOR (FR-BETA) (FOLATE RECEPTOR 2) (FOLATE
 RECEPTOR, FETAL/PLACENTAL) (PLACENTAL FOLATE-BINDING PROTEIN) (FBP)//1.0:83:31//HOMO SAPI-
 ENS (HUMAN)//P14207
 F-PLACE2000021//EPHRIN TYPE-A RECEPTOR 4 PRECURSOR (EC 2.7.1.112) (TYROSINE-PROTEIN KI-
 NASE RECEPTOR CEK8)//0.99:103:26//GALLUS GALLUS (CHICKEN)//Q07496
 15 F-PLACE2000030//MALE SPECIFIC SPERM PROTEIN MST84DA//0.69:29:44//DROSOPHILA MELA-
 NOGASTER (FRUIT FLY)//Q01642
 F-PLACE2000033//PROBABLE OXIDOREDUCTASE (EC 1.1.1.1)//1.1e-05:74:41//STREPTOMYCES ANTIBIOTI-
 CUS//Q03326
 F-PLACE2000034//AXONIN-1 PRECURSOR (AXONAL GLYCOPROTEIN TAG-1) (TRANSIENT AXONAL GLYC-
 OPROTEIN 1)//6.7e-18:191:35//HOMO SAPIENS (HUMAN)//Q02246
 20 F-PLACE2000039//DYNEIN HEAVY CHAIN, CYTOSOLIC (DYHC) (MAP 1C)//4.7e-80:163:96//RATTUS NOR-
 VEGICUS (RAT)//P38650
 F-PLACE2000047//ALU SUBFAMILY SB2 WARNING ENTRY !!!!!/6.4e-06:63:49//HOMO SAPIENS (HU-
 MAN)//P39191
 25 F-PLACE2000050//ALU SUBFAMILY SC WARNING ENTRY !!!!!/3.2e-22:74:64//HOMO SAPIENS (HUMAN)//
 P39192
 F-PLACE2000061
 F-PLACE2000062//GLUCOSE STARVATION-INDUCIBLE PROTEIN B (GENERAL STRESS PROTEIN B)//1.9e-
 06:108:37//BACILLUS SUBTILIS//P26907
 30 F-PLACE2000072//ZINC FINGER PROTEIN 165//3.5e-34:175:49//HOMO SAPIENS (HUMAN)//P49910
 F-PLACE2000097//RIBONUCLEASE PANCREATIC (EC 3.1.27.5) (RNASE 1) (RNASE A)//0.36:39:38//ONDAT-
 RA ZIBETHICUS (MUSKRAT)//P00681
 F-PLACE2000100
 F-PLACE2000103//TUBULIN ALPHA-4 CHAIN (FRAGMENTS)//0.18:32:37//ZEA MAYS (MAIZE)//P33626
 35 F-PLACE2000111//CMRF35 ANTIGEN PRECURSOR//0.056:107:27//HOMO SAPIENS (HUMAN)//Q08708
 F-PLACE2000115//DIAMINOPIMELATE EPIMERASE (EC 5.1.1.7) (DAP EPIMERASE) (FRAGMENT)//1.0:21:
 52//CLOSTRIDIUM PERFRINGENS//Q46185
 F-PLACE2000124//ALU SUBFAMILY SQ WARNING ENTRY !!!!!/3.4e-37:108:68//HOMO SAPIENS (HU-
 MAN)//P39194
 40 F-PLACE2000132//PROBABLE MEMBRANE ANTIGEN GP85//0.99:133:29//EPSTEIN-BARR VIRUS (STRAIN
 B95-8) (HUMAN HERPESVIRUS 4)//P03224
 F-PLACE2000136//VASOACTIVE INTESTINAL POLYPEPTIDE RECEPTOR 2 PRECURSOR (VIP-R-2) (PITUI-
 TARY ADENYLATE CYCLASE ACTIVATING POLYPEPTIDE TYPE III RECEPTOR) (PACAP TYPE III RECEP-
 TOR) (PACAP-R-3)//0.83:65:32//MUS MUSCULUS (MOUSE)//P41588
 45 F-PLACE2000140
 F-PLACE2000164//TIPD PROTEIN//5.7e-12:190:28//DICTYOSTELIUM DISCOIDEUM (SLIME MOLD)//
 Q15736
 F-PLACE2000170//BACTERIOCIN CARNOBACTERIOCIN BM1 PRECURSOR (CARNOBACTERIOCIN B1)//
 1.0:30:26//CARNOBACTERIUM PISCICOLA//P38579
 50 F-PLACE2000172
 F-PLACE2000176//HYPOTHETICAL PROTEIN AF0526//0.76:44:43//ARCHAEOGLOBUS FULGIDUS//Q29724
 F-PLACE2000187//EM-LIKE PROTEIN GEA6//0.84:42:35//ARABIDOPSIS THALIANA (MOUSE-EAR CRESS)//
 Q02973
 F-PLACE2000216
 55 F-PLACE2000223//NEUROTOXIN III (LQQ III)//0.99:38:34//LEIURUS QUINQUESTRIATUS QUINQUESTRIA-
 TUS (EGYPTIAN SCORPION)//P01487
 F-PLACE2000235
 F-PLACE2000246//RING CANAL PROTEIN (KELCH PROTEIN)//5.1e-37:121:42//DROSOPHILA MELA-

NOGASTER (FRUIT FLY)//Q04652

F-PLACE2000264//!!!! ALU SUBFAMILY SB2 WARNING ENTRY !!!!!/2.4e-05:77:42//HOMO SAPIENS (HUMAN)//P39191

F-PLACE2000274//DYNEIN BETA CHAIN, CILIARY//5.3e-46:232:45//TRIPNEUSTES GRATILLA (HAWAIIAN SEA URCHIN)//P23098

F-PLACE2000302//TRICHOHYALIN//1.5e-06:215:29//ORYCTOLAGUS CUNICULUS (RABBIT)//P37709

F-PLACE2000305//!!!! ALU SUBFAMILY J WARNING ENTRY !!!!!/5.3e-06:33:66//HOMO SAPIENS (HUMAN)//P39188

F-PLACE2000317//TOXIN C13S1C1 PRECURSOR//0.44:45:33//DENDROASPIS ANGUSTICEPS (EASTERN GREEN MAMBA)//P18329

F-PLACE2000335//!!!! ALU SUBFAMILY SX WARNING ENTRY !!!!!/7.9e-08:35:71//HOMO SAPIENS (HUMAN)//P39195

F-PLACE2000341//SODIUM/GLUCOSE COTRANSPORTER 1 (NA(+)/GLUCOSE COTRANSPORTER 1) (HIGH AFFINITY SODIUM-GLUCOSE COTRANSPORTER)//0.014:141:24//ORYCTOLAGUS CUNICULUS (RABBIT)//P11170

F-PLACE2000342//HYPOTHETICAL 24.1 KD PROTEIN IN LEF4-P33 INTERGENIC REGION//5.7e-09:96:38//AUTOGRAPHIA CALIFORNICA NUCLEAR POLYHEDROSIS VIRUS (ACMNPV)//P41479

F-PLACE2000347//ZINC FINGER PROTEIN 177//5.9e-05:49:53//HOMO SAPIENS (HUMAN)//Q13360

F-PLACE2000359//!!!! ALU SUBFAMILY SQ WARNING ENTRY !!!!!/7.5e-10:69:52//HOMO SAPIENS (HUMAN)//P39194

F-PLACE2000366

F-PLACE2000371//ATROPHIN-1 (DENTATORUBRAL-PALLIDOLYSIAN ATROPHY PROTEIN)//1.5e-05:216:29//HOMO SAPIENS (HUMAN)//P54259

F-PLACE2000373//MAX BINDING PROTEIN MNT (ROX PROTEIN) (MYC ANTAGONIST MNT)//0.27:63:33//HOMO SAPIENS (HUMAN)//Q99583

F-PLACE2000379//HYPOTHETICAL GENE 1 PROTEIN//0.72:120:31//EQUINE HERPESVIRUS TYPE 1 (STRAIN AB4P) (EHV-1)//P28978

F-PLACE2000394//BASIC PROLINE-RICH PEPTIDE P-E (IB-9)//0.95:40:42//HOMO SAPIENS (HUMAN)//P02811

F-PLACE2000398//RIBONUCLEASE PRECURSOR (EC 3.1.27.-)//0.88:88:31//AEROMONAS HYDROPHILA//Q07465

F-PLACE2000399//T-CELL SURFACE GLYCOPROTEIN E2 PRECURSOR (E2 ANTIGEN) (CD99) (MIC2 PROTEIN) (12E7)//7.6e-16:180:39//HOMO SAPIENS (HUMAN)//P14209

F-PLACE2000404//PROBABLE LEUCYL-TRNA SYNTHETASE (EC 6.1.1.4) (LEUCINE-TRNA LIGASE) (LEURS)//1.7e-94:243:64//CAENORHABDITIS ELEGANS//Q09996

F-PLACE2000411//SERINE/THREONINE PROTEIN PHOSPHATASE 5 (EC 3.1.3.16) (PP5) (PROTEIN PHOSPHATASE T) (PPT) (FRAGMENT)//1.2e-09:78:39//MUS MUSCULUS (MOUSE)//Q60676

F-PLACE2000419//!!!! ALU SUBFAMILY J WARNING ENTRY !!!!!/2.6e-20:61:62//HOMO SAPIENS (HUMAN)//P39188

F-PLACE2000425//HYPOTHETICAL 11.9 KD PROTEIN IN MSB2-UGA1 INTERGENIC REGION//0.98:75:32//SACCHAROMYCES CEREVISIAE (BAKER'S YEAST)//P53211

F-PLACE2000427//INSULIN PRECURSOR//0.98:55:34//CERCOPITHECUS AETHIOPS (GREEN MONKEY) (GRIVET)//P30407

F-PLACE2000433//!!!! ALU SUBFAMILY J WARNING ENTRY !!!!!/7.5e-07:65:50//HOMO SAPIENS (HUMAN)//P39188

F-PLACE2000435

F-PLACE2000438//HYPOTHETICAL 67.9 KD PROTEIN ZK688.8 IN CHROMOSOME III//4.7e-66:178:47//CAENORHABDITIS ELEGANS//P34678

F-PLACE2000450//!!!! ALU SUBFAMILY SX WARNING ENTRY !!!!!/2.1e-23:88:62//HOMO SAPIENS (HUMAN)//P39195

F-PLACE2000455//TOXIN II (TOXIN II.10.9.2) (FRAGMENT)//0.093:18:44//CENTRUROIDES LIMPIDUS LIMPIDUS (MEXICAN SCORPION)//P45630

F-PLACE2000458//CADHERIN-RELATED TUMOR SUPPRESSOR PRECURSOR (FAT PROTEIN)//3.1e-23:165:40//DROSOPHILA MELANOGASTER (FRUIT FLY)//P33450

F-PLACE2000465//!!!! ALU SUBFAMILY J WARNING ENTRY !!!!!/3.6e-23:73:63//HOMO SAPIENS (HUMAN)//P39188

F-PLACE2000477//!!!! ALU SUBFAMILY SQ WARNING ENTRY !!!!!/4.4e-37:90:78//HOMO SAPIENS (HUMAN)//P39194

F-PLACE3000004//EYES ABSENT HOMOLOG 3//1.1e-09:27:100//MUS MUSCULUS (MOUSE)//P97480
 F-PLACE3000009//PUTATIVE CUTICLE COLLAGEN C09G5.6//0.0061:148:34//CAENORHABDITIS ELE-
 GANS//Q09457
 5 F-PLACE3000020//ADENYLATE CYCLASE, OLFACTIVE TYPE (EC 4.6.1.1) (TYPE III) (ATP PYROPHOS-
 PHATE-LYASE) (ADENYLYL CYCLASE)//8.8e-93:193:92//RATTUS NORVEGICUS (RAT)//P21932
 F-PLACE3000029//50S RIBOSOMAL PROTEIN L31E//0.15:50:38//METHANOCOCCUS JANNASCHII//P54009
 F-PLACE3000059//TCP1-CHAPERONIN COFACTOR A//0.96:50:34//BOS TAURUS (BOVINE)//P48427
 F-PLACE3000070//HYPOTHETICAL 17.1 KD PROTEIN IN PUR5 3'REGION//0.29:22:59//SACCHAROMYCES
 CEREVISIAE (BAKER'S YEAST)//P38898
 10 F-PLACE3000103//LYSIS PROTEIN (E PROTEIN) (GPE)//0.99:53:32//BACTERIOPHAGE ALPHA-3//P31280
 F-PLACE3000119//!!!! ALU SUBFAMILY SB WARNING ENTRY !!!!//5.4e-41:87:78//HOMO SAPIENS (HUMAN)//
 P39189
 F-PLACE3000121//VESICULAR TRAFFIC CONTROL PROTEIN SEC151//1.0e-07:269:22//SACCHAROMYCES
 CEREVISIAE (BAKER'S YEAST)//P22224
 15 F-PLACE3000124//!!!! ALU SUBFAMILY J WARNING ENTRY !!!!//1.2e-29:97:73//HOMO SAPIENS (HUMAN)//
 P39188
 F-PLACE3000136//PARS INTERCEREBRALIS MAJOR PEPTIDE D1 (PMP-D1)//0.77:26:42//LOCUSTA MIGRA-
 TORIA (MIGRATORY LOCUST)//P80059
 F-PLACE3000142//HYPOTHETICAL 7.1 KD PROTEIN IN NAD2 3'REGION (ORF 63)//0.82:34:41//MARCHAN-
 20 TIA POLYMORPHA (LIVERWORT)//P38468
 F-PLACE3000145//TENSIN//3.5e-91:238:74//GALLUS GALLUS (CHICKEN)//Q04205
 F-PLACE3000147//!!!! ALU SUBFAMILY SQ WARNING ENTRY !!!!//4.4e-30:61:65//HOMO SAPIENS (HUMAN)//
 P39194
 F-PLACE3000148//POL POLYPROTEIN [CONTAINS: PROTEASE (EC 3.4.23.-); REVERSE TRANSCRIPTASE
 25 (EC 2.7.7.49); ENDONUCLEASE]//1.4e-18:226:34//GIBBON APE LEUKEMIA VIRUS//P21414
 F-PLACE3000155//EXTENSIN PRECURSOR (PROLINE-RICH GLYCOPROTEIN)//0.00014:107:33//ZEA MAYS
 (MAIZE)//P14918
 F-PLACE3000156//POL POLYPROTEIN [CONTAINS: PROTEASE (EC 3.4.23.-); REVERSE TRANSCRIPTASE
 (EC 2.7.7.49); ENDONUCLEASE]//2.7e-19:169:30//BABOON ENDOGENOUS VIRUS (STRAIN M7)//P10272
 30 F-PLACE3000157//PROBABLE SERINE/THREONINE-PROTEIN KINASE CY50.16 (EC 2.7.1.-)//0.0061:92:30//
 MYCOBACTERIUM TUBERCULOSIS//Q11053
 F-PLACE3000158//!!!! ALU SUBFAMILY SB WARNING ENTRY !!!!//5.7e-49:56:80//HOMO SAPIENS (HUMAN)//
 P39189
 F-PLACE3000160//DNA TRANSFORMATION PROTEIN TFOX (COMPETENCE ACTIVATOR) (PROTEIN SXY)//
 35 0.39:94:34//HAEMOPHILUS INFLUENZAE//P43779
 F-PLACE3000169//!!!! ALU SUBFAMILY SP WARNING ENTRY !!!!//5.6e-28:99:59//HOMO SAPIENS (HUMAN)//
 P39193
 F-PLACE3000194//PROLINE-RICH PROTEIN LAS17//0.91:80:36//SACCHAROMYCES CEREVISIAE (BAK-
 ER'S YEAST)//Q12446
 40 F-PLACE3000197//NEUROFILAMENT TRIPLET M PROTEIN (160 KD NEUROFILAMENT PROTEIN) (NF-M)//
 0.24:119:32//GALLUS GALLUS (CHICKEN)//P16053
 F-PLACE3000199//EXTENSIN PRECURSOR (CELL WALL HYDROXYPROLINE-RICH GLYCOPROTEIN)//
 0.76:87:37//NICOTIANA TABACUM (COMMON TOBACCO)//P13983
 F-PLACE3000207//!!!! ALU SUBFAMILY J WARNING ENTRY !!!!//4.5e-09:32:78//HOMO SAPIENS (HUMAN)//
 45 P39188
 F-PLACE3000208
 F-PLACE3000218//!!!! ALU SUBFAMILY SQ WARNING ENTRY !!!!//7.2e-34:96:70//HOMO SAPIENS (HUMAN)//
 P39194
 F-PLACE3000220//OSTEOCALCIN (GAMMA-CARBOXYGLUTAMIC ACID-CONTAINING PROTEIN) (BONE
 50 GLA- PROTEIN) (BGP)//0.46:13:53//CANIS FAMILIARIS (DOG)//P81455
 F-PLACE3000221//!!!! ALU SUBFAMILY J WARNING ENTRY !!!!//2.8e-24:178:45//HOMO SAPIENS (HUMAN)//
 P39188
 F-PLACE3000226//30S RIBOSOMAL PROTEIN S18//0.98:38:34//NEISSERIA GONORRHOEAE//O07815
 F-PLACE3000230//METALLOTHIONEIN (MT)//0.97:25:48//OREOCHROMIS MOSSAMBICUS (MOZAMBIQUE
 55 TILAPIA) (TILAPIA MOSSAMBICA)//P52726
 F-PLACE3000242//MELANOMA-ASSOCIATED ANTIGEN 8 (MAGE-8 ANTIGEN)//8.0e-21:121:39//HOMO SA-
 PIENS (HUMAN)//P43361
 F-PLACE3000244//PROTEIN TSG24 (MEIOTIC CHECK POINT REGULATOR)//2.3e-125:264:87//MUS MUS-

CULUS (MOUSE)//P53995
 F-PLACE3000254//RTOA PROTEIN (RATIO-A)//0.99:142:23//DICTYOSTELIUM DISCOIDEUM (SLIME MOLD)//P54681
 5 F-PLACE3000271//!!!! ALU SUBFAMILY J WARNING ENTRY !!!!!/2.2e-12:63:53//HOMO SAPIENS (HUMAN)//P39188
 F-PLACE3000276//COLLAGEN ALPHA 1(VIII) CHAIN PRECURSOR (ENDOTHELIAL COLLAGEN)//1.0:55:38//HOMO SAPIENS (HUMAN)//P27658
 F-PLACE3000304//DNA-BINDING P52/P100 COMPLEX, 100 KD SUBUNIT (FRAGMENTS)//0.0028:31:54//HOMO SAPIENS (HUMAN)//P30808
 10 F-PLACE3000310//ATROPHIN-1 (DENTATORUBRAL-PALLIDOLUYSIAN ATROPHY PROTEIN)//0.98:82:34//RATTUS NORVEGICUS (RAT)//P54258
 F-PLACE3000320
 F-PLACE3000322//GLYCINE-RICH CELL WALL STRUCTURAL PROTEIN 1 PRECURSOR//2.2e-22:61:52//ORYZA SATIVA (RICE)//P25074
 15 F-PLACE3000331//SMALL PROLINE-RICH PROTEIN II (SPR-II) (CLONE 174N)//0.32:15:53//HOMO SAPIENS (HUMAN)//P22532
 F-PLACE3000339//CHORION PROTEIN S19//0.34:89:37//DROSOPHILA VIRILIS (FRUIT FLY)//P24516
 F-PLACE3000341//NADH-UBIQUINONE OXIDOREDUCTASE CHAIN 1 (EC 1.6.5.3) (FRAGMENT)//1.0:47:38//COTURNIX COTURNIX JAPONICA (JAPANESE QUAIL)//P24968
 20 F-PLACE3000350//SERINE/THREONINE-PROTEIN KINASE SULU (EC 2.7.1.-)//3.9e-50:168:60//CAENORHABDITIS ELEGANS //P46549
 F-PLACE3000352//!!!! ALU SUBFAMILY SQ WARNING ENTRY !!!!!/7.8e-29:76:71//HOMO SAPIENS (HUMAN)//P39194
 F-PLACE3000353//POLYPEPTIDE N-ACETYL GALACTOSAMINYLTRANSFERASE (EC 2.4.1.41) (PROTEIN-UDP ACETYL GALACTOSAMINYLTRANSFERASE) (UDP-GALNAC:POLYPEPTIDE, N-ACETYL GALACTOSAMINYLTRANSFERASE) (GALNAC-T1)//3.0e-09:100:41//HOMO SAPIENS (HUMAN)//Q10472
 25 F-PLACE3000362//HYPOTHETICAL PROTEIN TP0064//1.0:75:26//TREPONEMA PALLIDUM//O83103
 F-PLACE3000363//METALLOTHIONEIN (MT)//0.067:42:33//ASTACUS FLUVIATILIS (BROAD-FINGERED CRAYFISH) (ASTACUS ASTACUS)//P55951
 30 F-PLACE3000365//LYSIS PROTEIN (E PROTEIN) (GPE)//1.0:65:27//BACTERIOPHAGE PHI-K//Q38040
 F-PLACE3000373//RETROVIRUS-RELATED ENV POLYPROTEIN//1.5e-18:90:47//HOMO SAPIENS (HUMAN)//P10267
 F-PLACE3000388
 35 F-PLACE3000399//!!!! ALU SUBFAMILY SP WARNING ENTRY !!!!!/6.3e-45:60:75//HOMO SAPIENS (HUMAN)//P39193
 F-PLACE3000400
 F-PLACE3000401//!!!! ALU SUBFAMILY J WARNING ENTRY !!!!!/3.6e-09:46:73//HOMO SAPIENS (HUMAN)//P39188
 F-PLACE3000402//!!!! ALU SUBFAMILY J WARNING ENTRY !!!!!/0.036:43:44//HOMO SAPIENS (HUMAN)//P39188
 40 F-PLACE3000405//POSTERIOR PITUITARY PEPTIDE//0.70:25:40//BOS TAURUS (BOVINE)//P01154
 F-PLACE3000406//!!!! ALU SUBFAMILY SX WARNING ENTRY !!!!!/4.3e-09:49:67//HOMO SAPIENS (HUMAN)//P39195
 F-PLACE3000413//MALE SPECIFIC SPERM PROTEIN MST87F//0.12:42:40//DROSOPHILA MELANOGASTER (FRUIT FLY)//P08175
 45 F-PLACE3000416//CYLICIN I (MULTIPLE-BAND POLYPEPTIDE I)//0.67:236:21//BOS TAURUS (BOVINE)//P35662
 F-PLACE3000425//PROLINE-RICH PEPTIDE P-B//0.45:19:42//HOMO SAPIENS (HUMAN)//P02814
 F-PLACE3000455//AMELOGENIN, CLASS I PRECURSOR//0.0073:81:43//BOS TAURUS (BOVINE)//P02817
 50 F-PLACE3000475//8.6 KD TRANSGLUTAMINASE SUBSTRATE//1.0:53:32//TACHYPLEUS TRIDENTATUS (JAPANESE HORSESHOE CRAB)//P81281
 F-PLACE3000477//MUSCARINIC TOXIN 7 (MT-7)//0.13:55:32//DENDROASPIS ANGUSTICEPS (EASTERN GREEN MAMBA)//P80970
 F-PLACE4000009//MYOSIN HEAVY CHAIN, SMOOTH MUSCLE ISOFORM (SMMHC) (FRAGMENT)//7.0e-19:180:27//HOMO SAPIENS (HUMAN)//P35749
 55 F-PLACE4000014//X-LINKED HELICASE II (X-LINKED NUCLEAR PROTEIN) (XNP)//3.2e-15:193:30//HOMO SAPIENS (HUMAN)//P46100
 F-PLACE4000034//BRIDE OF SEVENLESS PROTEIN PRECURSOR//0.0024:97:29//DROSOPHILA MELA-

NOGASTER (FRUIT FLY)//P22815
 F-PLACE4000049//!!!! ALU SUBFAMILY SQ WARNING ENTRY !!!!!/3.8e-32:79:75//HOMO SAPIENS (HUMAN)//
 P39194
 5 F-PLACE4000052//ATP-BINDING CASSETTE TRANSPORTER 1//2.2e-99:178:97//MUS MUSCULUS
 (MOUSE)//P41233
 F-PLACE4000063//IMMEDIATE-EARLY PROTEIN//0.0017:159:25//HERPESVIRUS SAIMIRI (STRAIN 11)//
 Q01042
 F-PLACE4000089
 F-PLACE4000093
 10 F-PLACE4000100//!!!! ALU SUBFAMILY J WARNING ENTRY !!!!!/1.5e-14:68:60//HOMO SAPIENS (HUMAN)//
 P39188
 F-PLACE4000106//1A PROTEIN [CONTAINS: HELICASE; METHYLTRANSFERASE]//1.0:46:41//BROAD BEAN
 MOTTLE VIRUS//Q00020
 F-PLACE4000128//HYPOTHETICAL PROTEIN E-115//0.00020:101:30//HUMAN ADENOVIRUS TYPE 2//
 15 P03290
 F-PLACE4000129//CORNIFIN B (SMALL PROLINE-RICH PROTEIN IB) (SPR-IB) (14.9 KD PANCORNULIN)//
 0.15:57:31//HOMO SAPIENS (HUMAN)//P22528
 F-PLACE4000131
 F-PLACE4000147//COMPETENCE PHEROMONE PRECURSOR//1.0:45:24//BACILLUS SUBTILIS//P45453
 20 F-PLACE4000156//ZINC FINGER PROTEIN 136//2.1e-88:194:59//HOMO SAPIENS (HUMAN)//P52737
 F-PLACE4000192//ZINC FINGER PROTEIN 142 (KIAA0236) (HA4654)//0.083:148:26//HOMO SAPIENS (HU-
 MAN)//P52746
 F-PLACE4000211//CALPHOTIN//0.20:43:39//DROSOPHILA MELANOGASTER (FRUIT FLY)//Q02910
 F-PLACE4000222//!!!! ALU SUBFAMILY J WARNING ENTRY !!!!!/1.1e-05:20:85//HOMO SAPIENS (HUMAN)//
 25 P39188
 F-PLACE4000230//DIHYDROFOLATE REDUCTASE (EC 1.5.1.3)//THYMIDYLATE SYNTHASE (EC 2.1.1.45)
 (DHFR-TS)//1.0:96:28//TRYPANOSOMA BRUCEI BRUCEI//Q27783
 F-PLACE4000233
 F-PLACE4000247//METALLOTHIONEIN (MT)//1.0e-05:34:41//PLEURONECTES PLATESSA (PLAICE)//
 30 P07216
 F-PLACE4000250//VPU PROTEIN (ORF-X PROTEIN) (UPX PROTEIN)//0.99:33:42//CAPRINE ARTHRITIS EN-
 CEPHALITIS VIRUS (CAEV)//P31834
 F-PLACE4000252//MALE SPECIFIC SPERM PROTEIN - MST84DB//0.42:24:45//DROSOPHILA MELA-
 NOGASTER (FRUIT FLY)//Q01643
 35 F-PLACE4000259//PRE-MRNA SPLICING HELICASE BRR2 (EC 3.6.1.1)//3.5e-09:189:32//SACCHAROMYCES
 CEREVISIAE (BAKER'S YEAST)//P32639
 F-PLACE4000261//PEREGRIN (BR140 PROTEIN)//5.0e-11:103:37//HOMO SAPIENS (HUMAN)//P55201
 F-PLACE4000269//INTRACELLULAR PROTEIN TRANSPORT PROTEIN USO1//0.037:181:25//SACCHARO-
 MYCES CEREVISIAE (BAKER'S YEAST)//P25386
 40 F-PLACE4000270//COAGULATION FACTOR VII PRECURSOR (EC 3.4.21.21)//1.0:46:39//MUS MUSCULUS
 (MOUSE)//P70375
 F-PLACE4000300//50S RIBOSOMAL PROTEIN L32//0.81:28:46//THERMUS AQUATICUS (SUBSP. THER-
 MOPHILUS)//P80339
 F-PLACE4000320//FKBP-RAPAMYCIN ASSOCIATED PROTEIN (FRAP) (RAPAMYCIN TARGET PROTEIN)//
 45 1.6e-29:44:93//HOMO SAPIENS (HUMAN)//P42345
 F-PLACE4000323
 F-PLACE4000326//PARATHYMOSIN//0.0018:54:48//HOMO SAPIENS (HUMAN)//P20962
 F-PLACE4000344//EPIDERMAL GROWTH FACTOR (EGF) (FRAGMENT)//0.97:28:42//SUS SCROFA (PIG)//
 Q00968
 50 F-PLACE4000367//NEUROTOXIN 1 (TOXIN SHP-I) (SHNA) (NEUROTOXIN SHI)//1.0:33:36//STOICHACTIS
 HELIANTHUS (CARRIBEAN SEA ANEMONE) (STICHODACTYLA HELIANTHUS)//P19651
 F-PLACE4000369//EXTENSIN PRECURSOR (PROLINE-RICH GLYCOPROTEIN)//0.071:42:42//SORGHUM
 VULGARE (SORGHUM)//P24152
 F-PLACE4000379//!!!! ALU SUBFAMILY SP WARNING ENTRY !!!!!/1.4e-16:54:77//HOMO SAPIENS (HUMAN)//
 55 P39193
 F-PLACE4000387//PHOTOSYSTEM II 4 KD REACTION CENTRE PROTEIN PRECURSOR//0.25:21:52//HOR-
 DEUM VULGARE (BARLEY), AND SECALE CEREALE (RYE)//P25877
 F-PLACE4000392//FERROCHELATASE (EC 4.99.1.1) (PROTOHEME FERRO-LYASE) (HEME SYNTHETASE)

(FRAGMENT)//0.91:36:50//YERSINIA PSEUDOTUBERCULOSIS//Q05338
 F-PLACE4000401//!!!! ALU SUBFAMILY SQ WARNING ENTRY !!!!!//4.4e-29:96:67//HOMO SAPIENS (HUMAN)//
 P39194
 5 F-PLACE4000411//!!!! ALU SUBFAMILY J WARNING ENTRY !!!!!//2.3e-18:41:73//HOMO SAPIENS (HUMAN)//
 P39188
 F-PLACE4000431//PRE-MRNA SPLICING HELICASE BRR2 (EC 3.6.1.-)//5.4e-21:237:33//SACCHAROMYCES
 CEREVISIAE (BAKER'S YEAST)//P32639
 F-PLACE4000445//HYPOTHETICAL 99.7 KD PROTEIN IN SDL1 5'REGION PRECURSOR//0.00081:210:26//
 SACCHAROMYCES CEREVISIAE (BAKER'S YEAST)//P40442
 10 F-PLACE4000450//TRANSCRIPTION FACTOR HBP-1A (HISTONE-SPECIFIC TRANSCRIPTION FACTOR
 HBP1)//0.020:87:33//TRITICUM AESTIVUM (WHEAT)//P23922
 F-PLACE4000465//METALLOTHIONEIN-IL (MT-1L) (MT1X)//0.20:18:38//HOMO SAPIENS (HUMAN)//P80297
 F-PLACE4000487//!!!! ALU SUBFAMILY J WARNING ENTRY !!!!!//1.5e-19:73:52//HOMO SAPIENS (HUMAN)//
 P39188
 15 F-PLACE4000489
 F-PLACE4000494//NPC DERIVED PROLINE RICH PROTEIN 1* (NDPP-1)//0.17:130:30//MUS MUSCULUS
 (MOUSE)//Q03173
 F-PLACE4000521//RETROVIRUS-RELATED POL POLYPROTEIN [CONTAINS REVERSE TRANSCRIPTASE
 (EC 2.7.7.49); ENDONUCLEASE] (FRAGMENT)//3.0e-05:50:36//MUS MUSCULUS (MOUSE)//P10400
 20 F-PLACE4000522//NEUROGENIC LOCUS NOTCH HOMOLOG PROTEIN 1 PRECURSOR//1.8e-45:231:47//
 RATTUS NORVEGICUS (RAT)//Q07008
 F-PLACE4000548//CYTOCHROME C-551 (C551)//0.96:50:34//ECTOTHIORHODOSPIRA HALOPHILA//
 P00122
 F-PLACE4000558//PROBABLE UBIQUITIN CARBOXYL-TERMINAL HYDROLASE FAF (EC 3.1.2.15) (UBIQUI-
 25 TIN THIOLESTERASE FAF) (UBIQUITIN-SPECIFIC PROCESSING PROTEASE FAF) (DEUBIQUITINATING EN-
 ZYME FAF) (FAT FACETS PROTEIN)//1.6e-28:223:36//DROSOPHILA MELANOGASTER (FRUIT FLY)//P55824
 F-PLACE000581//P-SELECTIN PRECURSOR (GRANULE MEMBRANE PROTEIN 140) (GMP-140) (PADGEM)
 (CD62P) (LEUKOCYTE-ENDOTHELIAL CELL ADHESION MOLECULE 3) (LECAM3)//9.7e-11:166:281//HOMO
 SAPIENS (HUMAN)//P16109
 30 F-PLACE4000590//POL POLYPROTEIN [CONTAINS: PROTEASE (EC 3.4.23.-); REVERSE TRANSCRIPTASE
 (EC 2.7.7.49); ENDONUCLEASE)//1.6e-17:134:35//GIBBON APE LEUKEMIA VIRUS//P21414
 F-PLACE4000593//GONADOTROPIN-RELEASING HORMONE RECEPTOR (GNRH-R)//1.0:54:29//RATTUS
 NORVEGICUS (RAT)//P30969
 35 F-PLACE4000612//GAG POLYPROTEIN [CONTAINS: CORE PROTEIN P15; INNER COAT PROTEIN P12;
 CORE SHELL PROTEIN P30]//2.6e-14:221:32//MOLONEY MURINE SARCOMA VIRUS (STRAIN TS110)//
 P32594
 F-PLACE4000638//HYPOTHETICAL 9.3 KD PROTEIN IN NRDB-INAA INTERGENIC REGION//0.65:37:40//ES-
 CHERICHIA COLI//P37910
 F-PLACE4000650//ZINC FINGER PROTEIN 16 (ZINC FINGER PROTEIN KOX9) (FRAGMENT)//1.0:33:33//HO-
 40 MO SAPIENS (HUMAN)//P17020
 F-PLACE4000654
 F-PLACE4000670//HYPOTHETICAL 44.1 KD PROTEIN IN RPB5-CDC28 INTERGENIC REGION//1.6e-07:161:
 25//SACCHAROMYCES CEREVISIAE (BAKER'S YEAST)//P33313
 F-SKNMC1000011//PUTATIVE IMPORTIN BETA-4 SUBUNIT (KARYOPHERIN BETA-4 SUBUNIT)//7.4e-15:223:
 45 31//SCHIZOSACCHAROMYCES POMBE (FISSION YEAST)//O60100
 F-SKNMC1000013//TRANSCRIPTION FACTOR BF-2 (BRAIN FACTOR 2) (BF2) (CBF-2) (T-14-6)//0.0013:128:
 35//GALLUS GALLUS (CHICKEN)//Q98937
 F-SKNMC1000046//CUTICLE COLLAGEN 1//0.0010:154:33//CAENORHABDITIS ELEGANS//P08124
 F-SKNMC1000050//CALPAIN 2, LARGE [CATALYTIC] SUBUNIT (EC 3.4.22.17) (CALCIUM-ACTIVATED NEU-
 50 TRAL PROTEINASE) (CANP) (M-TYPE)//3.2e-41:87:98//HOMO SAPIENS (HUMAN)//P17655
 F-SKNMC1000091//NTAK PROTEIN (NEURAL- AND THYMUS-DERIVED ACTIVATOR FOR ERBB KINASES)//
 0.0032:154:35//HOMO SAPIENS (HUMAN)//O14511
 F-THYRO1000017//PUTATIVE PYRIDOXAMINE 5'-PHOSPHATE OXIDASE (EC 1.4.3.5) (PNP/PMP OXI-
 DASE)//1.6e-23:124:37//CAENORHABDITIS ELEGANS//Q20939
 55 F-THYRO1000026//!!!! ALU SUBFAMILY SC WARNING ENTRY !!!!!//3.0e-13:54:66//HOMO SAPIENS (HUMAN)//
 P39192
 F-THYRO1000034//HYPOTHETICAL 10.4 KD PROTEIN//0.16:44:34//HEPATITIS B VIRUS (SUBTYPE AYW)//
 P03163

- F-THYRO1000035//CAMPATH-1 ANTIGEN PRECURSOR (CD52 ANTIGEN) (CDW52) (CAMBRIDGE PATHOL-
OGY 1 ANTIGEN)//0.83:59:37//MACACA FASCICULARIS (CRAB EATING MACAQUE) (CYNOMOLGUS MON-
KEY)//P32763
- 5 F-THYRO1000040//60S RIBOSOMAL PROTEIN L37 (FRAGMENT)//0.25:23:39//BOS TAURUS (BOVINE)//
P79244
- F-THYRO1000070//HYPOTHETICAL 29.3 KD PROTEIN (ORF92)//2.3e-11:133:36//ORGYIA PSEUDOTSUGA-
TA MULTICAPSID POLYHEDROSIS VIRUS (OPMNPV)//O10341
- F-THYRO1000072//C-PROTEIN, SKELETAL MUSCLE SLOW-ISOFORM//1.5e-14:205:29//HOMO SAPIENS
(HUMAN)//Q00872
- 10 F-THYRO1000085
- F-THYRO1000092//SPERM MITOCHONDRIAL CAPSULE SELENOPROTEIN (MCS)//0.063:59:33//HOMO SA-
PIENS (HUMAN)//P49901
- F-THYRO1000107
- F-THYRO1000111//LINE-1 REVERSE TRANSCRIPTASE HOMOLOG//5.0e-58:110:67//NYCTICEBUS COU-
CANG (SLOW LORIS)//P08548
- 15 F-THYRO1000121//SPLICEOSOME ASSOCIATED PROTEIN 62 (SAP 62) (SF3A66)//2.6e-06:134:35//MUS
MUSCULUS (MOUSE)//Q62203
- F-THYRO1000124//TENECIN 3 PRECURSOR//0.047:76:35//TENEBRIO MOLITOR (YELLOW MEALWORM)//
Q27270
- 20 F-THYRO1000129//FBROSIN (FRAGMENT)//0.35:43:34//MUS MUSCULUS (MOUSE)//Q60791
- F-THYRO1000132//!!!! ALU SUBFAMILY J WARNING ENTRY!!!!//8.7e-14:104:42//HOMO SAPIENS (HUMAN)//
P39188
- F-THYRO1000156
- F-THYRO1000163//!!!! ALU SUBFAMILY SB WARNING ENTRY!!!!//3.7e-20:71:71//HOMO SAPIENS (HUMAN)//
P39189
- 25 F-THYRO1000173//CLATHRIN COAT ASSEMBLY PROTEIN AP47 (CLATHRIN COAT ASSOCIATED PROTEIN
AP47) (GOLGI ADAPTOR AP-1 47 KD PROTEIN) (HA1 47 KD SUBUNIT) (CLATHRIN ASSEMBLY PROTEIN
ASSEMBLY PROTEIN COMPLEX 1 MEDIUM CHAIN)//6.7e-88:216:76//MUS MUSCULUS (MOUSE)//P35585
- F-THYRO1000186//!!!! ALU SUBFAMILY SC WARNING ENTRY!!!!//2.9e-24:72:77//HOMO SAPIENS (HUMAN)//
P39192
- 30 F-THYRO1000187
- F-THYRO1000190//PROTEIN TRANSPORT PROTEIN SEC61 BETA 2 SUBUNIT//0.060:50:42//SACCHARO-
MYCES CEREVISIAE (BAKER'S YEAST)//P52871
- F-THYRO1000197
- 35 F-THYRO1000199//HYPOTHETICAL 49.8 KD PROTEIN D2007.5 IN CHROMOSOME III//2.0e-06:88:35//
CAENORHABDITIS ELEGANS//34379
- F-THYRO1000206
- F-THYRO1000221
- F-THYRO1000241//HYPOTHETICAL 11.8 KD PROTEIN IN HE65-PK2 INTERGENIC REGION//1.0:51:35//
AUTOGRAPHIA CALIFORNICA NUCLEAR POLYHEDROSIS VIRUS (ACMNPV)//P41661
- 40 F-THYRO1000242//ZINC FINGER PROTEIN 84 (ZINC FINGER PROTEIN HPF2)//7.4e-37:137:36//HOMO SA-
PIENS (HUMAN)//P51523
- F-THYRO1000253//DNA-BINDING P52/P100 COMPLEX, 100 KD SUBUNIT (FRAGMENTS)//0.11:21:52//HO-
MO SAPIENS (HUMAN)//P30808
- 45 F-THYRO1000270//WDNM1 PROTEIN PRECURSOR//0.40:52:32//MUS MUSCULUS (MOUSE)//Q62477
- F-THYRO1000279//BETA CRYSTALLIN A4//0.97:64:26//BOS TAURUS (BOVINE)//P11842
- F-THYRO1000288//POTENTIAL CAAX PRENYL PROTEASE 1 (EC 3.4.24.-) (PRENYL PROTEIN- SPECIFIC
ENDOPROTEASE 1) (PPSEP 1)//3.4e-48:142:42//SCHIZOSACCHAROMYCES POMBE (FISSION YEAST)//
Q10071
- 50 F-THYRO1000320//ZINC FINGER PROTEIN 14 (ZFP-14) (KROX-9 PROTEIN) (FRAGMENT)//0.87:35:45//MUS
MUSCULUS (MOUSE)//P10755
- F-THYRO1000327//HYPOTHETICAL 64.7 KD PROTEIN F26E4.11 IN CHROMOSOME I//0.00010:75:26//
CAENORHABDITIS ELEGANS//P90859
- F-THYRO1000343//CHROMOGRANIN A PRECURSOR (CGA) [CONTAINS: PANCREASTATIN; BETA-GRANIN;
WE-14]//0.88:107:26//MUS MUSCULUS (MOUSE)//P26339
- 55 F-THYRO1000358//SELENIUM-BINDING LIVER PROTEIN//4.6e-25:49:81//MUS MUSCULUS (MOUSE)//
P17563
- F-THYRO1000368//LOCOMOTION-RELATED PROTEIN HIKARU GENKI PRECURSOR//1.0:136:26//DRO-

SOPHILA MELANOGASTER (FRUIT FLY) //Q09101
 F-THYRO1000381//GAG POLYPROTEIN [CONTAINS: CORE PROTEIN P15; INNER COAT PROTEIN P12;
 CORE SHELL PROTEIN P30; NUCLEOPROTEIN P10] //0.032:99:35//SIMIAN SARCOMA VIRUS //P03330
 5 F-THYRO1000387//ATP SYNTHASE PROTEIN 8 (EC 3.6.1.34) (A6L) //0.90:46:30//HALICHOERUS GRYPUS
 (GRAY SEAL) //P38592
 F-THYRO1000394//SMALL PROLINE RICH PROTEIN II (SPR-II) (CLONE 930) //0.00019:48:37//HOMO SAPI-
 ENS (HUMAN) //P22531
 F-THYRO1000395//RING CANAL PROTEIN (KELCH PROTEIN) //1.2e-33:186:38//DROSOPHILA MELA-
 NOGASTER (FRUIT FLY) //Q04652
 10 F-THYRO1000401//50S RIBOSOMAL PROTEIN L7/L12 (FRAGMENT) //0.57:67:31//STAPHYLOCOCCUS AU-
 REUS //P48860
 F-THYRO1000438//ATP SYNTHASE PROTEIN 8 (EC 3.6.1.34) (A6L) //1.0:42:38//STRONGYLOCENTROTUS
 PURPURATUS (PURPLE SEA URCHIN) //P15997
 F-THYRO1000452//BACTERIOCIN CARNOBACTERIOCIN A PRECURSOR (PISCICOLIN 61) //0.31:34:44//
 15 CARNOBACTERIUM PISCICOLA //P38578
 F-THYRO1000471//!!!! ALU SUBFAMILY SQ WARNING ENTRY !!!!! //2.1e-31:94:72//HOMO SAPIENS (HUMAN) //
 P39194
 F-THYRO1000484//!!!! ALU SUBFAMILY SX WARNING ENTRY !!!!! //5.9e-08:30:86//HOMO SAPIENS (HUMAN) //
 P39195
 20 F-THYRO1000488//EARLY NODULIN 55-2 PRECURSOR (N-55-2) (NODULIN-315) //0.93:98:27//GLYCINE MAX
 (SOYBEAN) //Q02917
 F-THYRO1000501//DOWN REGULATORY PROTEIN OF INTERLEUKIN 2 RECEPTOR //2.4e-51:198:50//MUS
 MUSCULUS (MOUSE) //P15533
 F-THYRO1000502//HUNCHBACK PROTEIN (FRAGMENT) //0.84:41:43//APIS MELLIFERA (HONEYBEE) //
 25 P31504
 F-THYRO1000505//HYPOTHETICAL BHLF1 PROTEIN //0.99:231:33//EPSTEIN-BARR VIRUS (STRAIN B95-8)
 (HUMAN HERPESVIRUS 4) //P03181
 F-THYRO1000558//ANTITHROMBIN-III PRECURSOR (ATIII) (FRAGMENT) //0.47:58:37//GALLUS GALLUS
 (CHICKEN) //Q03352
 30 F-THYRO1000569//COLLAGEN ALPHA 1(I) CHAIN (FRAGMENTS) //0.00048:64:42//RATTUS NORVEGICUS
 (RAT) //P02454
 F-THYRO1000570//HYPOTHETICAL 11.6 KD PROTEIN IN ACS1-GCV3 INTERGENIC REGION //0.94:61:32//
 SACCHAROMYCES CEREVISIAE (BAKER'S YEAST) //P39725
 F-THYRO1000585//SPLICING FACTOR, ARGININE/SERINE-RICH 6 (PRE-MRNA SPLICING FACTOR
 35 SRP55) //0.050:104:36//HOMO SAPIENS (HUMAN) //Q13247
 F-THYRO1000596//INFECTED CELL PROTEIN ICP34.5 (NEUROVIRULENCE FACTOR ICP34.5) //0.99:37:40//
 HERPES SIMPLEX VIRUS (TYPE 1 / STRAIN MGH-10) //P37319
 F-THYRO1000602//EAMZP30-47 PROTEIN (FRAGMENT) //0.88:61:34//EIMERIA ACERVULINA //P21959
 F-THYRO1000605//SUPPRESSOR PROTEIN SRP40 //0.0016:116:26//SACCHAROMYCES CEREVISIAE
 40 (BAKER'S YEAST) //P32583
 F-THYRO1000625//!!!! ALU SUBFAMILY SQ WARNING ENTRY !!!!! //3.4e-33:88:78//HOMO SAPIENS (HUMAN) //
 P39194
 F-THYRO1000637//METALLOTHIONEIN A (MT A) //1.0:23:43//SPARUS AURATA (GILT HEAD SEA BREAM) //
 P52727
 45 F-THYRO1000641//PHOTOSYSTEM II 10 KD PHOSPHOPROTEIN //0.99:26:46//CYANIDIUM CALDARIUM
 (GALDIERIA SULPHURARIA) //O19925
 F-THYRO1000658//!!!! ALU SUBFAMILY SB WARNING ENTRY !!!!! //1.5e-49:116:69//HOMO SAPIENS (HU-
 MAN) //P39189
 F-THYRO1000662//DNA-DAMAGE-INDUCIBLE PROTEIN P //3.7e-15:119:43//ESCHERICHIA COLI //Q47155
 50 F-THYRO1000666//KINESIN-LIKE PROTEIN KLP1 //1.0e-44:232:41//CHLAMYDOMONAS REINHARDTII //
 P46870
 F-THYRO1000676//!!!! ALU SUBFAMILY SP WARNING ENTRY !!!!! //2.1e-15:144:39//HOMO SAPIENS (HU-
 MAN) //P39193
 F-THYRO1000684//HYPOTHETICAL 73.5 KD PROTEIN IN SCS3-RPS2 INTERGENIC REGION //0.00033:84:
 55 30//SACCHAROMYCES CEREVISIAE (BAKER'S YEAST) //P53129
 F-THYRO1000699//!!!! ALU SUBFAMILY SC WARNING ENTRY !!!!! //0.97:20:85//HOMO SAPIENS (HUMAN) //
 P39192
 F-THYRO1000712//!!!! ALU SUBFAMILY J WARNING ENTRY !!!!! //4.2e-10:69:59//HOMO SAPIENS (HUMAN) //

P39188

F-THYRO1000715//SALIVARY PROLINE-RICH PROTEIN PRECURSOR (CLONES CP3, CP4 AND CP5) [CONTAINS: BASIC PEPTIDE IB-6; PEPTIDE P-H]//4.6e-10:204:32//HOMO SAPIENS (HUMAN)//P04280

F-THYRO1000734

F-THYRO1000748//HYPOTHETICAL PROTEIN KIAA0411 (FRAGMENT)//1.8e-46:130:70//HOMO SAPIENS (HUMAN)//O43295

F-THYRO1000756//ALPHA-N-ACETYL GALACTOSAMINIDE ALPHA-2,6-SIALYLTRANSFERASE (EC 2.4.99.-) (ST6GALNACIII) (STY)//1.1e-06:95:31//RATTUS NORVEGICUS (RAT)//Q64686

F-THYRO1000777//CUTICLE COLLAGEN 2C (FRAGMENT)//0.0031:119:34//HAEMONCHUS CONTORTUS//P16252

F-THYRO1000783//MYOSIN IC HEAVY CHAIN//0.0014:121:37//ACANTHAMOEBA CASTELLANII (AMOEBA)//P10569

F-THYRO1000787//HUNCHBACK PROTEIN (FRAGMENT)//0.54:25:52//PHOLCUS PHALANGIOIDES//Q02031

F-THYRO1000793//PRE-MRNA SPLICING FACTOR PRP9//0.91:3 0:36//SACCHAROMYCES CEREVISIAE (BAKER'S YEAST)//P19736

F-THYRO1000796

F-THYRO1000805//HYPOTHETICAL 7.3 KD PROTEIN IN 100 KD PROTEIN REGION//0.081:31:38//HUMAN ADENOVIRUS TYPE 41//P23691

F-THYRO1000815//!!!! ALU SUBFAMILY SX WARNING ENTRY !!!!!//6.0e-30:81:70//HOMO SAPIENS (HUMAN)//P39195

F-THYRO1000829//NEUROTOXIN III (BOM III)//0.022:32:34//BUTHUS OCCITANUS MARDOCHEI (MOROCCAN SCORPION)//P13488

F-THYRO1000843//HYPOTHETICAL 7.7 KD PROTEIN IN GENES 5-4 INTERGENIC REGION (ORF 109)//0.98:25:44//BACTERIOPHAGE P22//P26750

F-THYRO1000852//SULFATED SURFACE GLYCOPROTEIN:185 (SSG-185)//7.3e-09:83:42//VOLVOX CARTERI//P21997

F-THYRO1000855//ANTIFREEZE PEPTIDE 4 PRECURSOR//1:0:54:35//PSEUDOPLEURONECTA AMERICANUS (WINTER FLOUNDER)//P02734

F-THYRO1000865//!!!! ALU SUBFAMILY J WARNING ENTRY !!!!!//5.2e-17:66:57//HOMO SAPIENS (HUMAN)//P39188

F-THYRO1000895//!!!! ALU SUBFAMILY SB WARNING ENTRY !!!!!//1.0e-12:58:62//HOMO SAPIENS (HUMAN)//P39189

F-THYRO1000916//!!!! ALU SUBFAMILY SB WARNING ENTRY !!!!!//2.0e-32:101:69//HOMO SAPIENS (HUMAN)//P39189

F-THYRO1000926//NITROGEN FIXATION REGULATORY PROTEIN//5.5e-05:108:27//KLEBSIELLA OXYTOCA//P56267

F-THYRO1000934//PYRROLINE-5-CARBOXYLATE REDUCTASE (EC 1.5.1.2) (P5CR) (P5C REDUCTASE)//3.9e-50:147:40//HOMO SAPIENS (HUMAN)//P32322

F-THYRO1000951//DIHYDROXYACETONE KINASE (EC 2.7.1.29) (GLYCERONE KINASE)//1.8e-31:136:56//CITROBACTER FREUNDII//P45510

F-THYRO1000952//HYPOTHETICAL 182.0 KD PROTEIN IN NMD5-HOM6 INTERGENIC REGION//2.4e-05:91:34//SACCHAROMYCES CEREVISIAE (BAKER'S YEAST)//P47170

F-THYRO1000974//MITOCHONDRIAL ATP-DEPENDENT RNA HELICASE SUV3 PRECURSOR//1.0:35:40//SACCHAROMYCES CEREVISIAE (BAKER'S YEAST)//P32580

F-THYRO1000975

F-THYRO1000983//HYPOTHETICAL 48.1 KD PROTEIN B0403.2 IN CHROMOSOME X//1.3e-20:96:51//CAENORHABDITIS ELEGANS//Q11076

F-THYRO1000984//GTP-BINDING ADP-RIBOSYLATION FACTOR HOMOLOG 1 PROTEIN//0.011:76:34//DROSOPHILA MELANOGASTER (FRUIT FLY)//P25160

F-THYRO1000988

F-THYRO1001003//HYPOTHETICAL 8.1 KD PROTEIN IN MSCL-RPLQ INTERGENIC REGION//0.97:60:31//ESCHERICHIA COLI//P36675

F-THYRO1001031//!!!! ALU SUBFAMILY SX WARNING ENTRY !!!!!//9.5e-18:56:66//HOMO SAPIENS (HUMAN)//P39195

F-THYRO1001033//TRANSFORMATION-SENSITIVE PROTEIN IEF SSP 3521//5.0e-13:126:35//HOMO SAPIENS (HUMAN)//P31948

F-THYRO1001062//!!!! ALU SUBFAMILY SQ WARNING ENTRY !!!!!//1.1e-35:97:79//HOMO SAPIENS (HUMAN)//

P39194
 F-THYRO1001093//!!!! ALU SUBFAMILY SQ WARNING ENTRY !!!!!/6.4e-13:70:57//HOMO SAPIENS (HUMAN)//
 P39194
 F-THYRO1001100//ZINC FINGER X-LINKED PROTEIN ZXDA (FRAGMENT)//4.2e-63:219:63//HOMO SAPIENS
 5 (HUMAN)//P98168
 F-THYRO1001120//SPLICEOSOME ASSOCIATED PROTEIN 49 (SAP 49) (SF3B53)//0.00068:160:31//HOMO
 SAPIENS (HUMAN)//Q15427
 F-THYRO1001121//VERY HYPOTHETICAL 20.6 KD PROTEIN C56F8.15 IN CHROMOSOME I//0.37:158:28//
 SCHIZOSACCHAROMYCES POMBE (FISSION YEAST)//Q10263
 10 F-THYRO1001133//!!!! ALU SUBFAMILY J WARNING ENTRY !!!!!/7.3e-15:59:66//HOMO SAPIENS (HUMAN)//
 P39188
 F-THYRO1001134//SALIVARY PROLINE-RICH PROTEIN PO (ALLELE M) [CONTAINS: PEPTIDE P-D] (FRAG-
 MENT)//0.00088:159:29//HOMO SAPIENS (HUMAN)//P10161
 F-THYRO1001142//!!!! ALU SUBFAMILY SQ WARNING ENTRY !!!!!/3.0e-29:81:71//HOMO SAPIENS (HUMAN)//
 15 P39194
 F-THYRO1001173//CYTOCHROME C OXIDASE POLYPEPTIDE.VIIS (EC 1.9.3.1)//0.88:51:35//DICTYOSTEL-
 IUM DISCOIDEUM (SLIME MOLD)//P20610
 F-THYRO1001177//!!!! ALU SUBFAMILY SC WARNING ENTRY !!!!!/3.0e-24:91:68//HOMO SAPIENS (HUMAN)//
 P39192
 20 F-THYRO1001189//MKR2 PROTEIN (ZINC FINGER PROTEIN 2)//7.3e-27:165:39//MUS MUSCULUS
 (MOUSE)//P08043
 F-THYRO1001204//BASIC PROLINE-RICH PEPTIDE P-E (IB-9)//0.67:42:42//HOMO SAPIENS (HUMAN)//
 P02811
 F-THYRO1001213//!!!! ALU SUBFAMILY SQ WARNING ENTRY !!!!!/2.9e-16:61:68//HOMO SAPIENS (HUMM)//
 25 P39194
 F-THYRO1001262//!!!! ALU SUBFAMILY SP WARNING ENTRY !!!!!/1.4e-36:50:84//HOMO SAPIENS (HUMAN)//
 P39193
 F-THYRO1001271//HYPOTHETICAL 35.5 KD PROTEIN IN TRANSPOSON TN4556//0.62: 126:30//STREPTO-
 MYCES FRADIAE//P20186
 30 F-THYRO1001287//HYPOTHETICAL 91.2 KD PROTEIN IN RPS4B-SCH9 INTERGENIC REGION//1.9e-26:208:
 37//SACCHAROMYCES CEREVISIAE (BAKER'S YEAST)//P38888
 F-THYRO1001290//GIANT HEMOGLOBIN AIV CHAIN (FRAGMENT)//1.0:31:38//LAMELLIBRACHIA SP.
 (DEEP-SEA GIANT TUBE WORM)//P20413
 35 F-THYRO1001313//VACUOLAR PROTEIN SORTING-ASSOCIATED PROTEIN VPS5//0.00042:105:31//SAC-
 CHAROMYCES CEREVISIAE (BAKER'S YEAST)//Q92331
 F-THYRO1001320//COLLAGEN ALPHA 1(III) CHAIN//0.27:57:38//BOS TAURUS (BOVINE)//P04258
 F-THYRO1001321//!!!! ALU SUBFAMILY J WARNING ENTRY !!!!!/5.5e-20:74:64//HOMO SAPIENS (HUMAN)//
 P39188
 F-THYRO1001322//HYPOTHETICAL 7.2 KD PROTEIN//0.66:49:30//VACCINIA VIRUS (STRAIN COPENHA-
 40 GEN)//P21123
 F-THYRO1001347//TOXIN F-VIII PRECURSOR (TOXIN TA2) (TOXIN DAF8)//0.94:61:36//DENDROASPIS AN-
 GUSTICEPS (EASTERN GREEN MAMBA)//P01404
 F-THYRO1001363//!!!! ALU SUBFAMILY J WARNING ENTRY !!!!!/0.0025:23:73//HOMO SAPIENS (HUMAN)//
 P39188
 45 F-THYRO1001365//MERSACIDIN PRECURSOR//0.35:38:42//BACILLUS SP. (STRAIN HIL-Y85/54728)//
 P43683
 F-THYRO1001374//PROTEIN VLDL//1.6e- 3:140:31//HELICOBACTER PYLORI (CAMPYLOBACTER PY-
 LORI)//O05729
 F-THYRO1001401//!!!! ALU SUBFAMILY SC WARNING ENTRY !!!!!/0.047:43:48//HOMO SAPIENS (HUMAN)//
 50 P39192
 F-THYRO1001403
 F-THYRO1001405//SMALL PROLINE RICH PROTEIN II (SPR-II) (CLONE 930)//0.0068:26:42//HOMO SAPIENS
 (HUMAN)//P22531
 F-THYRO1001406//PUTATIVE STEROID DEHYDROGENASE KIK-I (EC 1.1.1.-)//3.1e-81:97:83//MUS MUSCU-
 55 LUS (MOUSE)//O70503
 F-THYRO1001411//!!!! ALU SUBFAMILY SP WARNING ENTRY !!!!!/1.9e-26:89:74//HOMO SAPIENS (HUMAN)//
 P39193
 F-THYRO1001426//!!!! ALU SUBFAMILY SP WARNING ENTRY !!!!!/1.4e-09:55:61//HOMO SAPIENS (HUMAN)//

P39193
 F-THYRO1001434//BETA-DEFENSIN 4 PRECURSOR (BNDB-4)//0.68:44:34//BOS TAURUS (BOVINE)//
 P46162
 5 F-THYRO1001458//MYOSIN HEAVY CHAIN, NONMUSCLE TYPE B (CELLULAR MYOSIN HEAVY CHAIN, TYPE
 B) (NMMHC-B)//3.8e-64:216:62//HOMO SAPIENS (HUMAN)//P35580
 F-THYRO1001480//!!!! ALU SUBFAMILY SQ WARNING ENTRY !!!!!/9.3e-29:88:75//HOMO SAPIENS (HUMAN)//
 P39194
 F-THYRO1001487//HOMEBOX PROTEIN HOX-B4 (HOX-2.6)//0.99:59:37//MUS MUSCULUS (MOUSE)//
 P10284
 10 F-THYRO1001534//!!!! ALU SUBFAMILY SQ WARNING ENTRY !!!!!/1.4e-14:40:82//HOMO SAPIENS (HUMAN)//
 P39194
 F-THYRO1001537//HYPOTHETICAL 33.8 KD PROTEIN IN TWT1-FLO5 INTERGENIC REGION//2.4e-07:142:
 32//SACCHAROMYCES CEREVISIAE (BAKER'S YEAST)//P38892
 F-THYRO1001541//!!!! ALU SUBFAMILY SX WARNING ENTRY !!!!!/0.98:26:61//HOMO SAPIENS (HUMAN)//
 15 P39195
 F-THYRO1001559//PROTEIN Q300//2.6e-05:20:75//MUS MUSCULUS (MOUSE)//Q02722
 F-THYRO1001570
 F-THYRO1001573//SPERM MITOCHONDRIAL CAPSULE SELENOPROTEIN (MCS)//0.033:71:36//MUS MUS-
 CULUS (MOUSE)//P15265
 20 F-THYRO1001584//SUPPRESSOR PROTEIN SRP40//2.1e-05:188:27//SACCHAROMYCES CEREVISIAE
 (BAKER'S YEAST)//P32583
 F-THYRO1001595//RAS SUPPRESSOR PROTEIN 1 (RSU-1) (RSP-1 PROTEIN) (RSP-1)//6.1e-21:35:91//HO-
 MO SAPIENS (HUMAN)//Q15404
 F-THYRO1001602//TRK SYSTEM POTASSIUM UPTAKE PROTEIN TRKH//1.0:57:42//HAEMOPHILUS INFLU-
 25 ENZAE//P44843
 F-THYRO1001605//VENOM BASIC PROTEASE INHIBITORS IX AND VIIIB//1.0:34:38//BUNGARUS FASCIA-
 TUS (BANDED KRAIT)//P25660
 F-THYRO1001617//!!!! ALU SUBFAMILY SQ WARNING ENTRY !!!!!/7.0e-18:55:81//HOMO SAPIENS (HUMAN)//
 P39194
 30 F-THYRO1001637//!!!! ALU SUBFAMILY SX WARNING ENTRY !!!!!/0.00020:25:80//HOMO SAPIENS (HU-
 MAN)//P39195
 F-THYRO1001656//PROLINE-RICH PROTEIN MP-2 PRECURSOR//0.0091:54:42//MUS MUSCULUS
 (MOUSE)//P05142
 F-THYRO1001661//HYPOTHETICAL 21.1 KD PROTEIN IN SSR-SERA INTERGENIC REGION (O182)//0.033:
 35 77:35//ESCHERICHIA COLI//P09160
 F-THYRO1001671//((2'-5')OLIGOADENYLATE SYNTHETASE 1 (EC 2.7.7.-) ((2'-5')OLIGO(A) SYNTHETASE 1)
 (2-5A SYNTHETASE 1) (P46/P41) (E18/E16)//4.3e-34:207:34//HOMO SAPIENS (HUMAN)//P00973
 F-THYRO1001673//!!!! ALU SUBFAMILY SQ WARNING ENTRY !!!!!/3.9e-08:49:65//HOMO SAPIENS (HUMAN)//
 P39194
 40 F-THYRO1001703//HYPOTHETICAL 69.8 KD PROTEIN IN BDF1-SFP1 INTERGENIC REGION//6.4e-16:134:
 35//SACCHAROMYCES CEREVISIAE (BAKER'S YEAST)//Q06053
 F-THYRO1001706
 F-THYRO1001721//RING CANAL PROTEIN (KELCH PROTEIN)//2.7e-27:191:36//DROSOPHILA MELA-
 NOGASTER (FRUIT FLY)//Q04652
 45 F-THYRO1001738//MATING PROCESS PROTEIN MID2 (SERINE-RICH PROTEIN SMS1) (PROTEIN KINASE
 A INTERFERENCE PROTEIN)//0.0032:105:32//SACCHAROMYCES CEREVISIAE (BAKER'S YEAST)//P36027
 F-THYRO1001745
 F-THYRO1001746//GENE 10 PROTEIN//1.0:55:30//SPIROPLASMA VIRUS SPV1-R8A2 B//P15901
 F-THYRO1001772//!!!! ALU SUBFAMILY J WARNING ENTRY !!!!!/1.2e-05:41:63//HOMO SAPIENS (HUMAN)//
 50 P39188
 F-THYRO1001793//HYPOTHETICAL 21.6 KD PROTEIN F37A4.2 IN CHROMOSOME III//1.5e-26:161:42//
 CAENORHABDITIS ELEGANS//P41880
 F-THYRO1001809//LATENCY-RELATED PROTEIN 2//0.49:74:27//HERPES SIMPLEX VIRUS (TYPE 1 /
 STRAIN F)//P17589
 55 F-THYRO1001828//PROTEINASE INHIBITOR//0.11:34:50//SOLANUM MELONGENA (EGGPLANT) (AUBER-
 GINE)//P01078
 F-THYRO1001854//ACYL-COA-BINDING PROTEIN HOMOLOG (ACBP) (DIAZEPAM BINDING INHIBITOR HO-
 MOLOG) (DBI)//0.63:50:38//RANA RIDIBUNDA (LAUGHING FROG) (MARSH FROG)//P45883

F-THYRO1001895//!!!! ALU SUBFAMILY J WARNING ENTRY!!!!//6.1e-09:72:47//HOMO SAPIENS (HUMAN)//
 P39188
 F-THYRO1001907//TRYPOMASTIGOTE DECAY-ACCELERATING FACTOR (T-DAF) (FRAGMENT)//0.79:36:
 44//TRYPANOSOMA CRUZI//Q26327
 5 F-VESEN1000122//HOMEBOX PROTEIN HB9//0.57:64:32//HOMO SAPIENS (HUMAN)//P50219
 F-Y79AA1000013//METALLOTHIONEIN B (MT-B)//0.034:35:48//SALMO SALAR (ATLANTIC SALMON)//
 P52720
 F-Y79AA1000033//CHOLECYSTOKININ//0.97:49:30//PSEUDEMYD SCRIPTA (SLIDER TURTLE)//P80345
 F-Y79AA1000037//DNA-BINDING PROTEIN BMI-1//1.4e-23:80:60//HOMO SAPIENS (HUMAN)//P35226
 10 F-Y79AA1000059//HYPOTHETICAL 35.5 KD PROTEIN IN TRANSPOSON TN4556//0.0075:127:36//STREPTO-
 MYCES FRADIAE//P20186
 F-Y79AA1000065//SALIVARY PROLINE-RICH PROTEIN PO (ALLELE K) [CONTAINS: PEPTIDE P-D] (FRAG-
 MENT)//0.022:135:29//HOMO SAPIENS (HUMAN)//P10162
 F-Y79AA1000131//REGULATORY PROTEIN E2//1.1e-05:175:26//HUMAN PAPILLOMAVIRUS TYPE 24//
 15 P50770
 F-Y79AA1000181//PROLINE-RICH PROTEIN MP-3 (FRAGMENT)//1.4e-06:187:29//MUS MUSCULUS
 (MOUSE)//P05143
 F-Y79AA1000202//HYPOTHETICAL PROLINE-RICH PROTEIN (FRAGMENT)//6.2e-09:47:53//OWENIA FUSI-
 FORMIS//P21260
 20 F-Y79AA1000214//HISTONE H2A VARIANT//1.7e-50:107:100//GALLUS GALLUS (CHICKEN)//P02272
 F-Y79AA1000230//GONADOLIBERIN I PRECURSOR (LHRH I) (LUTEINIZING HORMONE RELEASING HOR-
 MONE I) (GONADOTROPIN RELEASING HORMONE I) (GNRH I) (LULIBERIN I)//0.27:64:34//HOMO SAPIENS
 (HUMAN)//P01148
 F-Y79AA1000231//HYPOTHETICAL 47.9 KD PROTEIN M021B04.12//2.5e-72:277:53//ARABIDOPSIS THAL-
 25 IANA (MOUSE-EAR CRESS)//O04658
 F-Y79AA1000258//PROLINE-RICH PROTEIN MP-2 PRECURSOR//2.8e-08:174:35//MUS MUSCULUS
 (MOUSE)//P05142
 F-Y79AA1000268//COLLAGEN ALPHA 1(III) CHAIN (FRAGMENT)//0.00020:176:33//RATTUS NORVEGICUS
 (RAT)//P13941
 30 F-Y79AA1000313//HYPOTHETICAL 54.0 KD PROTEIN C32A3.1 IN CHROMOSOME III//0.092:127:21//
 CAENORHABDITIS ELEGANS//Q09260
 F-Y79AA1000328//SEL-10 PROTEIN//5.3e-05:129:28//CAENORHABDITIS ELEGANS//Q93794
 F-Y79AA1000342//KERATIN, ULTRA HIGH-SULFUR MATRIX PROTEIN (UHS KERATIN)//1.0:73:30//OVIS AR-
 35 IES (SHEEP)//P26372
 F-Y79AA1000346//COATOMER GAMMA SUBUNIT (GAMMA-COAT PROTEIN) (GAMMA-COP)//1.8e-95:205:
 83//BOS TAURUS (BOVINE)//P53620
 F-Y79AA1000349//ANTIFREEZE PEPTIDE 4 PRECURSOR//0.036:37:54//PSEUDOPLEURONECTA AMERI-
 CANUS (WINTER FLOUNDER)//P02734
 F-Y79AA1000355//HYPOTHETICAL 18.2 KD PROTEIN ZK632.13 IN CHROMOSOME III//0.0031:106:28//
 40 CAENORHABDITIS ELEGANS//Q10120
 F-Y79AA1000368//REDUCED VIABILITY UPON STARVATION PROTEIN 161//1.4e-16:208:28//SACCHARO-
 MYCES CEREVISIAE (BAKER'S YEAST)//P25343
 F-Y79AA1000405//LIGHT-HARVESTING PROTEIN B-800-850, ALPHA CHAIN C (ANTENNA PIGMENT PRO-
 TEIN, ALPHA CHAIN C) (LH II-C ALPHA)//0.98:50:30//RHODOPSEUDOMONAS PALUSTRIS//P35103
 45 F-Y79AA1000410//!!!! ALU SUBFAMILY SQ WARNING ENTRY!!!!//7.9e-20:62:79//HOMO SAPIENS (HUMAN)//
 P39194
 F-Y79AA1000420//HYPOTHETICAL 27.7 KD PROTEIN IN UME3-HDA1 INTERGENIC REGION//1.4e-06:86:38//
 SACCHAROMYCES CEREVISIAE (BAKER'S YEAST)//P53970
 F-Y79AA1000469//HYPOTHETICAL 48.4 KD PROTEIN F44B9.5 IN CHROMOSOME III//2.8e-34:211:40//
 50 CAENORHABDITIS ELEGANS//P34426
 F-Y79AA1000480//HYPOTHETICAL 63.2 KD PROTEIN C1F3.09 IN CHROMOSOME I//3.9e-15:90:32//
 SCHIZOSACCHAROMYCES POMBE (FISSION YEAST)//Q10414
 F-Y79AA1000538//!!!! ALU SUBFAMILY SX WARNING ENTRY!!!!//0.37:41:48//HOMO SAPIENS (HUMAN)//
 P39195
 55 F-Y79AA1000539//SPLICING FACTOR, ARGININE/SERINE-RICH 4 (PRE-MRNA SPLICING FACTOR SRP75)//
 1.8e-21:190:37//HOMO SAPIENS (HUMAN)//Q08170
 F-Y79AA1000540//SPERM PROTAMINE P1//0.00045:66:45//DASYURUS VIVERRINUS (SOUTHEASTERN
 QUOLL), AND DASYURUS HALLUCATUS//P42135

F-Y79AA1000560//ALPHA-ADAPTIN C (CLATHRIN ASSEMBLY-PROTEIN COMPLEX 2 ALPHA-C LARGE CHAIN) (100 KD COATED VESICLE PROTEIN C) (PLASMA MEMBRANE ADAPTOR HA2/AP2 ADAPTIN ALPHA C SUBUNIT) //1.6e-79:186:87//MUS MUSCULUS (MOUSE) //P17427
 F-Y79AA1000574//AKLAVINONE C-11 HYDROXYLASE (EC 1.1.1.1) (FRAGMENT) //0.010:35:60//STREPTOMYCES PEUCETIUS //P32009
 5 F-Y79AA1000589//32.3 KD PROTEIN IN CWP1-MBR1 INTERGENIC REGION //4.5e-27:197:36//SACCHAROMYCES CEREVISIAE (BAKER'S YEAST) //P28320
 F-Y79AA1000627//ZINC FINGER PROTEIN 134 //1.6e-34:191:35//HOMO SAPIENS (HUMAN) //P52741
 F-Y79AA1000705//HYPOTHETICAL 128.5 KD HELICASE IN ATS1-TPD3 INTERGENIC REGION //8.7e-36:250:40//SACCHAROMYCES CEREVISIAE (BAKER'S YEAST) //P31380
 10 F-Y79AA1000734//PEROXISOMAL MEMBRANE PROTEIN PMP30A (PMP31) (PEROXIN-11A) //0.00037:108:27//CANDIDA BOIDINII (YEAST) //Q00316
 F-Y79AA1000748//HYPOTHETICAL 61.3 KD PROTEIN F25B5.5 IN CHROMOSOME III //1.0e-23:210:34//CAENORHABDITIS ELEGANS //Q09316
 15 F-Y79AA1000752//PUTATIVE HETEROGENEOUS NUCLEAR RIBONUCLEOPROTEIN X (HNRNP X) (CBP) //1.4e-53:156:68//MUS MUSCULUS (MOUSE) //Q61990
 F-Y79AA1000774//HYPOTHETICAL 77.9 KD PROTEIN IN RRN10-MCM2 INTERGENIC REGION //1.2e-11:231:26//SACCHAROMYCES CEREVISIAE (BAKER'S YEAST) //P38205
 F-Y79AA1000782//CUTICLE COLLAGEN 2 //0.012:56:35//CAENORHABDITIS ELEGANS //P17656
 20 F-Y79AA1000784//HISTIDINE-RICH GLYCOPROTEIN PRECURSOR //1.3e-08:82:39//PLASMODIUM LOPHURAE //P04929
 F-Y79AA1000794//DNA-BINDING P52/P100 COMPLEX, 100 KD SUBUNIT (FRAGMENTS) //0.043:13:53//HOMO SAPIENS (HUMAN) //P30808
 F-Y79AA1000800//PRIA PROTEIN PRECURSOR //0.031:94:34//LENTINULA EDODES (SHIITAKE MUSHROOM) (LENTINUS EDODES) //Q01200
 25 F-Y79AA1000802//HYPOTHETICAL 67.4 KD PROTEIN IN RPS3-PSD1 INTERGENIC REGION //0.26:186:23//SACCHAROMYCES CEREVISIAE (BAKER'S YEAST) //P53882
 F-Y79AA1000805//AMP DEAMINASE (EC 3.5.4.6) (MYOADENYLATE DEAMINASE) //0.99:78:35//SCHIZOSACCHAROMYCES POMBE (FISSION YEAST) //P50998
 30 F-Y79AA1000824//HYPOTHETICAL 81.7 KD PROTEIN IN MOL1-NAT2 INTERGENIC REGION //3.4e-44:111:49//SACCHAROMYCES CEREVISIAE (BAKER'S YEAST) //P48234
 F-Y79AA1000827//HYPOTHETICAL BHLF1 PROTEIN //0.0046:187:33//EPSTEIN-BARR VIRUS (STRAIN B95-8) (HUMAN HERPESVIRUS 4) //P03181
 F-Y79AA1000833//TUBULIN ALPHA-1 CHAIN //1.0e-75:239:66//CRICETULUS GRISEUS (CHINESE HAMSTER) //P05209
 35 F-Y79AA1000850//SMALL PROLINE-RICH PROTEIN II (SPR-II) (CLONE 174N) //0.0078:57:31//HOMO SAPIENS (HUMAN) //P22532
 F-Y79AA1000962//MYOSIN HEAVY CHAIN, GIZZARD SMOOTH MUSCLE //8.5e-11:241:26//GALLUS GALLUS (CHICKEN) //P10587
 40 F-Y79AA1000966//ATP SYNTHASE A CHAIN (EC 3.6.1.34) (PROTEIN 6) //0.69:122:31//TRYPANOSOMA BRUCEI BRUCEI //P24499
 F-Y79AA1000968//TRANSLATION INITIATION FACTOR EIF-2B GAMMA SUBUNIT (EIF-2B GDP-GTP EXCHANGE FACTOR) //3.3e-102:211:93//RATTUS NORVEGICUS (RAT) //P70541
 F-Y79AA1000969//PROCOLLAGEN ALPHA 1(I) CHAIN PRECURSOR //1.0:67:38//GALLUS GALLUS (CHICKEN) //P02457
 45 F-Y79AA1000976//INVOLUCRIN //0.99:66:31//CEBUS ALBIFRONS (WHITE-FRONTED CAPUCHIN) //P24709
 F-Y79AA1000985//PERICENTRIN //1.1e-24:116:59//MUS MUSCULUS (MOUSE) //P48725
 F-Y79AA1001023//HYPOTHETICAL 105.9 KD PROTEIN IN AAC3-RFC5 INTERGENIC REGION //0.37:79:27//SACCHAROMYCES CEREVISIAE (BAKER'S YEAST) //P38250
 50 F-Y79AA1001041//SPERMATID-SPECIFIC PROTEIN T1 [CONTAINS: SPERM PROTAMINE SP1] //0.93:43:39//SEPIA OFFICINALIS (COMMON CUTTLEFISH) //P80001
 F-Y79AA1001048//ACYL-COA DEHYDROGENASE, VERY-LONG-CHAIN SPECIFIC PRECURSOR (EC 1.3.99.-) (VLCAD) //1.5e-51:211:52//BOS TAURUS (BOVINE) //P48818
 F-Y79AA1001061//ALU SUBFAMILY SQ WARNING ENTRY !!!! //3.8e-25:85:69//HOMO SAPIENS (HUMAN) //P39194
 55 F-Y79AA1001068//PROCOLLAGEN ALPHA 1(II) CHAIN PRECURSOR [CONTAINS: CHONDROCALCIN] //0.0015:207:33//MUS MUSCULUS (MOUSE) //P28481
 F-Y79AA1001077//ADULT-SPECIFIC RIGID CUTICULAR PROTEIN 11.9 (ACP 11.9) //0.99:36:41//ARANEUS DI-

ADEMATUS (SPIDER)//P80515

F-Y79AA1001078//HYPOTHETICAL 88.1 KD PROTEIN K02D10.1 IN CHROMOSOME III//1.0e-06:197:23//
CAENORHABDITIS ELEGANS //P34492

F-Y79AA1001105//HOMEODOMAIN PROTEIN OTX2//2.9e-62:163:79//MUS MUSCULUS (MOUSE)//P80206

5 F-Y79AA1001145//ALU SUBFAMILY SX WARNING ENTRY !!!!!/0.024:42:59//HOMO SAPIENS (HUMAN)//
P39195F-Y79AA1001167//HYPOTHETICAL 7.1 KD PROTEIN IN JAP2-VLF1 INTERGENIC REGION//0.96:20:50//
AUTOGRAPHAL CALIFORNICA NUCLEAR POLYHEDROSIS VIRUS (ACMNPV)//P4147110 F-Y79AA1001177//HYPOTHETICAL BHLF1 PROTEIN//3.9e-05:135:34//EPSTEIN-BARR VIRUS (STRAIN
B95-8) (HUMAN HERPESVIRUS 4)//P03181F-Y79AA1001185//PUTATIVE CUTICLE COLLAGEN C09G5.5//0.00017:93:38//CAENORHABDITIS ELE-
GANS//Q09456

F-Y79AA1001211

F-Y79AA1001216//TENSIN//0.012:134:32//GALLUS GALLUS (CHICKEN)//Q04205

15 F-Y79AA1001228//MUCIN 2 PRECURSOR (INTESTINAL MUCIN 2)//0.088:75:34//HOMO SAPIENS (HUMAN)//
Q02817F-Y79AA1001233//ESTRADIOL 17 BETA-DEHYDROGENASE 1 (EC 1.1.1.62) (17-BETA-HSD 1) (17-BETA-HY-
DROXYSTEROID DEHYDROGENASE 1)//1.1e-40:139:51//RATTUS NORVEGICUS (RAT)//P5165720 F-Y79AA1001236//HYPOTHETICAL 34.7 KD PROTEIN IN ORC2-TIP1 INTERGENIC REGION//2.0e-22:108:53//
SACCHAROMYCES CEREVISIAE (BAKER'S YEAST)//P38238

F-Y79AA1001281

F-Y79AA1001299//PROLINE-RICH PROTEIN MP-3 (FRAGMENT)//0.0022:49:44//MUS MUSCULUS
(MOUSE)//P0514325 F-Y79AA1001312//50S RIBOSOMAL PROTEIN L24, CHLOROPLAST PRECURSOR//0.98:117:25//ARABIDOP-
SIS THALIANA (MOUSE-EAR CRESS)//P92959F-Y79AA1001323//CORNIFIN (SMALL PROLINE-RICH PROTEIN I) (SPR-I) (SMALL PROLINE-RICH SQUA-
MOUS CELL MARKER) (SPRP)//0.082:44:40//SUS SCROFA (PIG)//P35323F-Y79AA1001384//APOLIPOPROTEIN C-III PRECURSOR (APO-CIII)//0.99:47:40//MUS MUSCULUS
(MOUSE)//P3362230 F-Y79AA1001391//HOMEODOMAIN PROTEIN HOX-A13 (HOX-13)//9.8e-58:157:62//HOMO SAPIENS (HUMAN)//
P31271

F-Y79AA1001394//TRICHOHYALIN//4.7e-08:121:36//HOMO SAPIENS (HUMAN)//Q07283

F-Y79AA1001402//ETS-DOMAIN TRANSCRIPTION FACTOR ERF//0.0087:81:33//MUS MUSCULUS
(MOUSE)//P7045935 F-Y79AA1001493//HYPOTHETICAL 48.1 KD PROTEIN B0403.2 IN CHROMOSOME X//4.5e-21:125:44//
CAENORHABDITIS ELEGANS//Q11076F-Y79AA1001511//HYPOTHETICAL 86.6 KD PROTEIN IN PFK1-TDS4 INTERGENIC REGION//2.3e-17:249:
31//SACCHAROMYCES CEREVISIAE (BAKER'S YEAST)//P5331340 F-Y79AA1001533//DNA-DIRECTED RNA POLYMERASE I49 KD POLYPEPTIDE (EC 2.7.7.6) (A49)//0.0099:
155:23//SACCHAROMYCES CEREVISIAE (BAKER'S YEAST)//Q01080

F-Y79AA1001541

F-Y79AA1001548//ALU SUBFAMILY SC WARNING ENTRY !!!!!/1.1e-17:53:83//HOMO SAPIENS (HUMAN)//
P39192

F-Y79AA1001555//MAJOR SURFACE ANTIGEN//0.046:62:29//HEPATITIS B VIRUS//P31873

45 F-Y79AA1001581//ACETYL-COENZYME A SYNTHETASE (EC 6.2.1.1) (ACETATE--COA LIGASE) (ACYL- AC-
TIVATING ENZYME)//8.6e-11:144:31//ESCHERICHIA COLI//P27550F-Y79AA1001585//SPERM MITOCHONDRIAL CAPSULE SELENOPROTEIN (MCS)//0.012:64:40//MUS MUS-
CULUS (MOUSE)//P15265

F-Y79AA1001594//CORNIFIN BETA//0.61:88:31//MUS MUSCULUS (MOUSE)//O09116

50 F-Y79AA1001603//TRANSCRIPTION INITIATION FACTOR TFIID 135 KD SUBUNIT (TAFII-135) (TAFII135)
(TAFII-130) (TAFII130)//0.024:170:30//HOMO SAPIENS (HUMAN)//O00268F-Y79AA1001613//ZINC FINGER PROTEIN 42 (MYELOID ZINC FINGER 1) (MZF-1)//4.5e-09:136:27//HOMO
SAPIENS (HUMAN)//P2869855 F-Y79AA1001647//HYPOTHETICAL 23.1 KD PROTEIN CY277.20C//0.093:94:26//MYCOBACTERIUM TUBER-
CULOSIS//P71779F-Y79AA1001665//HOMEODOMAIN PROTEIN DLX-2 (HOMEODOMAIN PROTEIN TES-1)//0.79:90:26//MUS MUSCU-
LUS (MOUSE)//P40764

F-Y79AA1001679//LAMBDA-CRYSTALLIN//1.6e-95:224:81//ORYCTOLAGUS CUNICULUS (RABBIT)//P14755

F-Y79AA1001692//GERM CELL-LESS PROTEIN//3.5e-08:78:38//DROSOPHILA MELANOGASTER (FRUIT FLY)//Q01820
 F-Y79AA1001696//INSULIN//1.0:33:27//ANGUILLA ROSTRATA (AMERICAN EEL)//P42633
 5 F-Y79AA1001705//HYPOTHETICAL BHLF1 PROTEIN//0.0013:192:33//EPSTEIN-BARR VIRUS (STRAIN B95-8) (HUMAN HERPESVIRUS 4)//P03181
 F-Y79AA1001711//PARATHYMOSIN (ZINC-BINDING 11.5 KD PROTEIN)//0.032:38:34//RATTUS NORVEGICUS (RAT)//P04550
 F-Y79AA1001781
 10 F-Y79AA1001805//VASODILATOR-STIMULATED PHOSPHOPROTEIN (VASP)//0.0063:128:30//HOMO SAPIENS (HUMAN)//P50552
 F-Y79AA1001827//SPERM PROTAMINE P1//0.015:45:40//DIDELPHIS MARSUPIALIS VIRGINIANA (NORTH AMERICAN OPOSSUM), AND MONODELPHIS DOMESTICA (SHORT-TAILED GREY OPOSSUM)//P35305
 F-Y79AA1001846//ALU SUBFAMILY J WARNING ENTRY!!!!//2.4e-09:42:73//HOMO SAPIENS (HUMAN)//P39188
 15 F-Y79AA1001848//KRUEPPEL PROTEIN (FRAGMENT)//1.8e-10:63:44//PSYCHODA CINEREA//Q02035
 F-Y79AA1001866//ZINC FINGER PROTEIN 90 (ZFP-90) (ZINC-FINGER PROTEIN NK10)//0.00036:108:37//MUS MUSCULUS (MOUSE)//Q61967
 F-Y79AA1001874//OX40L RECEPTOR PRECURSOR (ACT35 ANTIGEN) (TAX-TRANSCRIPTIONALLY ACTIVATED GLYCOPROTEIN-1 RECEPTOR) (CD134 ANTIGEN)//3.2e-07:100:35//HOMO SAPIENS (HUMAN)//P43489
 20 F-Y79AA1001875//B-CELL GROWTH FACTOR PRECURSOR (BCGF-12 KD)//0.020:25:64//HOMO SAPIENS (HUMAN)//P20931
 F-Y79AA1001923//SALIVARY PROLINE-RICH PROTEIN PO (ALLELE K) [CONTAINS: PEPTIDE P-D] (FRAGMENT)//0.016:83:36//HOMO SAPIENS (HUMAN)//P10162
 25 F-Y79AA1001963//PUTATIVE PRE-MRNA SPLICING FACTOR ATP-DEPENDENT RNA HELICASE SPAC10F6.02C//8.1e-13:94:47//SCHIZOSACCHAROMYCES POMBE (FISSION YEAST)//O42643
 F-Y79AA1002027//UBIQUITIN-CONJUGATING ENZYME E2-18.KD. (EC 6.3.2.19) (UBIQUITIN- PROTEIN LIGASE) (UBIQUITIN CARRIER PROTEIN) (PM42)//9.8e-39:143:52//ARABIDOPSIS THALIANA (MOUSE-EAR CRESS)//P42743
 30 F-Y79AA1002083//DNA-BINDING P52/P100 COMPLEX, 100.KD SUBUNIT (FRAGMENTS)//0.036:53:45//HOMO SAPIENS (HUMAN)//P30808
 F-Y79AA1002089//HYPOTHETICAL 49.1 KD PROTEIN F02A9.4 IN CHROMOSOME III//0.12:171:22//CAENORHABDITIS ELEGANS//P34384
 F-Y79AA1002093//MAX PROTEIN//3.1e-07:111:29//BRACHYDANIO RERIO (ZEBRAFISH) (ZEBRA DANIO)//P52161
 35 F-Y79AA1002103//SHORT NEUROTOXIN C//0.040:21:47//AIPYSURUS LAEVIS (OLIVE SEA SNAKE)//P19958
 F-Y79AA1002115//HYPOTHETICAL PROTEIN MJ0827//0.84:68:30//METHANOCOCCUS JANNASCHII//Q58237
 40 F-Y79AA1002125//HYPOTHETICAL 24.7 KD PROTEIN IN POM152-REC114 INTERGENIC REGION//3.4e-29:197:39//SACCHAROMYCES CEREVISIAE (BAKER'S YEAST)//P40206
 F-Y79AA1002139//DNAJ PROTEIN HOMOLOG 1 (DROJ1)//1.9e-19:120:45//DROSOPHILA MELANOGASTER (FRUIT FLY)//Q24133
 F-Y79AA1002204//TBX6 PROTEIN (T-BOX PROTEIN 6)//0.0011:162:32//MUS MUSCULUS (MOUSE)//P70327
 45 F-Y79AA1002208//ANKYRIN//2.9e-08:231:29//MUS MUSCULUS (MOUSE)//Q02357
 F-Y79AA1002209//TYROSYL-TRNA SYNTHETASE, MITOCHONDRIAL PRECURSOR (EC 6.1.1.1) (TYROSINE--TRNA LIGASE) (TYRRS)//3.7e-23:170:32//SACCHAROMYCES CEREVISIAE (BAKER'S YEAST)//P48527
 F-Y79AA1002210//CORNIFIN A (SMALL PROLINE-RICH PROTEIN IA) (SPR-IA) (SPRK)//0.0061:69:31//HOMO SAPIENS (HUMAN)//P35321
 50 F-Y79AA1002211//ALU SUBFAMILY SP WARNING ENTRY!!!!//9.2e-10:43:62//HOMO SAPIENS (HUMAN)//P39193
 F-Y79AA1002220
 F-Y79AA1002229//HYPOTHETICAL 60.7 KD PROTEIN C56F8.17C IN CHROMOSOME I//1.9e-21:147:40//SCHIZOSACCHAROMYCES POMBE (FISSION YEAST)//Q10264
 55 F-Y79AA1002234
 F-Y79AA1002246//MYOSIN IC HEAVY CHAIN//0.00066:131:34//ACANTHAMOEBA CASTELLANII (AMOEBA)//P10569

F-Y79AA1002258//HYPOTHETICAL 103.9 KD PROTEIN ZK370.3 IN CHROMOSOME III.//4.3e-45:164:48//
 CAENORHABDITIS ELEGANS //Q02328
 F-Y79AA1002298//SALIVARY PROLINE-RICH PROTEIN PO (ALLELE M) [CONTAINS: PEPTIDE P-D] (FRAG-
 5 MENT).//0.0063:99:31//HOMO SAPIENS (HUMAN).//P10161
 F-Y79AA1002307
 F-Y79AA1002311//HYPOTHETICAL 105.3 KD PROTEIN C01G6.5 IN CHROMOSOME III.//0.75:198:24//
 CAENORHABDITIS ELEGANS //P46012
 F-Y79AA1002351//CUTICLE COLLAGEN 34 //0.74:128:35//CAENORHABDITIS ELEGANS //P34687
 F-Y79AA1002361//GLC7-INTERACTING PROTEIN 2 //0.050:71:29//SACCHAROMYCES CEREVISIAE (BAK-
 10 ER'S YEAST).//P40036
 F-Y79AA1002399//NEUROMODULIN (AXONAL MEMBRANE PROTEIN GAP-43) (PP46) (B-50) (PROTEIN F1)
 (CALMODULIN-BINDING PROTEIN P-57).//1.0:89:30//CARASSIUS AURATUS (GOLDFISH).//P17691
 F-Y79AA1002407//HYPOTHETICAL 31.5 KD PROTEIN IN YGP1-YCK2 INTERGENIC REGION.//3.7e-16:232:
 28//SACCHAROMYCES CEREVISIAE (BAKER'S YEAST).//P53899
 15 F-Y79AA1002416//CTP SYNTHASE (EC 6.3.4.2) (UTP--AMMONIA LIGASE) (CTP SYNTHETASE).//6.7e-72:
 162:84//HOMO SAPIENS (HUMAN).//P17812
 F-Y79AA1002431//SMALL PROLINE RICH PROTEIN II (SPR-II) (CLONE 930).//0.81:34:41//HOMO SAPIENS
 (HUMAN).//P22531
 F-Y79AA1002433//CELL DIVISION CONTROL PROTEIN 68.//0.00024:85:27//SACCHAROMYCES CEREVI-
 20 SIAE (BAKER'S YEAST).//P32558
 F-Y79AA1002472//ZINC FINGER PROTEIN 35 (ZFP-35).//2.3e-60:217:44//MUS MUSCULUS (MOUSE).//
 P15620
 F-Y79AA1002482//ZINC FINGER PROTEIN 141.//2.0e-31:90:55//HOMO SAPIENS (HUMAN).//Q15928
 F-Y79AA1002487//HYPOTHETICAL 67.1 KD TRP-ASP REPEATS CONTAINING PROTEIN C57A10.05C IN
 25 CHROMOSOME I.//0.18:41:36//SCHIZOSACCHAROMYCES POMBE (FISSION YEAST).//P87053

Homology Search Result Data 2.

[0300] The result of the homology search of the GenBank using the clone sequence of 5'-end except EST and STS.

[0301] Data include

the name of clone,
 definition of the top hit data,
 the P-value: the length of the compared sequence: identity (%), and
 35 the Accession No. of the top hit data, as in the order separated by //

[0302] Data are not shown for the clones in which the P-value was higher than 1.

F-HEMBA1000005//Mouse tumor cell dnaJ-like protein 1 mRNA, complete cds.//3.4e-106:695:86//L16953
 F-HEMBA1000012//Caenorhabditis-elegans cosmid C16C10, complete sequence.//1.5e-24:374:66//Z46787
 40 F-HEMBA1000020//Homo sapiens beta 2 gene.//3.5e-112:529:90//X02344
 F-HEMBA1000030//Rattus norvegicus G protein-coupled receptor kinase-associated ADP ribosylation factor GT-
 Pase-activating protein (G1T1) mRNA, complete cds.//5.6e-124:743:88//AF085693
 F-HEMBA1000042//Human Chromosome 15q26.1 PAC clone pDJ460g16, WORKING DRAFT SEQUENCE, 3
 unordered pieces.//1.1e-25:529:65//AC004581
 45 F-HEMBA1000046//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 125I3, WORKING
 DRAFT SEQUENCE.//3.2e-11:330:63//AL033528
 F-HEMBA1000050//Homo sapiens DNA sequence from PAC 172K10 on chromosome 6q24. Contains STS, GSS
 and chromosome 6 fragment, complete sequence.//0.32:407:59//AL022477
 F-HEMBA1000076//Homo sapiens full-length insert cDNA clone ZB97G06.//6.2e-135:594:98//AF086182
 50 F-HEMBA1000111//CIT-HSP-2291M18.TF CIT-HSP Homo sapiens genomic clone 2291M18 genomic survey se-
 quence.//2.8e-16:132:79//AQ004134
 F-HEMBA1000129//Homo sapiens chromosome 17, clone HCIT48C15, complete sequence.//8.6e-98:230:93//
 AC003104
 F-HEMBA1000141//Homo sapiens mRNA for KIAA0797 protein, partial cds.//2.1e-167:791:98//AB018340
 55 F-HEMBA1000150//Homo sapiens mRNA for KIAA0788 protein, partial cds.//2.2e-44:242:96//AB018331
 F-HEMBA1000156//Rattus norvegicus scaffold attachment factor, B mRNA, complete cds.//1.1e-10:409:60//
 AF056324
 F-HEMBA1000158//Homo sapiens CAGH44 mRNA, partial cds.//1.6e-35:365:73//U80741

- F-HEMBA1000168//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 321D2, WORKING DRAFT SEQUENCE.//0.99:290:61//AL031033
- F-HEMBA1000180//rat u2 small nuclear rna gene and flanks.//3.7e-18:112:98//K00034
- F-HEMBA1000185
- 5 F-HEMBA1000193//Human FMR1 gene, 5' end.//0.0012:191:67//L19476
- F-HEMBA1000201//Human Ini1 mRNA, complete cds.//2.0e-73:440:92//U04847
- F-HEMBA1000213//Plasmodium falciparum MAL3P7, complete sequence.//0.90:332:59//AL034559
- F-HEMBA1000216//Mus musculus hypoxia inducible factor three alpha mRNA, complete cds.//4.8e-117:585:83//AF060194
- 10 F-HEMBA1000227//H.sapiens CpG island DNA genomic MseI fragment, clone 179h6, reverse read cpg179h6.rt1a.//1.9e-14:95:98//Z64921
- F-HEMBA1000231//H.sapiens CpG island DNA genomic MseI fragment, clone 90a5, reverse read cpg90a5.rt1a.//5.1e-34:186:97//Z56144
- F-HEMBA1000243//Human DNA sequence from PAC 440O21 on chromosome X contains ESTs and STS.//4.1e-67:291:82//Z84481
- 15 F-HEMBA1000244//M.musculus Ank-1 mRNA for erythroid ankydn.//0.029:316:59//X69065
- F-HEMBA1000251//Homo sapiens PAC clone DJ0988L12 from 7q11.23-q21.1, complete sequence.//0.35:467:60//AC004454
- F-HEMBA1000264
- 20 F-HEMBA1000280//Homo sapiens clone DJ0292L20, WORKING DRAFT SEQUENCE, 2 unordered pieces.//8.9e-20:218:78//AC004825
- F-HEMBA1000282//Homo sapiens chromosome Y, clone 264.M.20, complete sequence.//4.2e-08:134:77//AC004617
- F-HEMBA1000288//345L5.TPB CIT978SKA1 Homo sapiens, genomic clone A-345L05, genomic survey sequence.//1.1e-06:152:73//B17459
- 25 F-HEMBA1000290//Human ornithine decarboxylase gene, complete cds.//3.2e-11:507:62//M33764
- F-HEMBA1000302//CIT-HSP-2169N13.TF CIT-HSP Homo sapiens genomic clone 2169N13, genomic survey sequence.//5.4e-06:86:88//B90730
- F-HEMBA1000303//Mus musculus Plenty of SH3s (POSH) mRNA, complete cds.//7.9e-111:701:86//AF030131
- 30 F-HEMBA1000304//HS_3006_A1_A09_T7 CIT Approved Human Genomic Sperm Library D Homo sapiens genomic clone Plate=3006 Col=17 Row=A, genomic survey sequence.//5.2e-40:240:92//AQ118226
- F-HEMBA1000307//Mus musculus mRNA for CDV-1R protein.//7.9e-127:815:84//Y10495
- F-HEMBA1000327//HS_3124_B2_H08_MR CIT Approved Human Genomic Sperm Library D Homo sapiens genomic clone Plate=3124 Col=16 Row=P, genomic survey sequence.//1.4e-11:87:96//AQ187492
- 35 F-HEMBA1000333
- F-HEMBA1000338//Homo sapiens chromosome X, PAC 671D9, complete sequence.//4.0e-66:271:84//AF031078
- F-HEMBA1000351//Homo sapiens PAC clone DJ0649P17 from 7q11.23-q21, complete sequence.//0.64:334:60//AC004848
- F-HEMBA1000355//Pseudorabies virus serine/threonine kinase (ULPK) gene, partial cds and alkaline nuclease (AN) gene, complete cds.//0.017:313:63//U25056
- 40 F-HEMBA1000356//Oryctolagus cuniculus troponin T cardiac isoform mRNA, 3' end of cds.//0.87:198:61//L40178
- F-HEMBA1000357//HS_3194_A1_D05_MR CIT Approved Human Genomic Sperm Library D Homo sapiens genomic clone Plate=3194 Col=9 Row=G, genomic survey sequence.//6.5e-90:436:98//AQ173748
- F-HEMBA1000366//HS_3027_B2_G06_MF CIT Approved Human Genomic Sperm Library D Homo sapiens genomic clone Plate=3027 Col=12 Row=N, genomic survey sequence.//0.0074:192:64//AQ128843
- 45 F-HEMBA1000369//Human DNA sequence from clone 1039K5 on chromosome 22q12.3-13.2 Contains gene similar to PICK1 perinuclear binding protein, gene similar to monocarboxylate transporter (MCT3), ESTs, STS, GSS and a CpG island, complete sequence.//4.2e-106:133:99//AL031587
- F-HEMBA1000376//Homo sapiens chromosome 19, BAC CIT-B-393i15 (BC301323), complete sequence.//1.6e-22:659:63//AC006116
- 50 F-HEMBA1000387//Homo sapiens chromosome 12p13.3 clone RPC111-264F23, WORKING DRAFT SEQUENCE, 90 unordered pieces.//3.2e-06:136:75//AC006122
- F-HEMBA1000390//Homo sapiens BAC clone RG119C02 from 7p15, complete sequence.//3.5e-111:284:95//AC004520
- 55 F-HEMBA1000392//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 173D1, WORKING DRAFT SEQUENCE.//1.8e-39:332:80//AL031984
- F-HEMBA1000396//Human Xq13 3' end of PAC 92E23 containing the X inactivation transcript (XIST) gene, complete sequence.//9.5e-35:364:73//U80460

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F-HEMBA1000411//Human Xp22 contig of 3 PACS (R7-39D12, R7-134G1, R7-185L21) from the Roswell Park Cancer Institute, complete sequence.//8.1e-18:424:64//U96409

F-HEMBA1000418//Drosophila melanogaster Oregon-R mitochondrial A+T region.//0.0026:564:59//U11584

5 F-HEMBA1000422//Human DNA from chromosome 19 specific cosmid R30292, genomic sequence, complete sequence.//9.2e-14:232:70//AC003112

F-HEMBA1000428//Homo sapiens Xp22 BAC GSHB-590J6 (Genome Systems Human BAC library) complete sequence.//3.8e-37:408:69//AC004554

F-HEMBA1000434//Caenorhabditis elegans cosmid Y48E1B, complete sequence.//0.73:454:57//Z93393

F-HEMBA1000442

10 F-HEMBA1000456//RPCI11-30J5.TV RPCI-11 Homo sapiens genomic clone RPCI-11-30J5, genomic survey sequence.//6.3e-06:62:96//B85188

F-HEMBA1000459//Mus musculus hemin-sensitive initiation factor 2 alpha kinase mRNA, complete cds.//6.8e-70:580:79//AF028808

F-HEMBA1000460//Homo sapiens PAC clone DJ0593H12 from 7p31, complete sequence.//2.8e-154:746:98//AC004839

15 F-HEMBA1000464//Homo sapiens, clone hRPK.15_A_1, complete sequence.//4.8e-25:397:72//AC006213

F-HEMBA1000469//CIT-HSP-2167P21.TF CIT-HSP Homo sapiens genomic clone 2167P21, genomic survey sequence.//4.0e-83:406:99//B94160

F-HEMBA1000488//Homo sapiens Chromosome 22q11.2 PAC Clone p_m11 In BCRL2-GGT Region, complete sequence.//4.2e-53:312:93//AC004033

20 F-HEMBA1000490//Campylobacter jejuni groES, groEL genes.//0.59:451:62//Y13334

F-HEMBA1000491//Murine sarcoma virus (Harvey-strain) H-ras transforming p21 gene.//8.6e-06:338:58//X00740

F-HEMBA1000501//Homo sapiens chromosome 17, clone hRPK.264_B_14, complete sequence.//9.4e-41:591:69//AC005884

25 F-HEMBA1000504//Homo sapiens mRNA for osteoblast specific factor 2 (OSF-2os).//4.0e-07:57:100//D13666

F-HEMBA1000505

F-HEMBA1000508//*** SEQUENCING IN PROGRESS *** Homo sapiens chromosome 4, BAC clone C0135005; HTGS phase 1, WORKING DRAFT SEQUENCE, 23 unordered pieces.//0.035:329:61//AC004661

F-HEMBA1000518//Caenorhabditis elegans cosmid C17H12.//0.96:425:58//AF045642

30 F-HEMBA1000519//Homo sapiens Xp22 BAC GSHB-536K7 (Genome Systems Human BAC library) complete sequence.//1.6e-53:300:89//AC004616

F-HEMBA1000520//Homo sapiens clone DJ0813F11, WORKING DRAFT SEQUENCE, 5 unordered pieces.//1.7e-10:117:86//AC006006

F-HEMBA1000523

35 F-HEMBA1000531//Mus musculus Hsp70-related NST-1 (hsr.1) mRNA, complete cds.//3.9e-35:290:80//U08215

F-HEMBA1000534//Homo sapiens chromosome 17, clone hRPK.177_H_5, WORKING DRAFT SEQUENCE, 2 ordered pieces.//1.7e-36:328:77//AC005973

F-HEMBA1000540//Arabidopsis thaliana DNA chromosome 4, BAC clone F7K2 (ESSAll project).//0.057:265:63//AL033545

40 F-HEMBA1000542//Rattus norvegicus mRNA for dipeptidyl peptidase III, complete cds.//1.2e-110:572:88//D89340

F-HEMBA1000545//Human DNA from cosmid L27h9, Huntington's Disease Region, chromosome 4p16.3 contains CpG island.//7.5e-130:780:89//Z49237

F-HEMBA1000555//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 134O19, WORKING DRAFT SEQUENCE.//3.2e-175:838:98//AL034555

45 F-HEMBA1000557//CIT-HSP-2369F15.TF CIT-HSP Homo sapiens genomic clone 2369F15, genomic survey sequence.//2.8e-32:315:78//AQ074611

F-HEMBA1000561//Rattus norvegicus Olf-1/EBF associated Zn finger protein Roaz mRNA, alternatively spliced form, complete cds.//3.4e-69:665:72//U92564

F-HEMBA1000563//Plasmodium falciparum 3D7 chromosome.12 PFYAC1383 genomic sequence, WORKING DRAFT SEQUENCE, 3 unordered pieces.//0.59:261:61//AC005504

50 F-HEMBA1000568//HS_3243_B2_A12_MR CIT Approved Human Genomic Sperm Library D Homo sapiens genomic clone Plate=3243 Col=24 Row=B, genomic survey sequence.//3.1e-54:323:91//AQ219628

F-HEMBA1000569//M.musculus mRNA for GPI-anchored protein.//1.4e-19:440:61//X89571

F-HEMBA1000575//Plasmodium falciparum 3D7 chromosome 12 PFYAC357 genomic sequence, WORKING DRAFT SEQUENCE, 7 unordered pieces.//0.0016:557:57//AC005506

55 F-HEMBA1000588//Mus musculus FLI-LRR associated protein-1 mRNA, complete cds.//1.7e-11:132:79//AF045573

F-HEMBA1000591//Homo sapiens mRNA for E1B-55kDa-associated protein.//7.3e-43:228:97//AJ007509

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- F-HEMBA1000592//Mus musculus clone OST7314, genomic survey sequence//7.3e-07:68:94//AF046733
F-HEMBA1000594//Human DNA sequence from PAC 306D1 on chromosome X contains ESTs//8.7e-71:553:79//Z83822
- 5 F-HEMBA1000604//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 237J2, WORKING DRAFT SEQUENCE//2.9e-21:158:75//AL021394
F-HEMBA1000608//Homo sapiens mRNA for KIAA0456 protein, partial cds//1.1e-118:561:99//AB007925
F-HEMBA1000622//Homo sapiens Chromosome 16 BAC clone CIT987SK-A-152E5, complete sequence//2.2e-28:426:70//AC004382
- 10 F-HEMBA1000636//Human CpG island sequence, clone Q28B8//1.0e-15:274:68//D85773
F-HEMBA1000637//Homo sapiens mRNA for KIAA0690 protein, partial cds//6.7e-137:639:99//AB014590
F-HEMBA1000655//, complete sequence//5.1e-83:685:80//AC005815
F-HEMBA1000657//Rattus norvegicus ADP-ribosylation factor-directed GTPase activating protein mRNA, complete cds//1.1e-91:597:84//U35776
- 15 F-HEMBA1000662//Homo sapiens clone DJ0853H20, WORKING DRAFT SEQUENCE, 5 unordered pieces//0.019:695:57//AC004907
F-HEMBA1000673//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 229A8, WORKING DRAFT SEQUENCE//1.5e-48:325:85//Z86090
F-HEMBA1000682//Homo sapiens (subclone 5_g5 from P1 H25)-DNA sequence//7.7e-61:615:74//L43411
F-HEMBA1000686
- 20 F-HEMBA1000702
F-HEMBA1000705//Plasmodium falciparum 3D7 chromosome 12 PFYACB8-628 genomic sequence, WORKING DRAFT SEQUENCE, 9 unordered pieces//0.0037:569:57//AC005507
F-HEMBA1000719//Streptomyces coelicolor cosmid 1C2//2.0e-09:483:62//AL031124
F-HEMBA1000722//Toxoplasma gondii chloroplast, complete genome//0.00058:762:57//U87145
- 25 F-HEMBA1000726//H.sapiens HLA-DRB1*15 gene//9.8e-49:189:89//X88791
F-HEMBA1000727//CIT-HSP-387P22.TRB CIT-HSP Homo sapiens genomic clone 387P22, genomic survey sequence//0.0054:206:67//B60158
F-HEMBA1000747
F-HEMBA1000749//Human DNA sequence from clone 522P13 on chromosome 6p21.31-22.3. Contains a 60S Ribosomal Protein L21 pseudogene and an HNRNP A3 (Heterogenous Nuclear Riboprotein A3, FBRNP) pseudogene. Contains ESTs, STSs and GSSs, complete sequence//3.3e-05:124:75//AL024509
- 30 F-HEMBA1000752//Human Chromosome X, complete sequence//5.9e-48:502:75//AC004073
F-HEMBA1000769//Homo sapiens clone NH0576N21, WORKING DRAFT SEQUENCE, 5 unordered pieces//0.011:179:67//AC005043
- 35 F-HEMBA1000773//Caenorhabditis elegans DNA *** SEQUENCING IN PROGRESS *** from clone Y59A8, WORKING DRAFT SEQUENCE//0.070:231:63//Z98870
F-HEMBA1000774//Homo sapiens PAC clone DJ1059M17 from 7q21-q31.1, complete sequence//6.2e-40:385:75//AC004953
F-HEMBA1000791
- 40 F-HEMBA1000817//Myrmecia pilosula H187-135 mitochondrion cytochrome b gene, partial cds//0.99:244:58//U15678
F-HEMBA1000822//Human DNA sequence from PAC 179D3, between markers DXS6791 and DXS8038 on chromosome X contains S10 GTP-binding protein, ESTs and CpG island//0.033:294:62//Z81370
F-HEMBA1000827//Borrelia burgdorferi (section 50 of 70) of the complete genome//9.7e-05:463:58//AE001164
- 45 F-HEMBA1000843//Homo sapiens DNA sequence from clone 511B24 on chromosome 20q11.2-12. Contains the TOP1 gene for Topoisomerase I, the PLCG1 gene for 1-Phosphatidylinositol-4,5-Bisphosphate Phosphodiesterase Gamma 1 (EC 3.1.4.11, PLC-Gamma-1, Phospholipase C-Gamma-1 PLC-II, PLC-148), the KIAA0395 gene for a probable Zinc Finger Homeobox protein and a 60S Ribosomal Protein L23 LIKE pseudogene. Contains a predicted CpG island, ESTs, STSs and GSSs, complete sequence//3.0e-153:732:98//AL022394
- 50 F-HEMBA1000851//Rattus norvegicus glucocorticoid modulatory element binding protein 2 mRNA, complete cds//1.6e-31:386:72//AF059273
F-HEMBA1000852//Homo sapiens Xp22 bins 3-5 PAC RPC14-617A9 (Roswell Park Cancer Institute Human PAC Library) containing Arylsulfatase D and E genes, complete sequence//8.5e-115:455:98//AC005295
F-HEMBA1000867
- 55 F-HEMBA1000869//Human DNA sequence from cosmid J138O17, between markers DXS6791 and DXS8038 on chromosome X contains EST CA repeat and an endogenous retroviral like element//6.6e-41:424:75//Z72519
F-HEMBA1000870//Gnamptodon pumilio cytochrome oxidase II gene, partial cds; and tRNA-Asp, tRNA-His, and tRNA-Lys genes, complete sequence, mitochondrial genes for mitochondrial products//0.0049:211:66//AF034598

- F-HEMBA1000872//CIT-HSP-2355D20.TF CIT-HSP Homo sapiens genomic clone 2355D20, genomic survey sequence.//3.7e-33:180:98//AQ059583
- F-HEMBA1000876//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 473B4, WORKING DRAFT SEQUENCE.//5.6e-37:262:72//Z83826
- 5 F-HEMBA1000908//Triticum aestivum low-affinity cation transporter (LCT1) mRNA, complete cds.//1.0:304:59//AF015523
- F-HEMBA1000910//M.musculus necdin mRNA, complete cds.//6.1e-08:256:61//M80840
- F-HEMBA1000918//Tetrahymena thermophila micronuclear developmentally eliminated sequence region.//0.13:232:63//U88158
- 10 F-HEMBA1000919//Gallus domesticus filamin mRNA, complete cds.//1.0:213:65//U00147
- F-HEMBA1000934//CIT-HSP-2053H24.TR CIT-HSP Homo sapiens genomic clone 2053H24, genomic survey sequence.//5.5e-11:275:64//B69224
- F-HEMBA1000942//Homo sapiens clone DJ0754G14, WORKING DRAFT SEQUENCE, 15 unordered pieces.//9.7e-05:78:83//AC004878
- 15 F-HEMBA1000943//Homo sapiens chromosome 17, clone hRPK.640_1_15, complete sequence.//5.8e-140:661:99//AC005324
- F-HEMBA1000946
- F-HEMBA1000960//Homo sapiens clone DJ1111F22, WORKING DRAFT SEQUENCE, 12 unordered pieces.//8.3e-16:181:75//AC004967
- 20 F-HEMBA1000968//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 69M21, WORKING DRAFT SEQUENCE.//4.4e-117:398:86//AL031735
- F-HEMBA1000971//H.sapiens CpG island DNA genomic MseI fragment, clone 182f4, forward read cpg182f4 ft1a.//1.5e-20:126:96//Z57528
- F-HEMBA1000972//Homo sapiens genomic DNA of 8p21.3-p22 anti-oncogene of hepatocellular colorectal and non-small cell lung cancer, segment 1/11.//0.34:642:59//AB020858
- 25 F-HEMBA1000974//Homo sapiens clone DA0091H08, complete sequence.//5.1e-183:865:98//AC004817
- F-HEMBA1000975//Orf virus homologue of retroviral pseudoprotease gene, complete cds.//0.00065:391:62//M30023
- F-HEMBA10009851//Human DNA sequence from clone 272E8 on chromosome Xp22.13-22.31. Contains a pseudogene similar to MDM2-Like P53-binding protein gene. Contains STSs, GSSs and a CA repeat polymorphism, complete sequence.//3.4e-05:243:65//Z93929
- 30 F-HEMBA1000986//Homo sapiens DNA from chromosome 19 cosmid R31491, genomic sequence.//6.6e-06:508:61//AD000813
- F-HEMBA1000991//Homo sapiens mRNA for Hrs, complete cds.//1.2e-22:193:84//D84064 F-HEMBA1001007
- 35 F-HEMBA1001008//Human DNA sequence from clone 391O22 on chromosome 6p21.2-21.31 Contains pseudogenes similar to ribosomal protein, ESTs, GSSs, complete sequence.//7.8e-46:532:73//AL031577
- F-HEMBA1001009//Human mRNA for IgM heavy chain complete sequence.//0.97:369:59//X17115
- F-HEMBA1001017//Homo sapiens mRNA for KIAA0468 protein, complete cds.//4.4e-139:661:98//AB007937
- F-HEMBA1001019//Homo sapiens, clone hRPK.15_A_1, complete sequence.//1.6e-16:521:64//AC006213
- 40 F-HEMBA1001020//Homo sapiens chromosome 17, clone hRPK.178_C_3, complete sequence.//3.8e-50:367:72//AC005702
- F-HEMBA1001022
- F-HEMBA1001024//Homo sapiens T-cell receptor alpha delta locus from bases 1 to 250529 (section 1 of 5) of the Complete Nucleotide Sequence.//5.0e-23:378:69//AE000658
- 45 F-HEMBA1001026//Homo sapiens DNA sequence from PAC 435D1 on chromosome Xq25. Contains ESTs and STS.//7.6e-19:867:60//Z86064
- F-HEMBA1001043//HS_2219_B1_A10_MF CIT Approved Human Genomic Sperm Library D Homo sapiens genomic clone Plate=2219 Col=19 Row=B, genomic survey sequence.//3.0e-15:124:88//AQ301521
- F-HEMBA1001051//Human Chromosome X clone bWXD342, complete sequence.//4.8e-79:308:84//AC004072
- 50 F-HEMBA1001052//Homo sapiens chromosome 17, clone hRPK.146_P_2, WORKING DRAFT SEQUENCE, 4 unordered pieces.//0.53:384:61//AC005341
- F-HEMBA1001059//Human N-acetylgalactosamine 6-sulphatase (GALNS) gene, exon 10.//2.8e-26:397:71//U06084
- F-HEMBA1001060//Homo sapiens chromosome 17, clone hRPK.855_D_21 complete sequence.//0.98:280:62//AC006079
- 55 F-HEMBA1001071//Human mRNA for pro alpha 1 (III) collagen C-terminal propeptide.//1.1e-31:181:96//X01742
- F-HEMBA1001077//nuclear protein TIF1 [mice, mRNA, 3951 nt].//3.6e-13:338:65//S78219
- F-HEMBA1001080//Streptomyces coelicolor cosmid 1A9.//0.00012:364:63//AL034446

- F-HEMBA1001085//Human Chromosome 15q26.1 PAC clone pDJ290i21 containing fur, fes, and alpha mannosidase Ix genes, WORKING DRAFT SEQUENCE, 9 unordered pieces.//8.5e-134:476:96//AC004586
- F-HEMBA1001088//Sequence 1 from patent US 5552529.//2.2e-71:303:78//I25863
- F-HEMBA1001094//Homo sapiens clone RG491N20, complete sequence.//8.9e-119:609:96//AC005105
- 5 F-HEMBA1001099
- F-HEMBA1001109//Homo sapiens BAC clone RG318M05 from 7q22-q31.1, complete sequence.//2.4e-58:347:87//AC005250
- F-HEMBA1001121//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 90G24, WORKING DRAFT SEQUENCE.//3.4e-21:226:65//AL008723
- 10 F-HEMBA1001122//Plasmodium falciparum chromosome 2, section 20 of 73 of the complete sequence.//9.2e-07:732:57//AE001383
- F-HEMBA1001123//Homo sapiens full-length insert cDNA clone ZD38E12.//1.1e-11:231:68//AF086247
- F-HEMBA1001133//Homo sapiens clone DJ0856O24, WORKING DRAFT SEQUENCE, 4 unordered pieces.//0.011:163:69//AC004909
- 15 F-HEMBA1001137//Homo sapiens mRNA for KIAA0798 protein, complete cds.//6.9e-72:527:77//AB018341
- F-HEMBA1001140//Homo sapiens clone RG228D17, WORKING DRAFT SEQUENCE, 2 unordered pieces.//2.3e-120:578:98//AC005077
- F-HEMBA1001172//Plasmodium falciparum 3D7 chromosome 12 PFYACB8-628 genomic sequence, WORKING DRAFT SEQUENCE, 9 unordered pieces.//0.010:520:59//AC005507
- 20 F-HEMBA1001174//R.norvegicus (Sprague Dawley) ARL5 mRNA for ARF-like protein 5.//1.0e-59:565:73//X78604
- F-HEMBA1001197//Homo sapiens clone 82F9, WORKING DRAFT SEQUENCE, 4 unordered pieces.//0.0037:151:70//AC004815
- F-HEMBA1001208//Human BAC clone RG264L19 from 7p15-p21, complete sequence.//7.4e-35:195:81//AC002410
- 25 F-HEMBA1001213//Homo sapiens clone DJ0892G19, complete sequence.//1.9e-171:826:98//AC004917
- F-HEMBA1001226//Homo sapiens clone DJ0850101, WORKING DRAFT SEQUENCE, 1 unordered pieces.//0.00010:557:57//AC006009
- F-HEMBA1001235//Homo sapiens chromosome 17, clone hRPK:601_N_13, complete sequence.//0.0086:372:58//AC005389
- 30 F-HEMBA1001247//H.sapiens CpG island DNA genomic MseI fragment, clone 11b11, reverse read cpg11b11.r1a.//2.0e-24:154:93//Z64441
- F-HEMBA1001257//Homo sapiens alpha-methylacyl-CoA racemase mRNA, complete cds.//1.9e-88:659:81//AF047020
- F-HEMBA1001265//Human 18S ribosomal RNA.//1.0e-32:180:97//X03205
- 35 F-HEMBA1001281
- F-HEMBA1001286//B.taurus mRNA for RF-36-DNA-binding protein.//7.7e-26:236:81//X15543
- F-HEMBA1001289//Homo sapiens Chromosome 16 BAC clone CIT987SK-A-69G12, complete sequence.//5.5e-28:530:64//AC004131
- F-HEMBA1001294//Yeast mitochondrial aapl gene for ATPase subunit 8.//2.8e-15:722:60//X00960
- 40 F-HEMBA1001299//Human DNA sequence from clone 422G23 on chromosome 6q24 Contains EST, STS, GSS, CpG island, complete sequence.//4.2e-24:288:76//AL031003
- F-HEMBA1001302//cDNA encoding a human homologue of a mouse novel polypeptide derived from stromal cell.//7.2e-121:439:96//E12260
- F-HEMBA1001303//Plasmodium falciparum 3D7 chromosome 12 PFYAC181 genomic sequence, WORKING DRAFT SEQUENCE, 8 unordered pieces.//0.011:637:56//AC005505
- 45 F-HEMBA1001310//HS_3252_B2_B12_T7 CIT Approved Human Genomic Sperm Library D Homo sapiens genomic clone Plate=3252 Col=24 Row=D, genomic survey sequence.//1.2e-16:166:82//AQ217054
- F-HEMBA1001319//CIT-HSP-2034J6.TF CIT-HSP Homo sapiens genomic clone 2034J6, genomic survey sequence.//0.33:256:59//B79408
- 50 F-HEMBA1001323//Homo sapiens proto-oncogene (Wnt-5a) mRNA, complete cds.//7.8e-30:165:99//L20861
- F-HEMBA1001326//Homo sapiens DNA sequence from BAC 55C20 on chromosome 6. Contains a Spinal Muscular Atrophy (SMA3) LIKE gene overlapping with a beta-glucuronidase LIKE pseudogene. Contains a membrane protein LIKE pseudogene, a Glyceraldehyde 3-phosphate dehydrogenase (GAPDH) LIKE pseudogene, five predicted tRNA genes. Contains ESTs, GSSs(BAC end sequences) and a CA repeat polymorphism, complete sequence.//5.4e-19:347:68//AL021368
- 55 F-HEMBA1001327//CIT-HSP-2354E10.TR CIT-HSP Homo sapiens genomic clone 2354E10, genomic survey sequence.//0.012:152:65//AQ075713
- F-HEMBA1001330//Plasmodium falciparum DNA *** SEQUENCING IN PROGRESS *** from contig 3-103, com-

plete sequence.//0.0037:254:62//AL010208
F-HEMBA1001351//Homo sapiens VAMP-associated protein of 33 kDa (VAP-33) mRNA, complete cds.//1.1e-103:516:97//AF057358
5 F-HEMBA1001361//Homo sapiens chromosome 9, clone hRPK_202_H_3, complete sequence.//1.7e-150:706:99//AC006241
F-HEMBA1001375//Streptomyces coelicolor cosmid 1E6.//1.0:375:59//AL033505
F-HEMBA1001377//HS_3020_B1_D12_MR CIT Approved Human Genomic Sperm Library D Homo sapiens genomic clone Plate=3020 Col=23 Row=H, genomic survey sequence.//0.00022:63:77//AQ105297
10 F-HEMBA1001383//Plasmodium falciparum chromosome 2, section 68 of 73 of the complete sequence.//0.00035:317:60//AE001431
F-HEMBA1001387//HS_3039_B1_D01_MF CIT Approved Human Genomic Sperm Library D Homo sapiens genomic clone Plate=3039 Col=1 Row=H, genomic survey sequence.//5.0e-90:437:98//AQ155035
F-HEMBA1001388//Homo sapiens clone RG189J21, WORKING DRAFT SEQUENCE, 15 unordered pieces.//4.2e-47:159:89//AC005073
15 F-HEMBA1001391//Human DNA sequence from clone 409O10 on chromosome 20q12 Contains CA repeat, GSS, STS, complete sequence.//2.0e-06:495:60//AL031256
F-HEMBA1001398//H.sapiens CpG island DNA genomic MseI fragment, clone 70d11, forward read cpg70d11.ft1b.//0.018:46:97//Z62591
20 F-HEMBA1001405//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 50024, WORKING DRAFT SEQUENCE.//2.3e-74:623:71//AL034380
F-HEMBA1001407//Mus musculus domesticus Torino (Sry) gene, complete cds.//0.36:363:57//U03645
F-HEMBA1001411//Homo sapiens genomic DNA, 21q region, clone: S39BG29, genomic survey sequence.//8.4e-12:516:60//AG001050
F-HEMBA1001413
25 F-HEMBA1001415//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 410I8, WORKING DRAFT SEQUENCE.//0.98:177:64//AL031732
F-HEMBA1001432//Homo sapiens clone DJ0693M11, WORKING DRAFT SEQUENCE, 7 unordered pieces.//8.0e-177:859:97//AC006146
F-HEMBA1001433//Homo sapiens clone DJ0892G19, complete sequence.//2.0e-35:376:64//AC004917
30 F-HEMBA1001435//Homo sapiens chromosome 17, clone hRPK_63_A_1, complete sequence.//1.2e-74:284:84//AC005670
F-HEMBA1001442//Plasmodium falciparum DNA *** SEQUENCING IN PROGRESS *** from contig 3-66, complete sequence.//0.056:194:63//AL010138
F-HEMBA1001446//Homo sapiens chromosome 4 clone B150J4 map 4q25, complete sequence.//0.96:328:61//AC004047
35 F-HEMBA1001450
F-HEMBA1001454//Human DNA sequence from clone 598A24 on chromosome Xp11.1-11.23 Contains zinc finger X-linked proteins ZXDA, ZXDB, ESTs and STS, complete sequence.//2.0e-47:468:73//AL031115
F-HEMBA1001455//CIT978SK-32J2.TV CIT978SK Homo sapiens genomic clone 32J2, genomic survey sequence.//1.5e-05:223:65//B78859
40 F-HEMBA1001463//cSRL-69d1-u cSRL flow sorted Chromosome 11 specific cosmid Homo sapiens genomic clone cSRL-69d1, genomic survey sequence.//5.1e-66:564:77//B05652
F-HEMBA1001476//Homo sapiens mRNA for KIAA0572 protein, partial cds.//1.9e-102:489:99//AB011144
F-HEMBA1001478//HS_2228_A2_B03_MF CIT Approved Human Genomic Sperm Library D Homo sapiens genomic clone Plate=2228 Col=6 Row=C, genomic survey sequence.//4.5e-40:275:88//AQ032041
45 F-HEMBA1001497//Human DNA sequence from clone 281H8 on chromosome 6q25.1-25.3. Contains up to four novel genes, one with similarity to KIAA0323 and worm C30F12.1 and another with Ubiquitin-Like protein gene SMT3 (the latter in an intron of a novel gene). Contains ESTs, STSs, GSSs, a putative CpG island and genomic marker D6S1553, complete sequence.//7.7e-47:311:85//AL031133
50 F-HEMBA1001510//Human HLA class III region containing cAMP response element binding protein-related protein (CREB-RP) and tenascin X (tenascin-X) genes, complete cds, complete sequence.//2.0e-130:699:93//U89337
F-HEMBA1001515//Homo sapiens chromosome 19, cosmid F24866, complete sequence.//4.1e-114:711:85//AC005794
F-HEMBA1001517//Homo sapiens BAC clone RG459N13 from 7p15, complete sequence.//5.7e-162:769:98//AC004549
55 F-HEMBA1001522//Caenorhabditis elegans cosmid ZK328.//8:6e-17:498:61//U50193
F-HEMBA1001526//Human DNA sequence from cosmid 444G9 from a contig from the tip of the short arm of chromosome 16, spanning 2Mb of 16p13.3 Contains ESTs and CpG islands, //0.31:120:69//Z98258

F-HEMBA1001533

F-HEMBA1001557//Chionoecetes opilio (clone COP41) DNA microsatellite repeat regions.//7.0e-25:303:72//L49136

F-HEMBA1001566//Homo sapiens DNA sequence from PAC 127D3 on chromosome 1q23-25. Contains FMO2 and FMO3 genes for Flavin-containing Monooxygenase 2 and Flavin-containing Monooxygenase 3 (Dimethyl-aniline Monooxygenase (N-Oxide 3, EC1.14.13.8, Dimethylaniline Oxidase 3, FMO II, FMO 3), and a gene for another, unknown, Flavin-containing Monooxygenase family protein. Contains ESTs and GSSs, complete sequence.//7.2e-18:805:60//AL021026

F-HEMBA1001569//Homo sapiens mRNA for vesicle associated membrane protein 2 (VAMP2).//1.1e-64:338:95//AJ225044

F-HEMBA1001570//Homo sapiens PAC clone DJ0844F09 from 7p12-p13, complete sequence.//2.1e-148:698:99//AC004453

F-HEMBA1001579//Homo sapiens mRNA for NS1-binding protein (NS1-BP).//2.2e-173:678:99//AJ012449

F-HEMBA1001581//Homo sapiens clone DJ1158B01, WORKING DRAFT SEQUENCE, 23 unordered pieces.//0.30:484:59//AC004980

F-HEMBA1001585

F-HEMBA1001589//Human BAC clone RG317G18 from 7q31, complete sequence.//0.98:197:63//AC002432

F-HEMBA1001595//Human mRNA for KIAA0128 gene, partial cds.//8.2e-109:855:78//D50918

F-HEMBA1001608//RPCI11-72E2.TJ RPCI11 Homo sapiens genomic clone R-72E2, genomic survey sequence.//3.8e-05:235:64//AQ267131

F-HEMBA1001620//Oryza sativa RINO1 mRNA for myo-inositol phosphate synthase, complete cds.//3.8e-40:719:64//AB012107

F-HEMBA1001635//HS_3208_A1_D07_MR CIT Approved Human Genomic Sperm Library D Homo sapiens genomic clone Plate=3208 Col=13 Row=G, genomic survey sequence.//1.4e-15:120:90//AQ176944

F-HEMBA1001636//Homo sapiens 12q24 PAC RPCI1-66E7 (Roswell Park Cancer Institute Human PAC library) complete sequence.//0.15:221:64//AC004216

F-HEMBA1001640//HS_3253_B2_D03_MR CIT Approved Human Genomic Sperm Library D Homo sapiens genomic clone Plate=3253 Col=6 Row=H, genomic survey sequence.//9.1e-52:278:95//AQ216058

F-HEMBA1001647//H.sapiens gene for plectin.//0.00052:629:61//Z54367

F-HEMBA1001651//Salmo salar DNA for a cryptic repeat.//7.9e-08:270:64//AJ012206

F-HEMBA1001655//Homo sapiens chromosome 5, BAC clone 194j18 (LBNL H158), complete sequence.//5.9e-164:802:97//AC005368

F-HEMBA1001658//M.musculus COL3A1 gene for collagen alpha-1.//2.4e-30:742:62//X52046

F-HEMBA1001661//Homo sapiens chromosome 5p, BAC clone 50q21 (LBNL H154), complete sequence.//2.2e-144:682:99//AC005740

F-HEMBA1001672//Homo sapiens methyl-CpG binding protein MBD3 (MBD3) mRNA, complete cds.//6.1e-152:725:98//AF072247

F-HEMBA1001675//RPCI11-54F8.TV RPCI11 Homo sapiens genomic clone R-54F8, genomic survey sequence.//5.3e-75:341:85//AQ082126

F-HEMBA1001678//Homo sapiens Xp22 PAC RPCI1-167A22 (from Roswell Park Cancer Center) complete sequence.//8.4e-54:551:74//AC002349

F-HEMBA1001681

F-HEMBA1001702//Plasmodium falciparum chromosome 2, section 35 of 73 of the complete sequence.//0.94:676:54//AE001398

F-HEMBA1001709//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 702J19, WORKING DRAFT SEQUENCE.//0.74:659:58//AL033531

F-HEMBA1001711//Lysiphlebus melandriicola NADH dehydrogenase 1 gene, mitochondrial gene encoding mitochondrial protein, partial cds.//3.0e-07:413:60//AF069178

F-HEMBA1001712//Homo sapiens BAC clone RG041H04 from 7q21-q22, complete sequence.//0.091:315:61//AC004519

F-HEMBA1001714//Rattus norvegicus mitochondrial ATPase inhibitor gene, complete cds.//1.6e-28:218:75//U12250

F-HEMBA1001718//HS_3056_A2_H08_MF CIT Approved Human Genomic Sperm Library D Homo sapiens genomic clone Plate=3056 Col=16 Row=O, genomic survey sequence.//2.0e-79:383:99//AQ106367

F-HEMBA1001723//HS_2188_A2_D02_MF CIT Approved Human Genomic Sperm Library D Homo sapiens genomic clone Plate=2188 Col=4 Row=G, genomic survey sequence.//3.8e-28:174:94//AQ116793

F-HEMBA1001731//HS_3021_A1_A11_T7 CIT Approved Human Genomic Sperm Library D Homo sapiens genomic clone Plate=3021 Col=21 Row=A, genomic survey sequence.//2.5e-11:420:62//AQ154658

- F-HEMBA1001734//Homo sapiens chromosome Y, clone 264.M.20, complete sequence.//0.00060:392:60//AC004617
- F-HEMBA1001744//HS_3194_A1_D05_T7 CIT Approved Human Genomic Sperm Library D Homo sapiens genomic clone Plate=3194 Col=9 Row=G, genomic survey sequence.//5.8e-29:163:97//AQ252295
- 5 F-HEMBA1001745//Homo sapiens chromosome 9q34, clone 280C11, complete sequence.//0.66:627:59//AC002102
- F-HEMBA1001746//HS_2163_B1_F04_MR CIT Approved Human Genomic Sperm Library D Homo sapiens genomic clone Plate=2163 Col=7 Row=L, genomic survey sequence.//1.4e-16:238:70//AQ085995
- 10 F-HEMBA1001761//Genomic sequence from Mouse 9, complete sequence.//3.5e-52:198:86//AC002109
- F-HEMBA1001781
- F-HEMBA1001784//Genomic sequence from Human 9q34, WORKING DRAFT SEQUENCE, 2 unordered-pieces.//5.5e-13:296:65//AC002099
- F-HEMBA1001791//Homo sapiens DNA from chromosome 19-cosmids R31158, R31874, and R28125, genomic sequence, complete sequence.//0.18:534:59//AF038458
- 15 F-HEMBA1001800//CrT-HFP-2049N5.TF CIT-HSP Homo sapiens genomic clone 2049N5, genomic survey sequence.//2.2e-40:335:80//AQ009222
- F-HEMBA1001803//M.musculus (Ba1b/C) P/L01 mRNA.//1.7e-25:286:74//Z31360
- F-HEMBA1001804//Mouse interleukin 2 receptor (p55 IL-2R) mRNA, 5' end.//1.9e-58:358:89//M21977
- 20 F-HEMBA1001808//Homo sapiens mRNA, chromosome 1- specific transcript KIAA0500.//7.8e-174:809:98//AB007969
- F-HEMBA1001809//Bovine herpesvirus 1 complete genome.//9.0e-09:639:57//AJ004801
- F-HEMBA1001815
- F-HEMBA1001819//HS_3079_B1_E04_T7 CIT Approved Human Genomic Sperm Library D Homo sapiens genomic clone Plate=3079 Col=7 Row=J, genomic survey sequence.//1.4e-79:396:97//AQ186616
- 25 F-HEMBA1001820//Homo sapiens BAC clone GS165L15 from 7p15, complete sequence.//0.00026:436:60//AC005013
- F-HEMBA1001822//Homo sapiens intersectin short form mRNA, complete cds.//1.2e-40:510:65//AF064243
- F-HEMBA1001824//Homo sapiens expanded SCA7 CAG repeat.//6.1e-20:344:68//AF020275
- F-HEMBA1001835//Homo sapiens BAC clone RG017K18 from 7q31, complete sequence.//0.0094:553:58//AC005161
- 30 F-HEMBA1001844//Homo sapiens chromosome Xp22-135-136 clone GSHB-567I1, WORKING DRAFT SEQUENCE, 35 unordered pieces.//1.2e-22:316:70//AC005867
- F-HEMBA1001847//M.musculus Zfp-29 gene for zinc finger protein.//5.3e-27:397:69//X55126
- F-HEMBA1001861//Homo sapiens mRNA for KIAA0617 protein, complete cds.//8.8e-184:865:98//AB014517
- 35 F-HEMBA1001864//Arabidopsis thaliana chromosome II BAC F17H15 genomic sequence, complete sequence.//0.38:337:62//AC005395
- F-HEMBA1001866//Caenorhabditis elegans cosmid F48E3.//1.4e-10:224:63//U28735
- F-HEMBA1001869//Homo sapiens BAC clone RG114B19 from 7q31.1, complete sequence.//6.7e-98:288:91//AC005065
- 40 F-HEMBA1001888//Human Chromosome 11p15.5 PAC clone pDJ915f1 containing KvLQT1 gene, complete sequence.//4.9e-114:476:84//AC003693
- F-HEMBA1001896//Bos taurus pyruvate dehydrogenase phosphatase regulatory subunit precursor, mRNA, complete cds.//2.2e-137:839:86//AF026954
- F-HEMBA1001910//Homo sapiens Chromosome 2p13 BAC Clone h173, complete sequence.//0.90:221:63//AC003065
- 45 F-HEMBA1001912//HS_2237_A1_C10_MF CIT Approved Human Genomic Sperm Library D Homo sapiens genomic clone Plate=2237 Col=19 Row=E, genomic survey sequence.//9.7e-76:364:100//AQ033732
- F-HEMBA1001913//Leishmania major chromosome 3 clone L4625 strain Friedlin, WORKING DRAFT SEQUENCE, 6 unordered pieces.//0.00063:219:65//AC005766
- 50 F-HEMBA1001915//Homo sapiens genomic DNA of 9q32 anti-oncogene of flat epithelium cancer, segment 5/10.//0.00011:366:63//AB020873
- F-HEMBA1001918//Pneumocystis carinii gene for major surface glycoprotein MSG105, exon1-2, complete cds.//0.00024:562:58//D82031
- F-HEMBA1001921//Homo sapiens germinal center kinase related protein kinase mRNA, complete cds.//2.1e-184:855:99//AF000145
- 55 F-HEMBA1001939//Human DNA sequence from clone 395P12 on chromosome 1q24-25. Contains the TXGP1 gene for tax-transcriptionally activated glycoprotein 1 (34kD) (OX40 ligand, OX40L) and a GOT2 (Aspartate Aminotransferase, mitochondrial precursor, EC 2.6.1.1, Transaminase A, Glutamate Oxaloacetate Transaminase-2)

- pseudogene. Contains ESTs, STSs and GSSs, complete sequence.//1.1e-42:380:80//AL022310
 F-HEMBA1001940//Homo sapiens clone DJ1093116, WORKING DRAFT SEQUENCE, 5 unordered pieces.//7.5e-175:861:97//AC005629
 F-HEMBA1001942//Homo sapiens chromosome 12p13.3 clone RPC11-96H9, WORKING DRAFT SEQUENCE,
 5 66 unordered pieces.//0.097:107:71//AC006057
 F-HEMBA1001945//Drosophila F family transposable element F12 3' region.//0.94:140:65//X01934
 F-HEMBA1001950//H.sapiens CpG island DNA genomic Mse1 fragment, clone 15b5, forward read cpg15b5.ft1q.//1.4e-27:168:95//Z54728
 F-HEMBA1001960//Locusta migratoria mRNA for nAChR alpha1 subunit.//0.010:108:71//AJ000390
 10 F-HEMBA1001962//Plasmodium falciparum 3D7 chromosome 12 PFYACB8-628 genomic sequence, WORKING DRAFT SEQUENCE, 9 unordered pieces.//9.7e-05:494:60//AC005507
 F-HEMBA1001964
 F-HEMBA1001967//Human DNA sequence from clone 341E18 on chromosome 6p11.2-12.3. Contains a Serine/Threonine Protein Kinase gene (presumptive isolog of a Rat gene) and a novel alternatively spliced gene. Contains
 15 a putative CpG island, ESTs and GSSs, complete sequence.//9.6e-122:373:99//AL031178
 F-HEMBA1001979//HS_3067_B1_A06_MR CIT Approved Human Genomic Sperm Library D Homo sapiens genomic clone Plate=3067 Col=11 Row=B, genomic survey sequence.//0.43:193:64//AQ143506
 F-HEMBA1001987//Plasmodium falciparum MAL3P6, complete sequence.//1.0:428:56//Z98551
 F-HEMBA1001991//HS_2237_A2_G09_MF CIT Approved Human Genomic Sperm Library D Homo sapiens genomic clone Plate=2237 Col=18 Row=M, genomic survey sequence.//4.3e-05:240:64//AQ067283
 20 F-HEMBA1002003//protein phosphatase 2C isoform [rats, liver, mRNA, 1950 nt].//2.7e-33:364:74//S90449
 F-HEMBA1002008//WORKING DRAFT SEQUENCE, 3 unordered pieces.//0.00032:214:68//AC005948
 F-HEMBA1002018
 F-HEMBA10020227//Human p37NB mRNA, complete cds.//0.014:58:96//U32907
 25 F-HEMBA1002035//Mouse transcriptional control element.//7.8e-07:200:69//M17284
 F-HEMBA1002039//Human DNA sequence from clone 267M20 on chromosome Xq22.2-22.3. Contains part of the DIAPH2 gene and a pseudogene, ESTs, STSs and GSSs, complete sequence.//0.31:497:58//AL031053
 F-HEMBA1002049//Homo sapiens chromosome 5, BAC clone 282B7 (LBNL H192), complete sequence.//4.5e-42:532:63//AC005216
 30 F-HEMBA1002084//Homo sapiens chromosome 19 cosmid F15386, genomic sequence, complete sequence.//0.81:435:59//AF025422
 F-HEMBA1002092//Mus musculus Olf-1/EBF-like-3 transcription factor (O/E-3) mRNA, complete cds.//7.2e-130:769:87//U92703
 F-HEMBA1002100//Homo sapiens PAC clone DJ0991G20, complete sequence.//1.3e-47:124:96//AC004943
 35 F-HEMBA1002102//Xenopus laevis mRNA for xSox7 protein, complete cds.//2.7e-13:132:71//D83649
 F-HEMBA1002113//F.rubripes GSS sequence, clone 063K10bB4, genomic survey sequence.//0.029:142:66//Z88840
 F-HEMBA1002119//Human Chromosome 11 pac pDJ1173a5, complete sequence.//1.3e-14:515:62//AC000378
 F-HEMBA1002125//Homo sapiens calcium-activated potassium channel (KCNN3) mRNA, complete cds.//0.98:222:61//AF031815
 40 F-HEMBA1002139//Caenorhabditis elegans cosmid F55C9, complete sequence.//0.0081:371:60//Z81549
 F-HEMBA1002144//Saccharomyces cerevisiae mitochondrion transfer RNA-Met (tRNA-Met) gene, oxil gene, and ORF1.//4.9e-06:341:61//L36888
 F-HEMBA1002150//Homo sapiens mRNA for KIAA0720 protein, partial cds.//0.00017:353:62//AB018263
 45 F-HEMBA1002151
 F-HEMBA1002153//CITBI-E1-2519120.TR CITBI-E1 Homo sapiens genomic clone 2519120, genomic survey sequence.//8.5e-61:334:94//AQ277613
 F-HEMBA1002160//Homo sapiens clone DJ1189D06, complete sequence.//8.5e-44:385:77//AC005232
 F-HEMBA1002161//Coturnix coturnix slow myosin heavy chain-2 (qmyhc2) mRNA, partial cds.//2.1e-59:571:74//AF006829
 50 F-HEMBA1002162//Homo sapiens Xp22-150 BAC GSHB-309P15 (Genome Systems Human BAC Library) complete sequence.//5.3e-53:698:67//AC006210
 F-HEMBA1002166//Human DNA sequence from PAC 84F12 on chromosome Xq25-Xq26.3. Contains glypican-3 precursor (intestinal protein OCI-5) (GTR2-2), ESTs and CA repeat.//1.2e-50:319:78//AL008712
 55 F-HEMBA1002177//Homo sapiens BAC clone RG293F11 from 7q21-7q22, complete sequence.//2.5e-18:150:88//AC000066
 F-HEMBA1002185//Homo sapiens clone DJ0292L20, WORKING DRAFT SEQUENCE, 2 unordered pieces.//0.00066:466:59//AC004825

- F-HEMBA1002189//Homo sapiens clone GS166C05, WORKING DRAFT SEQUENCE, 7 unordered pieces//3.3e-23:176:77//AC005015
- F-HEMBA1002191//Homo sapiens mRNA for KIAA0689 protein, partial cds//1.0:382:59//AB014589
- F-HEMBA1002199//Homo sapiens chromosome 4 clone B55B24 map 4q25, complete sequence//1.8e-20:368:66//AC005150
- 5 F-HEMBA1002204//HS_2055_A1_H09_T7 CIT Approved Human Genomic Sperm Library D Homo sapiens genomic clone Plate=2055 Col=17 Row=O, genomic survey sequence//1.2e-06:178:65//AQ235350
- F-HEMBA1002212//S.cerevisiae chromosome IV reading frame ORF YDL101c//0.035:345:60//Z74149
- F-HEMBA1002215//M.musculus mRNA for testin//4.6e-80:504:87//X78989
- 10 F-HEMBA1002226//Homo sapiens Xp22 bins 87-93 PAC RPC11-122K4 (Roswell Park Cancer Institute Human PAC Library) complete sequence//5.7e-63:336:74//AC003035
- F-HEMBA1002229//Homo sapiens BAC clone NH0539B24 from 7p15.1-p14, complete sequence//2.6e-39:311:81//AC006044
- F-HEMBA1002237//Homo sapiens PAC clone DJ0696N01 from 7p21-p22, complete sequence//1.6e-12:397:64//AC004861
- 15 F-HEMBA1002241
- F-HEMBA1002253
- F-HEMBA1002257//Homo sapiens diacylglycerol kinase iota (DGKi) mRNA, complete cds//3.5e-151:731:97//AF061936
- 20 F-HEMBA1002265//Human DNA sequence from cosmid N28H9 on chromosome 22q11.2-qter contains ESTs, STS and endogenous retrovirus//1.3e-09:313:62//Z71183
- F-HEMBA1002267
- F-HEMBA1002270//Homo sapiens Xp22-150 BAC GSHB-309P15 (Genome Systems Human BAC Library) complete sequence//0.069:495:58//AC006210
- 25 F-HEMBA1002321//Homo sapiens PAC clone DJ0991O23, complete sequence//0.019:564:58//AC004944
- F-HEMBA1002328//CIT-HSP-2387N15.TF.1 CIT-HSP Homo sapiens genomic clone 2387N15, genomic survey sequence//1.8e-71:346:99//AQ240836
- F-HEMBA1002337//Arabidopsis thaliana genomic DNA, chromosome 5, P1 clone: MYN8, complete sequence//0.84:547:57//AB020754
- 30 F-HEMBA1002341//Homo sapiens mRNA for KIAA0771 protein, partial cds//2.4e-185:872:98//AB018314
- F-HEMBA1002348//CIT-HSP-2372K24.TR CIT-HSP Homo sapiens genomic clone 2372K24, genomic survey sequence//9.1e-33:230:75//AQ110676
- F-HEMBA1002349//Plasmodium falciparum histidine-rich protein II (HRP II) gene, complete cds//9.4e-06:504:57//U69551
- 35 F-HEMBA1002363//Homo sapiens chromosome-associated protein-E (hCAP-E) mRNA, complete cds//7.3e-188:872:99//AF092563
- F-HEMBA1002381//Homo sapiens genomic DNA of 8p21.3-p22 anti-oncogene of hepatocellular colorectal and non-small cell lung cancer, segment 11/11//2.1e-20:262:72//AB020868
- F-HEMBA1002389//D.discoideum spore coat 60 (sp60) gene, 5' flank//0.010:95:73//M34546
- 40 F-HEMBA1002417//Canis familiaris ZO-3 (zo-3) mRNA, complete cds//6.2e-120:767:85//AF023617
- F-HEMBA1002419//HS-1047-A1-F01-MF.abi CIT Human Genomic Sperm Library C Homo sapiens genomic clone Plate=CT 830 Col=1 Row=K, genomic survey sequence//7.6e-06:111:76//B38165
- F-HEMBA1002430//HS_3137_B2_F10_T7 CIT Approved Human Genomic Sperm Library D Homo sapiens genomic clone Plate=3137 Col=20 Row=L, genomic survey sequence//1.6e-56:367:88//AQ148697
- 45 F-HEMBA1002439//Dictyostelium discoideum actin 8 gene, 3' UTR//0.67:129:64//M25216
- F-HEMBA1002458//Mus musculus REX-3 mRNA, complete cds//1.1e-30:274:72//AF051347
- F-HEMBA1002460//Homo sapiens clone DJ1137M13, complete sequence//4.0e-173:822:98//AC005378
- F-HEMBA1002462//Sequence 41 from patent US 5708157//9.8e-51:519:73//I80067
- F-HEMBA1002469//Human mRNA for KIAA0122 gene, partial cds//4.0e-108:603:92//D50912
- 50 F-HEMBA1002475//Streptomyces coelicolor cosmid 2H4//0.0068:626:57//AL031514
- F-HEMBA1002477//Homo sapiens BAC clone NH0342K06 from 2, complete sequence//1.5e-40:349:78//AC005034
- F-HEMBA1002486
- F-HEMBA1002495//HS_3218_B1_A12_T7 CIT Approved Human Genomic Sperm Library D Homo sapiens genomic clone Plate=3218 Col=23 Row=B, genomic survey sequence//1.0:179:67//AQ181410
- 55 F-HEMBA1002498//Homo sapiens full-length insert cDNA clone ZD76B01//1.4e-129:619:98//AF086404
- F-HEMBA1002503//Homo sapiens clone DJ0742P04, WORKING DRAFT SEQUENCE, 6 unordered pieces//1.9e-24:306:68//AC004873

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F-HEMBA1002508//Homo sapiens chromosome 19, cosmid R33516, complete sequence.//2.9e-76:464:83//AC004799

F-HEMBA1002513//Homo sapiens mRNA for histone deacetylase-like protein (JM21).//2.8e-157:738:98//AJ011972

5 F-HEMBA1002515//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 407F11, WORKING DRAFT SEQUENCE.//2.6e-07:307:64//AL022329

F-HEMBA1002538//HS_2185_B2_B04_MR CIT Approved Human Genomic Sperm Library D Homo sapiens genomic clone Plate=2185 Col=8 Row=D, genomic survey sequence.//4.7e-37:339:78//AQ298315

10 F-HEMBA1002542//HS_3197_B2_B10_T7 CIT Approved Human Genomic Sperm Library D Homo sapiens genomic clone Plate=3197 Col=20 Row=D, genomic survey sequence.//3.2e-70:372:95//AQ188792

F-HEMBA1002547//Homo sapiens agrin precursor mRNA, partial cds.//3.5e-137:655:98//AF016903

F-HEMBA1002552//Human Hep27 protein mRNA, complete cds.//8.8e-07:173:68//U31875

F-HEMBA1002555//*** SEQUENCING IN PROGRESS *** Homo sapiens chromosome 4, BAC clone C0190L06; HTGS phase 1, WORKING DRAFT SEQUENCE, 21 unordered pieces.//2.2e-15:628:60//AC004670

15 F-HEMBA1002558//Human Xp22 BAC CT-285115 (from CalTech/Research Genetics), PAC RPC11-27C22 (from Roswell Park Cancer Center), and Cosmid U35B5 (from Lawrence Livermore), complete sequence.//2.3e-41:353:76//AC002366

F-HEMBA1002561//Homo sapiens chromosome 17, clone HRPC29G21, complete sequence.//1.1e-39:538:66//AC003687

20 F-HEMBA1002569//Homo sapiens protein associated with Myc mRNA, complete cds.//1.3e-140:457:99//AF075587

F-HEMBA1002583//CIT-HSP-2321D3.TR CIT-HSP Homo sapiens genomic clone 2321D3, genomic survey sequence.//5.1e-79:385:99//AQ038102

F-HEMBA1002590//Homo sapiens chromosome 17, clone hRPK.167.N_20, complete sequence.//1.9e-35:430:70//AC005940

25 F-HEMBA1002592//Human genomic DNA sequence from clone 308O1 on chromosome Xp11.3-11.4. Contains EST, CA repeat, STS, GSS, CpG island.//4Ae-19:303:71//Z93403

F-HEMBA1002609//Homo sapiens mRNA for KIAA0597 protein, partial cds.//4.4e-175:820:99//AB011169

F-HEMBA1002621//Homo sapiens PAC clone DJ0650P09 from 7q21, complete sequence.//0.14:353:58//AC004413

30 F-HEMBA1002624//Homo sapiens mRNA for KIAA0808 protein, complete cds.//2.9e-187:632:97//AB018351

F-HEMBA1002628//Plasmodium falciparum 3D7 chromosome 12 PFYAC812 genomic sequence, WORKING DRAFT SEQUENCE, 8 unordered pieces.//1.5e-05:792:58//AC004153

F-HEMBA1002629//Streptomyces coelicolor cosmid 1A9.//8.4e-08:576:58//AL034446

35 F-HEMBA1002645//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 153G14, WORKING DRAFT SEQUENCE.//5.6e-47:222:86//AL031118

F-HEMBA1002651//Homo sapiens PAC clone DJ0593H12 from 7p31, complete sequence.//3.8e-182:859:99//AC004839

F-HEMBA1002659//Z.mobilis alcohol dehydrogenase I (adhA) gene, complete cds.//0.97:144:66//M32100

40 F-HEMBA1002661//Homo sapiens PAC clone DJ0698G21 from 7p21-p22, complete sequence.//1.3e-116:774:84//AC004535

F-HEMBA1002666

F-HEMBA1002678//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 1137F22, WORKING DRAFT SEQUENCE.//5.7e-156:750:98//AL034421

45 F-HEMBA1002679//nbxb0002cC12r CUGI Rice BAC Library Oryza sativa genomic clone nbxb0002F23r, genomic survey sequence.//4.3e-09:517:58//AQ051621

F-HEMBA1002688//Herpes simplex virus type 2 (strain HG52), complete genome.//8.3e-20:651:61//Z86099

F-HEMBA1002696//Mus musculus proteasome regulator PA28 beta subunit gene, complete cds.//7.6e-62:306:81//AF060195

50 F-HEMBA1002703//Homo sapiens mRNA for KIAA0455 protein, complete cds.//1.9e-10:327:62//AB007924

F-HEMBA1002712

F-HEMBA1002716//HS_3064_A1_C10_MF CIT Approved Human Genomic Sperm Library D Homo sapiens genomic clone Plate=3064 Col=19 Row=E, genomic survey sequence.//8.4e-97:491:96//AQ142980

F-HEMBA1002728//Homo sapiens chromosome 5, BAC clone 205e20 (LBNL H170), complete sequence.//6.1e-21:217:77//AC004782

55 F-HEMBA1002730//Human platelet glycoprotein IIIa (GPIIIa) gene, exon 1.//0.57:125:67//M57481

F-HEMBA1002742//RPC11-39J10.TP RPC1-11 Homo sapiens genomic clone RPC1-11-39J10, genomic survey sequence.//1.1e-86:414:99//AQ029102

- F-HEMBA1002746//Mus musculus chromosome 19, clone CIT282B21, complete sequence.//7.1e-70:303:82//AC003694
- F-HEMBA1002748//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 410I8, WORKING DRAFT SEQUENCE.//0.096:212:62//AL031732
- 5 F-HEMBA1002750//Homo sapiens chromosome 5, PAC clone 170m10 (LBNL H89), complete sequence.//6.7e-40:232:70//AC004622
- F-HEMBA1002768//Homo sapiens mRNA for KIAA0554 protein, partial cds.//9.0e-177:834:98//AB011126
- F-HEMBA1002770//cDNA encoding novel rat protein TIP120 which is formed of complex with TBP (TATA binding protein).//1.3e-140:840:88//E12829
- 10 F-HEMBA1002777//F.rubripes GSS sequence, clone 189C06dB12, genomic survey sequence.//1.1e-28:263:77//AL007965
- F-HEMBA1002779//CIT-HSP-2333I1.TF CIT-HSP Homo sapiens genomic clone 2333I1, genomic survey sequence.//1.8e-32:180:98//AQ036891
- F-HEMBA1002780//Homo sapiens PAC clone DJ0244J05 from 5q31, complete sequence.//7.0e-06:199:67//AC004592
- 15 F-HEMBA1002794//H.sapiens mRNA for protein kinase C mu.//0.00015:244:67//X75756
- F-HEMBA1002801//Plasmodium falciparum MAL3P2, complete sequence.//0.0010:534:57//AL034558
- F-HEMBA1002810//Homo sapiens formin binding protein 21 mRNA, complete cds.//1.1e-167:820:97//AF071185
- F-HEMBA1002816//Homo sapiens clone NH0576N21, WORKING DRAFT SEQUENCE, 5 unordered pieces.//3.1e-113:254:90//AC005043
- 20 F-HEMBA1002818//Cricetulus griseus H411 precursor (H411) mRNA, complete cds.//1.2e-122:760:86//AF046870
- F-HEMBA1002826//Human DNA sequence from clone 23K20 on chromosome Xq25-26.2 Contains EST, STS, GSS, complete sequence.//0.0055:235:65//AL022153
- F-HEMBA1002833//Homo sapiens chromosome 17, clone hRPC:117_B_12, complete sequence.//1.4e-170:744:99//AC004707
- 25 F-HEMBA1002850//Ephedrus persicae NADH dehydrogenase 1 gene; mitochondrial gene encoding mitochondrial protein, partial cds.//1.3e-05:334:59//AF069186
- F-HEMBA1002863//CIT-HSP-2323A16.TF CIT-HSP Homo sapiens genomic clone 2323A16, genomic survey sequence.//2.9e-140:750:93//AQ028419
- 30 F-HEMBA1002876//HS_2270_B1_H03_MF CIT Approved Human Genomic Sperm Library D Homo sapiens genomic clone Plate=2270 Col=5 Row=P, genomic survey sequence.//0.44:163:64//AQ164031
- F-HEMBA1002886
- F-HEMBA1002896//Homo sapiens chromosome 5, P1 clone 793C5 (LBNL H58), complete sequence.//0.00015:277:61//AC005195
- 35 F-HEMBA1002921
- F-HEMBA1002924//CIT-HSP-2171H4.TR CIT-HSP Homo sapiens genomic clone 2171H4, genomic survey sequence.//0.0016:175:66//B89715
- F-HEMBA1002934//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 862K6, WORKING DRAFT SEQUENCE.//1.2e-169:797:98//AL031681
- 40 F-HEMBA1002935//Homo sapiens mRNA for KIAA0576 protein, partial cds.//4.9e-173:803:99//AB011148
- F-HEMBA1002937//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 702J19, WORKING DRAFT SEQUENCE.//1.2e-163:411:99//AL033531
- F-HEMBA1002939//RPCI11-74O14.TJ RPCI11 Homo sapiens genomic clone R-74O14, genomic survey sequence.//1.7e-41:215:99//AQ266676
- 45 F-HEMBA1002944//RPCI11-55C2.TV RPCI11 Homo sapiens genomic clone R-55C2, genomic survey sequence.//1.7e-37:375:74//AQ082240
- F-HEMBA1002951//Homo sapiens chromosome 19, cosmid F20887, complete sequence.//0.00074:683:58//AC005578
- F-HEMBA1002954//RPCI11-79F7.TV RPCI11 Homo sapiens genomic clone R-79F7, genomic survey sequence.//6.1e-24:250:78//AQ284146
- 50 F-HEMBA1002968//HS_2262_B2_G04_T7 CIT Approved Human Genomic Sperm Library D Homo sapiens genomic clone Plate=2262 Col=8 Row=N, genomic survey sequence.//0.99:270:60//AQ217059
- F-HEMBA1002970//RPCI11-5L24.TV RPCI11 Homo sapiens genomic clone RPCI11-5L24, genomic survey sequence.//1.4e-10:189:71//B49289
- 55 F-HEMBA1002971//CIT-HSP-2363L16.TF CIT-HSP Homo sapiens genomic clone 2363L16, genomic survey sequence.//4.3e-21:181:80//AQ080538
- F-HEMBA1002973//Rattus norvegicus Wistar 3',5'-cyclic AMP phosphodiesterase (PDE4-10) gene, exon 10.//2.5e-40:257:89//U01290

- F-HEMBA1002997//CIT-HSP-2387H15.TF.1 CIT-HSP Homo sapiens genomic clone 2387H15, genomic survey sequence.//9.5e-17:128:92//AQ240797
- F-HEMBA1002999//Rattus norvegicus lamina associated polypeptide-1C (LAP1C) mRNA, complete cds.//3.1e-62:713:73//U20286
- 5 F-HEMBA1003021//Homo sapiens clone DJ0847008, WORKING DRAFT SEQUENCE, 3 unordered pieces.//7.5e-50:331:85//AC005484
- F-HEMBA1003033//Drosophila melanogaster, chromosome 3L, region 62A10-62B5, P1 clones DS02777, DS03222, DS02345, and DS04808, complete sequence.//2.6e-20:357:66//AC005557
- 10 F-HEMBA1003034//Human DNA sequence from 4PTEL, Huntington's Disease Region, chromosome 4p16.3.//4.5e-60:415:73//Z95704
- F-HEMBA1003035//Homo sapiens chromosome Y, clone 264.M.20, complete sequence.//2.3e-05:591:57//AC004617
- F-HEMBA1003037//RPC11-88F2.TJ RPC11 Homo sapiens genomic clone R-88F2, genomic survey sequence.//0.68:230:60//AQ286677
- 15 F-HEMBA1003041//Homo sapiens PAC clone DJ1163J12 from 7q21.2-q31.1, complete sequence.//8.1e-128:550:94//AC004983
- F-HEMBA1003046//Homo sapiens mitochondrial processing peptidase beta-subunit mRNA, complete cds.//1.0e-164:777:98//AF054182
- 20 F-HEMBA1003064//Plasmodium falciparum 3D7 chromosome 12 PFYAC181 genomic sequence, WORKING DRAFT SEQUENCE, 8 unordered pieces.//1.5e-07:744:59//AC005505
- F-HEMBA1003067//Rat dynorphin gene, exon 3.//1.0:140:63//M32783
- F-HEMBA1003071//Homo sapiens alpha2-C4-adrenergic receptor gene, complete cds.//1.5e-20:595:65//U72648
- F-HEMBA1003077//CIT-HSP-2366J21.TF CIT-HSP Homo sapiens genomic clone 2366J21, genomic survey sequence.//4.4e-33:176:99//AQ080257
- 25 F-HEMBA1003078//Homo sapiens DNA sequence from PAC.262D12 on chromosome 1q23.3-24.3. Contains a Tenascin (Hexabrachion, Cytotactin, Neuroneurin, Myotendinous antigen)-LIKE gene and a mitochondrial/chloroplast 30S ribosomal protein S14-LIKE gene preceded by a CpG island. Contains ESTs, genomic marker D1S2691 and STSs.//9.4e-43:478:70//Z99297
- F-HEMBA1003079//Homo sapiens Xp22-132-134 BAC GSHB-590J15 (Genome Systems Human BAC library) complete sequence.//0.96:57:85//AC004673
- 30 F-HEMBA1003083//Homo sapiens PAC clone DJ1182N03 from 7q11.23-q21.1, complete sequence.//8.0e-74:359:81//AC004548
- F-HEMBA1003086//Homo sapiens chromosome 16 BAC clone CIT987SK-334D11 complete sequence.//3.6e-11:734:58//AF001550
- 35 F-HEMBA1003096//Sequence 4 from patent US 5440017.//5.7e-56:594:71//I13750
- F-HEMBA1003098//Human DNA sequence from cosmid SRL11M20, chromosome region 11p13. Contains EST and STS.//1.9e-09:230:69//Z83308
- F-HEMBA1003117//Mouse TIS11 primary response gene, complete cds.//0.00054:480:60//M58564
- 40 F-HEMBA1003129//HS_3139_B2_F05_T7 CIT Approved Human Genomic Sperm Library D Homo sapiens genomic clone Plate=3139 Col=10 Row=L, genomic survey sequence.//2.3e-100:510:97//AQ187635
- F-HEMBA1003133//Mouse BAC CitbCJ7 219m7, genomic sequence, complete sequence.//1.3e-78:370:90//AC005259
- F-HEMBA1003136
- 45 F-HEMBA1003142//Homo sapiens full-length insert cDNA clone ZC39B06.//6.9e-121:563:100//AF086197
- F-HEMBA1003148//Homo sapiens mRNA for dachshund protein.//6.7e-183:850:99//AJ005670
- F-HEMBA1003166//Homo sapiens Chromosome 16 BAC clone CIT987-SKA-345G4 ~complete genomic sequence, complete sequence.//3.8e-27:229:76//AC002302
- F-HEMBA1003175//Homo sapiens genomic DNA for centromeric end of MHC class I region on chromosome 6, WORKING DRAFT SEQUENCE.//9.4e-09:837:58//AB000882
- 50 F-HEMBA1003179//Homo sapiens DNA sequence from Fosmid 27C3 on chromosome 22q11.2-qter. Contains two possibly alternatively spliced unknown genes, one with homology to a worm protein. Contains ESTs, complete sequence.//5.4e-115:174:98//AL022325
- F-HEMBA1003197//Arabidopsis thaliana chromosome II BAC F15K20 genomic sequence, complete sequence.//1.1e-05:473:59//AC005824
- 55 F-HEMBA1003199//Rattus norvegicus Sprague-Dawley thyroid hormone receptor alpha gene, exon 1.//1.6e-05:367:61//U09302
- F-HEMBA1003202//Homo sapiens BAC clone RG437L15 from 8q21, complete sequence.//9.0e-23:247:73//AC004003

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F-HEMBA1003204//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 409J21, WORKING DRAFT SEQUENCE.//4.7e-26:141:83//Z83824

F-HEMBA1003212//Human Chromosome 11 Overlapping Cosmids cSRL72g7 and cSRL140b8, complete sequence.//1.9e-31:158:86//AC002037

5 F-HEMBA1003220//Homo sapiens chromosome 17, clone hRPC.971_F_3, WORKING DRAFT SEQUENCE, 1 ordered pieces.//3.4e-24:284:75//AC004150

F-HEMBA1003222//RPCI11-47P17.TJ RPCI11 Homo sapiens genomic clone R-47P17, genomic survey sequence.//8.7e-39:202:99//AQ202885

10 F-HEMBA1003229//Arabidopsis thaliana genomic DNA, chromosome 3, P1 clone: MEB5, complete sequence.//0.86:227:62//AB019230

F-HEMBA1003235//Plasmodium falciparum chromosome 2, section 10 of 73 of the complete sequence.//8.6e-05:372:61//AE001373

F-HEMBA1003250//HS-1063-A1-H02-MR.abi CIT Human Genomic Sperm Library C Homo sapiens genomic clone Plate=CT 796 Col=3 Row=O, genomic survey sequence.//0.00032:57:96//B46142

15 F-HEMBA1003257//H.sapiens mRNA for RDC-1 POU domain containing protein.//2.2e-08:531:59//X64624

F-HEMBA1003273//H.sapiens flow-sorted chromosome 6 HindIII-fragment, SC6pA19H4.//0.070:267:64//Z78949

F-HEMBA1003276//CIT-HSP-2301B4.TF CIT-HSP Homo sapiens genomic clone 2301B4, genomic survey sequence.//5.2e-08:295:63//AQ015073

20 F-HEMBA1003278//HS_3075_A1_G09_MF CIT Approved Human Genomic Sperm Library D Homo sapiens genomic clone Plate=3075 Col=17 Row=M, genomic survey sequence.//0.98:399:58//AQ120599

F-HEMBA1003281//High throughput sequencing of human chromosome 12, WORKING DRAFT SEQUENCE, 1 ordered pieces.//4.8e-101:277:97//AC005840

F-HEMBA1003286//Homo sapiens chromosome 3q13 beta-1,4-galactosyltransferase mRNA, complete cds.//9.0e-145:539:97//AF038662

25 F-HEMBA1003291//Homo sapiens mRNA for KIAA0537 protein, complete cds.//5.0e-166:799:98//AB011109

F-HEMBA1003296//CITBI-E1-2507M8.TR CITBI-E1 Homo sapiens genomic clone 2507M8, genomic survey sequence.//1.9e-05:388:63//AQ262551

F-HEMBA1003304//Budworm mitochondrial partial transfer RNA-Met (tRNA-Met) gene, and partial 12S ribosomal RNA (12S rRNA) gene.//8.0e-05:388:62//L17343

30 F-HEMBA1003309//Crassostrea gigas clone CN20 microsatellite sequence.//0.0017:210:64//AF051177

F-HEMBA1003314//Homo sapiens mRNA for leucine zipper bearing kinase, complete cds.//4.6e-188:865:99//AB001872

F-HEMBA1003322//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 169I5, WORKING DRAFT SEQUENCE.//2.4e-54:316:87//Z93015

35 F-HEMBA1003327//CIT-HSP-2024C24.TRB CIT-HSP Homo sapiens genomic clone 2024C24, genomic survey sequence.//8.4e-12:166:76//B67147

F-HEMBA1003328//HS_2230_B2_H08_MR CIT Approved Human Genomic Sperm Library D Homo sapiens genomic clone Plate=2230 Col=16 Row=P, genomic survey sequence.//0.026:128:71//AQ153313

F-HEMBA1003330//Homo sapiens wbscr1 (WBSR1) and replication factor C subunit 2 (RFC2) genes, complete cds.//4.0e-160:745:99//AF045555

40 F-HEMBA1003348//HS_3194_A1_G05_MR CIT Approved Human Genomic Sperm Library D Homo sapiens genomic clone Plate=3194 Col=9 Row=M, genomic survey sequence.//5.0e-79:381:99//AQ173779

F-HEMBA1003369//H.vulgare GAA-satellite DNA.//0.12:89:71//Z50100

F-HEMBA1003370//Homo sapiens cosmid 123E15, complete sequence.//3.5e-32:199:80//AF024533

45 F-HEMBA1003373//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 537K23, WORKING DRAFT SEQUENCE.//0.019:117:71//AL034405

F-HEMBA1003376//Human clone HS4.66 Alu-Ya5 sequence.//4.2e-30:196:85//U67229

F-HEMBA1003380//Homo sapiens DNA sequence from clone 394P21 on chromosome 1p36.12-36.13. Contains the PAX7 gene, locus D1S2644, ESTs and STSs, complete sequence.//4.6e-22:206:81//AL021528

50 F-HEMBA1003384//Homo sapiens clone GS096J14, WORKING DRAFT SEQUENCE, 3 unordered pieces.//0.00094:72:90//AC006026

F-HEMBA1003395//Plasmodium falciparum DNA *** SEQUENCING IN PROGRESS *** from MAL1P1, WORKING DRAFT SEQUENCE.//0.00041:826:57//AL031744

F-HEMBA1003402//CIT-HSP-2339K16.TR CIT-HSP Homo sapiens genomic clone 2339K16, genomic survey sequence.//2.4e-05:265:64//AQ056234

55 F-HEMBA1003403//Homo sapiens chromosome 4 clone B353C18 map 4q25, complete sequence.//4.3e-135:780:90//AC004066

F-HEMBA1003408

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- F-HEMBA1003417//Human DNA sequence from clone 496N17 on chromosome 6p11.2-12.3 Contains EST, GSS, complete sequence.//1.9e-41:239:95//AL031321
- F-HEMBA1003418//Rattus norvegicus Wistar polymeric immunoglobulin receptor (PIGR) gene, 3'UTR and trinucleotide repeat microsatellites.//2.2e-06:247:64//U08273
- 5 F-HEMBA1003433//Homo sapiens nibrin (NBS) mRNA, complete cds.//1.4e-149:697:99//AF051334
- F-HEMBA1003447//Homo sapiens chromosome 4 clone B353C18 map 4q25, complete sequence.//1.7e-77:461:90//AC004066
- F-HEMBA1003461//Rhodobacter sphaeroides FliH (fliH) gene, partial cds, FliI (fliI) and FliJ (fliJ) genes, complete cds.//8.6e-08:752:58//U31090
- 10 F-HEMBA1003463//Homo sapiens chromosome 17, clone HCIT305D20, complete sequence.//0.089:172:68//AC004098
- F-HEMBA1003480//Homo sapiens clone NH0523H20, complete sequence.//4.5e-150:562:97//AC005041
- F-HEMBA1003528//Streptomyces fradiae gene for trypsinogen precursor, complete cds.//4.7e-09:433:60//D16687
- F-HEMBA1003531//Homo sapiens PAC clone DJ1185I07 from 7q11.23-q21, complete sequence.//2.3e-48:297:90//AC004990
- 15 F-HEMBA1003538//Human complement C1r mRNA, complete cds.//4.3e-22:474:63//M14058
- F-HEMBA1003545//Rattus norvegicus (clone 1.6kb) islet-2 mRNA, complete cds.//3.5e-143:805:91//L35571
- F-HEMBA1003548
- F-HEMBA1003555//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 447E6, WORKING DRAFT SEQUENCE.//3.4e-58:331:83//AL031724
- 20 F-HEMBA1003556//Homo sapiens Xp22-175-176 BAC GSHB-484017 (Genome Systems Human BAC Library) complete sequence.//6.0e-99:703:84//AC005913
- F-HEMBA1003560//Bovine GTP-binding regulatory protein gamma-6 subunit mRNA, complete cds.//1.3e-99:587:89//J05071
- 25 F-HEMBA1003568//HS_3149_A1_C04_MR CIT Approved Human Genomic Sperm Library D Homo sapiens genomic clone Plate=3149 Col=7 Row=E, genomic survey sequence.//4.1e-05:389:57//AQ166810
- F-HEMBA1003569//Homo sapiens BAC clone NH0335J18 from 2, complete sequence.//1.6e-102:669:85//AC005539
- F-HEMBA1003571//Dictyostelium discoideum RegA (regA) gene, complete cds.//0.00033:649:58//U60170
- 30 F-HEMBA1003579//Plasmodium falciparum DNA *** SEQUENCING IN PROGRESS *** from MAL1P1, WORKING DRAFT SEQUENCE.//0.00034:623:56//AL031744
- F-HEMBA1003581//Mouse mRNA for talin.//3.3e-41:181:86//X56123
- F-HEMBA1003591//Homo sapiens chromosome 16, BAC clone RPCI-11_192K18, complete sequence.//4.4e-70:273:94//AC006075
- 35 F-HEMBA1003595//Plasmodium falciparum chromosome 2, section 32 of 73 of the complete sequence.//6.0e-17:768:58//AE001395
- F-HEMBA1003597//Plasmodium falciparum chromosome 2, section 35 of 73 of the complete sequence.//4.0e-09:777:56//AE001398
- F-HEMBA1003598//Homo sapiens PAC clone DJ0537P09 from 7p11.2-p12, complete sequence.//1.3e-146:692:98//AC005153
- 40 F-HEMBA1003615//HS_2010_A2_A07_MR CIT Approved Human Genomic Sperm Library D Homo sapiens genomic clone Plate=2010 Col=14 Row=A, genomic survey sequence.//1.1e-22:137:97//AQ226592
- F-HEMBA1003617//Homo sapiens HRIHFB2157 mRNA, partial cds.//2.4e-169:501:97//AB015344
- F-HEMBA1003621//Mus musculus PIAS3 mRNA, complete cds.//4.7e-37:165:92//AF034080
- 45 F-HEMBA1003622//Plasmodium falciparum 3D7 chromosome 12 PFYAC336 genomic sequence, WORKING DRAFT SEQUENCE, 5 unordered pieces.//0.0024:514:58//AC005139
- F-HEMBA1003630//CIT-HSP-2168N15.TR CIT-HSP Homo sapiens genomic clone 2168N15, genomic survey sequence.//6.5e-15:358:63//B92984
- F-HEMBA1003637//Homo sapiens clone RG228D17, WORKING DRAFT SEQUENCE, 2 unordered pieces.//5.0e-21:238:76//AC005077
- 50 F-HEMBA1003640//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 112K5, WORKING DRAFT SEQUENCE.//2.3e-15:371:63//Z85987
- F-HEMBA1003645//A.thaliana 81kb genomic sequence.//1.0:529:57//X98130
- F-HEMBA1003646
- 55 F-HEMBA1003656
- F-HEMBA1003662//Homo sapiens chromosome 17, clone hRPK.332_H_18, complete sequence.//1.6e-175:824:98//AC005746
- F-HEMBA1003667//Homo sapiens chromosome 12p13.3, WORKING DRAFT SEQUENCE, 21 unordered pieces.

- es.//1.1e-24:190:87//AC004765
 F-HEMBA1003679//Homo sapiens BAC clone RG114B19 from 7q31.1, complete sequence.//1.7e-162:579:99//AC005065
 F-HEMBA1003680//H.sapiens DNA sequence.//7.3e-22:172:87//Z22322
 5 F-HEMBA1003684//H.sapiens mRNA for Miz-1 protein.//0.0054:146:70//Y09723
 F-HEMBA1003690//Homo sapiens antigen NY-CO-9 (NY-CO-9) mRNA, partial cds.//2.9e-72:606:77//AF039691
 F-HEMBA1003692
 F-HEMBA1003711//Homo sapiens chromosome 17, clone HRPC41C23, complete sequence.//0.55:450:60//AC003101
 10 F-HEMBA1003714
 F-HEMBA1003715//Human DNA sequence from clone 931E15 on chromosome Xq25. Contains STSs, GSSs and genomic marker DXS8098, complete sequence.//3.0e-16:316:68//AL023575
 F-HEMBA1003720//Homo sapiens chromosome 4 clone B227H22 map 4q25, complete sequence.//1.3e-41:483:73//AC004056
 15 F-HEMBA1003725//CIT-HSP-2351H9.TF CIT-HSP Homo sapiens genomic clone 2351H9, genomic survey sequence.//1.1e-112:532:99//AQ079348
 F-HEMBA1003729//HS_3043_A1_E07_MR CIT Approved Human Genomic Sperm Library D Homo sapiens genomic clone Plate=3043 Col=13 Row=I, genomic survey sequence.//1.6e-12:87:98//AQ129345
 F-HEMBA1003733//Homo sapiens, clone hRPK.15_A_1, complete sequence.//4.7e-104:761:82//AC006213
 20 F-HEMBA1003742//HS_3027_A2_B02_MF CIT Approved Human Genomic Sperm Library D Homo sapiens genomic clone Plate=3027 Col=4 Row=C, genomic survey sequence.//3.4e-08:67:97//AQ154731
 F-HEMBA1003758//CIT-HSP-2379D18.TR CIT-HSP Homo sapiens genomic clone 2379D18, genomic survey sequence.//2.9e-10:310:63//AQ113513
 F-HEMBA1003760//Mus musculus hypoxia inducible factor three alpha mRNA, complete cds.//6.4e-114:714:86//AF060194
 25 F-HEMBA1003773//Plasmodium falciparum 3D7 chromosome 12 PFYAC336 genomic sequence, WORKING DRAFT SEQUENCE, 5 unordered pieces.//0.078:378:58//AC005139
 F-HEMBA1003783//Human DNA sequence from PAC 509L4 on chromosome 6q22.1-6q22.33. Contains SSX3 like pseudogene, EST, STS.//9.0e-135:804:89//Z99496
 30 F-HEMBA1003784//Caenorhabditis elegans cosmid C55B6.//0.054:463:58//U88181
 F-HEMBA1003799//Homo sapiens Chromosome 22q11.2 Cosmid Clone 105a In DGCR Region, complete sequence.//1.9e-44:425:76//AC000070
 F-HEMBA1003803//Oryctolagus cuniculus troponin T cardiac isoform mRNA, 3' end of cds.//0.95:198:62//L40178
 35 F-HEMBA1003804//Homo sapiens chromosome 17, clone hCIT.175_E_5, complete sequence.//1.2e-138:275:99//AC004596
 F-HEMBA1003805//Mus musculus quaking type I (QKI) mRNA, complete cds.//6.6e-148:753:95//U44940
 F-HEMBA1003807//HS-1068-B1-G06-MR.abi CIT Human Genomic Sperm Library C Homo sapiens genomic clone Plate=CT 278 Col=11 Row=N, genomic survey sequence.//6.7e-07:241:67//B47212
 F-HEMBA1003827//Homo sapiens mRNA for KIAA0616 protein, partial cds.//1.0e-83:586:87//AB014516
 40 F-HEMBA1003836//S.cerevisiae chromosome IX cosmid 9150.//5.1e-16:368:63//Z38125
 F-HEMBA1003838//CIT-HSP-384J15.TR CIT-HSP Homo sapiens genomic clone 384J15, genomic survey sequence.//1.4e-45:180:90//B54810
 F-HEMBA1003856//Homo sapiens chromosome 10 clone CIT9875K-1188B12 map 10p12.1, complete sequence.//0.0014:574:58//AC005875
 45 F-HEMBA1003864//, complete sequence.//2.1e-91:234:95//AC005300
 F-HEMBA1003866//Mus musculus semaphorin VIa mRNA, complete cds.//5.9e-81:853:71//AF030430
 F-HEMBA1003879//H.sapiens CBP80 mRNA.//2.0e-08:87:95//X80030
 F-HEMBA1003880//Homo sapiens genomic DNA, chromosome 21q11.1, segment 7/28, WORKING DRAFT SEQUENCE.//1.7e-180:853:98//AP000036
 50 F-HEMBA1003885//Homo sapiens PAC clone DJ0167F23 from 7p15, complete sequence.//4.5e-39:376:67//AC004079
 F-HEMBA1003893//H.sapiens CpG island DNA genomic MseI fragment, clone 11b6, forward read cpG11b6.ft1a.//3.6e-32:173:99//Z59012
 F-HEMBA1003902//RPCI11-26M20.TPB RPCI-11 Homo sapiens genomic clone RPCI-11-26M20, genomic survey sequence.//8.2e-12:422:61//AQ003455
 55 F-HEMBA1003908//Plasmodium falciparum chromosome 2, section 38 of 73 of the complete sequence.//0.0063:468:58//AE001401
 F-HEMBA1003926//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 310O13, WORKING

DRAFT SEQUENCE //3.6e-27:278:76//AL031658
 F-HEMBA1003937//Homo sapiens chromosome 3 subtelomeric region //1.4e-55:315:81//AF109718
 F-HEMBA1003939//HS-1047-A1-G04-MF.abi CIT Human Genomic Sperm Library C Homo sapiens genomic clone
 Plate=CT 830 Col=7 Row=M, genomic survey sequence //6.1e-09:413:63//B38195
 5 F-HEMBA1003942//Plasmodium falciparum 3D7 chromosome 12 PFYACB8-420 genomic sequence, WORKING
 DRAFT SEQUENCE, 14 unordered pieces //0.42:205:65//AC005140
 F-HEMBA1003950//M.capricolum DNA for CONTIG MC072 //0.029:458:58//Z33058
 F-HEMBA1003953//HS_2268_A1_B04_MF CIT Approved Human Genomic Sperm Library D Homo sapiens ge-
 nomic clone Plate=2268 Col=7 Row=C, genomic survey sequence //9.0e-07:239:64//AQ085098
 10 F-HEMBA1003958//Homo sapiens PAC clone DJ0808G16 from 7q11.23-q21, complete sequence //2.8e-57:424:
 74//AC004894
 F-HEMBA1003959//RPC11-78E8.TV RPC11 Homo sapiens genomic clone R-78E8, genomic survey sequence //
 4.3e-86:441:9611AQ285498
 F-HEMBA1003976//HS_3146_A1_H09_T7 CIT Approved Human Genomic Sperm Library D Homo sapiens ge-
 nomic clone Plate=3146 Col=17 Row=O, genomic survey sequence //6.3e-10:129:80//AQ141146
 15 F-HEMBA1003978
 F-HEMBA1003985//Caenorhabditis elegans DNA *** SEQUENCING IN PROGRESS *** from clone Y105C5,
 WORKING DRAFT SEQUENCE //1.0:258:60//Z98855
 F-HEMBA1003987
 20 F-HEMBA1003989//Streptomyces coelicolor cosmid 1A9 //0.40:238:61//AL034446
 F-HEMBA1004000//Rattus norvegicus satellite sequence d0Mco2 //2.0e-07:116:70//U19354
 F-HEMBA1004011//Plasmodium falciparum 3D7 chromosome 12 PFYAC588 genomic sequence, WORKING
 DRAFT SEQUENCE, 2 unordered pieces //0.098:286:60//AC004710
 F-HEMBA1004012//Homo sapiens chromosome 17, clone hRPK.63_A_1, complete sequence //2.8e-185:896:97//
 25 AC005670
 F-HEMBA1004015//Homo sapiens chromosome 17, clone hRPK.721_K_1, complete sequence //6.3e-68:417:80//
 AC005411
 F-HEMBA1004024//Homo sapiens Xp22-83 BAC GSHB-324M7 (Genome Systems Human BAC Library) complete
 sequence //2.0e-47:418:77//AC005859
 30 F-HEMBA1004038//Homo sapiens genomic DNA, chromosome 21q11.1 segment 23/28, WORKING DRAFT SE-
 QUENCE //1.6e-51:564:74//AP000052
 F-HEMBA1004042//Plasmodium falciparum chromosome 2, section 35 of 73 of the complete sequence //1.2e-05:
 636:55//AE001398
 F-HEMBA1004045//Homo sapiens (subclone 1_g7 from BAC H76) DNA sequence, complete sequence //1.9e-31:
 35 373:76//AC002252
 F-HEMBA1004048//Homo sapiens DNA for P35-related protein, exon 2 //0.039:234:63//D63393
 F-HEMBA1004049//Homo sapiens Xp22 GS-524I1 (Genome Systems Human BAC library), complete sequence //
 4.8e-135:780:89//AC003106
 F-HEMBA1004055//Human chromosome 3p21.1 gene sequence //4.7e-09:457:58//L13435
 40 F-HEMBA1004056//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 447C4, WORKING
 DRAFT SEQUENCE //3.3e-25:246:77//AL021977
 F-HEMBA1004074//CIT-HSP-2053J5.TF CIT-HSP Homo sapiens genomic clone 2053J5, genomic survey se-
 quence //7.8e-24:233:76//B68555
 F-HEMBA1004086//Saccharomyces douglasii mitochondrial tRNA-Ser and tRNA-Phe genes, partial sequence,
 45 and Var1p (var1) gene, mitochondrial gene encoding mitochondrial protein, complete cds //4.5e-08:614:59//
 U49822
 F-HEMBA1004097//Mus musculus putative transcription factor mRNA, complete cds //5.9e-121:502:85//
 AF091234
 F-HEMBA1004111//*** SEQUENCING IN PROGRESS *** Homo sapiens chromosome 4, BAC clone C0481P14;
 50 HTGS phase 1, WORKING DRAFT SEQUENCE, 7 unordered pieces //2.0e-36:317:80//AC006160
 F-HEMBA1004131//Mus musculus clone OST2067, genomic survey sequence //8.7e-24:320:71//AF046393
 F-HEMBA1004132//HS_3226_B1_D10_T7 CIT Approved Human Genomic Sperm Library D Homo sapiens ge-
 nomic clone Plate=3226 Col=19 Row=H, genomic survey sequence //9.7e-13:232:71//AQ182017
 F-HEMBA1004133
 55 F-HEMBA1004138//HS_3036_B1_G11_MR CIT Approved Human Genomic Sperm Library D Homo sapiens ge-
 nomic clone Plate=3036 Col=21 Row=N, genomic survey sequence //0.0035:165:64//AQ294763
 F-HEMBA1004143
 F-HEMBA1004146

- F-HEMBA1004150//Human DNA sequence from PAC 52D1 on chromosome Xq21. Contains CA repeats, STS.//
0.00011:618:60//Z96811
- F-HEMBA1004164//Homo sapiens Xp22-175-176 BAC GSHB-484O17 (Genome Systems Human BAC Library)
complete sequence.//2.9e-30:454:68//AC005913
- 5 F-HEMBA1004168//Homo sapiens geminin mRNA, complete cds.//4.5e-133:649:97//AF067855
- F-HEMBA1004199
- F-HEMBA1004200//HS_2015_A1_B05_T7 CIT Approved Human Genomic Sperm Library D Homo sapiens ge-
nomic clone Plate=2015 Col=9 Row=C, genomic survey sequence.//8.5e-34:236:87//AQ247957
- 10 F-HEMBA1004202//Mus musculus chromosome 11, clone mCIT.268_P_23, complete sequence.//7.8e-59:216:
83//AC004807
- F-HEMBA1004203//Homo sapiens clone NH0313P13, WORKING DRAFT SEQUENCE, 15 unordered pieces.//
6.3e-98:173:98//AC005488
- F-HEMBA1004207//Homo sapiens leptin receptor short form (db) mRNA, complete cds.//3.2e-166:791:98//
U50748
- 15 F-HEMBA1004225//Plasmodium falciparum chromosome 2, section 61 of 73 of the complete sequence.//6.5e-08:
584:60//AE001424
- F-HEMBA1004227//Rattus norvegicus protein phosphatase 2C mRNA, complete cds.//8.0e-115:713:86//
AF095927
- F-HEMBA1004238
- 20 F-HEMBA1004241//CIC5B11.1 check: 4870 from: 1 to: 167234, complete sequence.//0.57:552:58//AC004708
- F-HEMBA1004246//Human DNA sequence from clone 422F24 on chromosome 6q24.1-25.2. Contains a novel
gene similar to C. elegans C02C2.5. Contains ESTs, STSs and GSSs, complete sequence.//6.1e-21:254:77//
AL031010
- F-HEMBA1004248//Rattus rattus insulin-induced growth-respons.protein (CL-6) mRNA, complete cds.//1.7e-30:
315:74//L13619
- 25 F-HEMBA1004264//Homo sapiens cosmid clone LUCA20 from 3p21.3, complete sequence.//4.4e-07:674:60//
AC004693
- F-HEMBA1004267//Homo sapiens chromosome 17, clone hRPC.117_B_12, complete sequence.//3.1e-78:335:
87//AC004707
- 30 F-HEMBA1004272//Homo sapiens 12p13.3 PAC RPC15-1180D12 (Roswell Park Cancer Institute Human PAC
Library) complete sequence.//1.4e-176:856:97//AC005831
- F-HEMBA1004274//HS_3064_B2_A04_MF CIT Approved Human Genomic Sperm Library D Homo sapiens ge-
nomic clone Plate=3064 Col=8 Row=B, genomic survey sequence.//3.1e-28:153:100//AQ136993
- 35 F-HEMBA1004275//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 501A4, WORKING
DRAFT SEQUENCE.//5.2e-17:109:99//Z98051
- F-HEMBA1004276//CIT-HSP-2387K6.TF.1 CIT-HSP Homo sapiens genomic clone 2387K6, genomic survey se-
quence.//5.0e-07:63:98//AQ240477
- F-HEMBA1004286//Homo sapiens TGF beta receptor associated protein-1 mRNA, complete cds.//2.1e-185:868:
99//AF022795
- 40 F-HEMBA1004289//Arabidopsis thaliana genomic DNA, chromosome 5, P1 clone: MQN23, complete sequence.//
1.0:387:59//AB013395
- F-HEMBA1004295//Homo sapiens DNA, anonymous heat-stable fragment RP11-3A.//7.8e-06:92:89//AB012254
- F-HEMBA1004306//Homo sapiens clone DJ0811N16, complete sequence.//0.00037:413:59//AC004897
- F-HEMBA1004312//Rickettsia prowazekii strain Madrid E, complete genome; segment 2/4.//0.28:522:57//
AJ235271
- 45 F-HEMBA1004321//Homo sapiens chromosome 19, BAC CIT-B-191n6, complete sequence.//7.1e-136:548:92//
AC006130
- F-HEMBA1004323//Human DNA sequence from PAC 450C20 on chromosome X.//1.3e-32:320:65//Z84720
- F-HEMBA1004327//Homo sapiens mRNA for KIAA0522 protein, partial cds.//0.93:222:62//AB011094
- 50 F-HEMBA1004330//Homo sapiens clone DJ1196H06, WORKING DRAFT SEQUENCE, 4 unordered pieces.//
7.0e-168:895:93//AC004995
- F-HEMBA1004334//Homo sapiens Xp22 BAC 620F15 (Genome Systems BAC library) complete sequence.//4.6e-
73:713:75//AC002980
- F-HEMBA1004335//Human DNA-sequence *** SEQUENCING IN PROGRESS *** from clone 417M14, WORKING
DRAFT SEQUENCE.//1.3e-25:121:85//AL024498
- 55 F-HEMBA1004341
- F-HEMBA1004353//**ALU WARNING: Human Alu-Sc subfamily consensus sequence.//6.4e-38:278:85//U14571
- F-HEMBA1004354//Human clone C3 CHL1 protein (CHLR1) mRNA, alternatively spliced, complete cds.//4.1e-45:

190:92//J75968
 F-HEMBA1004356
 F-HEMBA1004366//P.falciparum complete gene map of plastid-like DNA (IR-A)//2.2e-07:736:57//X95275
 F-HEMBA1004372//H.sapiens dystrophin gene intron 44//1.0:129:62//X77644
 5 F-HEMBA1004389//Mouse interleukin 2 receptor (p55 IL-2R) mRNA:5' end//4.7e-42:237:94//M21977
 F-HEMBA1004394//Plasmodium falciparum chromosome 2, section 39 of 73 of the complete sequence//5.2e-05:
 519:59//AE001402
 F-HEMBA1004396//Human BAC clone RG302F04 from 7q31, complete sequence//4.0e-32:261:76//AC002463
 F-HEMBA1004405//Plasmodium falciparum 3D7 chromosome 12 PFYACB8-628 genomic sequence, WORKING
 10 DRAFT SEQUENCE, 9 unordered pieces//1.4e-07:693:58//AC005507
 F-HEMBA1004408//Homo sapiens clone NH0469M07, WORKING DRAFT SEQUENCE, 7 unordered pieces//
 1.2e-69:195:100//AC005037
 F-HEMBA1004429//HS_3193_A1_B06_T7 CIT Approved Human Genomic Sperm Library D Homo sapiens ge-
 nomic clone Plate=3193 Col=11 Row=C, genomic survey sequence//5.1e-67:386:91//AQ172942
 15 F-HEMBA1004433//Human Chromosome 11p11.2 PAC clone pDJ404m15, complete sequence//3.2e-27:242:82//
 AC002554
 F-HEMBA1004460//Homo sapiens clone DJ0647C14, WORKING DRAFT SEQUENCE, 21 unordered pieces//
 1.7e-75:590:81//AC004846
 F-HEMBA1004461//Human DNA sequence from clone 657J8 on chromosome Xq26.1-26.3 Contains GSS, com-
 20 plete sequence//0.045:215:66//AL034407
 F-HEMBA1004479//Mus musculus hypoxia inducible factor three alpha mRNA, complete cds//5.2e-43:364:79//
 AF060194
 F-HEMBA1004482//Plasmodium falciparum 3D7 chromosome 12 PFYAC181 genomic sequence, WORKING
 DRAFT SEQUENCE, 8 unordered pieces//6.8e-17:791:59//AC005505
 25 F-HEMBA1004499//Homo sapiens chromosome 17, clone hRPC.1073.F_15, complete sequence//4.4e-125:251:
 94//AC004686
 F-HEMBA1004502//Plasmodium falciparum 3D7 chromosome 12 PFYAC1122 genomic sequence, WORKING
 DRAFT SEQUENCE, 3 unordered pieces//0.012:635:57//AC004709
 F-HEMBA1004506//Homo sapiens PAC clone DJ0844F09 from 7p12-p13, complete sequence//2.8e-127:766:
 30 88//AC004453
 F-HEMBA1004507
 F-HEMBA1004509//Arabidopsis thaliana DNA chromosome 4, BAC clone T1014 (ESSAII project)//1.0e-13:244:
 67//AL021712
 F-HEMBA1004534//Human mRNA for actin-binding protein (filamin) (ABP-280)//1.6e-72:678:74//X53416
 35 F-HEMBA1004538//Sequence 1 from patent US 5612190//0.00015:416:59//I36871
 F-HEMBA1004542//Homo sapiens clone NH0486I22, WORKING DRAFT SEQUENCE, 5 unordered pieces//0.95:
 202:64//AC005038
 F-HEMBA1004554//Arabidopsis thaliana BAC T26D22//0.45:624:56//AF058826
 F-HEMBA1004560//Human mRNA for KIAA0281 gene, complete cds//9.1e-10:173:70//D87457
 40 F-HEMBA1004573//Human BAC clone RG114A06 from 7q31, complete sequence//6.1e-23:134:73//AC002542
 F-HEMBA1004577//Homo sapiens Chromosome 16 BAC clone CIT987SK-582J2, complete sequence//1.6e-15:
 190:77//AC004525
 F-HEMBA1004586//Homo sapiens clone DJ0810E06, WORKING DRAFT SEQUENCE, 8 unordered pieces//
 3.1e-31:388:76//AC004895
 45 F-HEMBA1004596//RPC11-81O21.TJ RPC11 Homo sapiens genomic clone R-81O21, genomic survey se-
 quence//2.2e-90:458:90//AQ285136
 F-HEMBA1004604//Mus musculus COP9 complex subunit 7a (COPS7a) mRNA, complete cds//8.6e-105:699:
 84//AF071316
 F-HEMBA1004610//Homo sapiens PAC clone DJ1163J12 from 7q21.2-q31.1, complete sequence//5.4e-20:267:
 50 72//AC004983
 F-HEMBA1004617//CIT-HSP-2319H15.TF CIT-HSP Homo sapiens genomic clone 2319H15, genomic survey se-
 quence//6.2e-26:147:99//AQ034944
 F-HEMBA1004629//Plasmodium falciparum 3D7 chromosome 12 PFYAC1383 genomic sequence, WORKING
 DRAFT SEQUENCE, 3 unordered pieces//5.6e-06:766:56//AC005504
 55 F-HEMBA1004631//Human DNA sequence from PAC 368A4 on chromosome X. Contains ESTs, CELLULAR NU-
 CLEIC ACID BINDING PROTEIN (CNBP) like gene and STSs//4.7e-73:412:92//Z83843
 F-HEMBA1004632//Canine herpesvirus DNA for gene homolog of HSV1 UL16, EHV1 ORF 46, VZV ORF 44//
 0.92:181:61//X90418

- F-HEMBA1004637//G.gallus mRNA for LRP/alpha-2-macroglobulin receptor.//7.8e-47:784:65//X74904
 F-HEMBA1004638//Rattus norvegicus homeodomain protein Nkx6.1 (nkx6.1) mRNA, complete cds.//6.4e-06:458:61//AF004431
- 5 F-HEMBA1004666//Caenorhabditis elegans DNA *** SEQUENCING IN PROGRESS *** from clone Y47D3, WORKING DRAFT SEQUENCE.//0.30:733:55//Z98865
 F-HEMBA1004669//Human DNA sequence from clone 465N24 on chromosome 1p35.1-36.13. Contains two novel genes, ESTs, GSSs and CpG islands, complete sequence.//7.5e-136:521:98//AL031432
 F-HEMBA1004670//Homo sapiens Chromosome 22q12 Cosmid Clone p90g5, complete sequence.//0.43:365:59//AC000045
- 10 F-HEMBA1004672
 F-HEMBA1004693//Plasmodium falciparum 3D7 chromosome 12 PFYAC492 genomic sequence, WORKING DRAFT SEQUENCE, 5 unordered pieces.//0.096:651:54//AC005308
 F-HEMBA1004697//CIT-HSP-2326C13.TR CIT-HSP Homo sapiens genomic clone 2326C13, genomic survey sequence.//0.23:238:65//AQ040642
- 15 F-HEMBA1004705//Homo sapiens Xp22 Cosmid U151G1 (from Lawrence Livermore X library) and PAC RPC11-93D11 (from Roswell Park Cancer Center) complete sequence.//2.1e-27:375:72//AC002357
 F-HEMBA1004709//Homo sapiens Xp22-150 BAC GSHB-309P15 (Genome Systems Human BAC Library) complete sequence.//1.6e-36:191:91//AC006210
 F-HEMBA1004711//Homo sapiens chromosome 17, clone hRPK.271_K_11, complete sequence.//1.1e-133:639:99//AC005562
- 20 F-HEMBA1004725//RPC11-75013.TJ RPC111 Homo sapiens genomic clone R-75O13, genomic survey sequence.//6.2e-32:169:100//AQ266512
 F-HEMBA1004730//Human BAC clone RG035E18 from 7q31, complete sequence.//8.0e-68:732:72//AC004029
 F-HEMBA1004733//CIT-HSP-2305M23.TF CIT-HSP Homo sapiens genomic clone 2305M23, genomic survey sequence.//4.9e-18:209:69//AQ017556
- 25 F-HEMBA1004734//Arabidopsis thaliana ubiquitin-conjugating enzyme 17 (UBC17) mRNA, complete cds.//1.8e-13:451:62//AF028340
 F-HEMBA1004736//Human DNA Sequence from PAC 436M11 on chromosome Xp22.11-22.2. Contains the serine threonine protein phosphatase gene PPEF1, and the first coding exon of the RS1 gene for retinosis (X-linked, juvenile) 1 (XLR51). Contains ESTs, an STS and GSSs, complete sequence.//5.0e-87:646:78//Z94056
 F-HEMBA1004748//Human BAC clone RG204I16 from 7q31, complete sequence.//0.24:526:57//AC002461
 F-HEMBA1004751//Homo sapiens clone DJ0876A24, WORKING DRAFT SEQUENCE, 6 unordered pieces.//1.4e-25:268:76//AC004913
- 30 F-HEMBA1004752//R.norvegicus mRNA for leucocyte common antigen-related protein (3941 bp).//1.1e-07:503:61//X83546
 F-HEMBA1004753//Homo sapiens Chromosome 12 Cosmid Clone 6e5, complete sequence.//4.5e-38:314:81//AC000028
 F-HEMBA1004756//Homo sapiens, complete sequence.//1.4e-111:326:84//AC005854
 F-HEMBA1004758//Sequence 29 from patent US 5534410.//3.9e-135:769:91//I23472
- 40 F-HEMBA1004763//Homo sapiens apoptosis inhibitor survivin gene, complete cds.//3.6e-47:404:79//U75285
 F-HEMBA1004768//Homo sapiens PAC clone DJ0979P20 from 7q33-q35, complete sequence.//6.7e-107:890:78//AC004941
 F-HEMBA1004770//Plasmodium falciparum 3D7 chromosome 12 PFYAC1122 genomic sequence, WORKING DRAFT SEQUENCE, 3 unordered pieces.//7.9e-09:806:59//AC004709
- 45 F-HEMBA1004771//G.muris ribosomal RNA operon DNA encoding 16S, 23S and 5.8S ribosomal RNA.//0.69:239:61//X65063
 F-HEMBA1004776
 F-HEMBA1004778
- 50 F-HEMBA1004795//Drosophila melanogaster A-kinase anchor protein DAKAP550 mRNA, partial cds.//3.4e-46:778:64//AF003622
 F-HEMBA1004803//Homo sapiens chromosome Y, clone 264.M.20, complete sequence.//4.3e-82:580:82//AC004617
 F-HEMBA1004806//Homo sapiens BAC clone RG281G05 from 7p15-p21, complete sequence.//5.4e-07:642:59//AC005083
- 55 F-HEMBA1004807//Human HIV1 tata element modulatory factor mRNA sequence from chromosome 3.//1.4e-46:171:92//L01042
 F-HEMBA1004816//Homo sapiens calpastatin (CAST) gene, exons 10-14.//3.5e-31:546:66//M86257
 F-HEMBA1004820//C.botulinum progenitor toxin complex genes.//0.0014:343:62//X87972

- F-HEMBA1004847//Canine mRNA for 68kDA subunit of signal recognition particle (SRP68)//1.5e-85:512:88//X53744
- F-HEMBA1004850//Homo sapiens TGF-beta type I receptor (TGFBRI) gene, exon 1//0.0065:284:61//AF054590
- 5 F-HEMBA1004863//Genomic sequence from Mouse 11, complete sequence//0.92:250:59//AC000400
- F-HEMBA1004864
- F-HEMBA1004865//Human DNA sequence from clone 459L4 on chromosome 6p22.3-24.1 Contains EST, STS, GSS, complete sequence//3.6e-12:214:72//AL031120
- F-HEMBA1004880//Homo sapiens Chromosome 16 BAC clone CIT987SK-A-319E8, complete sequence//1.1e-08:255:69//AC004020
- 10 F-HEMBA1004889//Schistocerca americana Antennapedia homeotic protein (Antp) mRNA, complete cds//0.062:155:69//U32943
- F-HEMBA1004900//Plasmodium falciparum unidentified mRNA sequence//0.00055:323:60//L12043
- F-HEMBA1004909//Homo sapiens chromosome 17, clone 289A8, complete sequence//9.6e-16:166:80//AC003051
- 15 F-HEMBA1004918//Turritella communis mitochondrial 16S ribosomal RNA gene, partial//0.81:146:65//M94003
- F-HEMBA1004923//Human DNA from overlapping chromosome 19-specific cosmids R32543, and F15613 containing ZNF gene family member, genomic sequence, complete sequence//1.4e-36:338:78//AC003006
- F-HEMBA1004929//CIT-HSP-2373I16.TR CIT-HSP Homo sapiens genomic clone 2373I16, genomic survey sequence//2.4e-86:443:96//AQ108676
- 20 F-HEMBA1004930//Homo sapiens PAC clone DJ0608H12 from 7q21, complete sequence//4.6e-20:219:73//AC004109
- F-HEMBA1004933//HS-1003-A1-E10-MF.abi CIT Human Genomic Sperm Library C Homo sapiens genomic clone Plate=CT 497 Col=19 Row=I, genomic survey sequence//1.4e-28:216:85//B30726
- F-HEMBA1004934//Homo sapiens chromosome 21q22.3 PAC 267O10, complete sequence//0.53:222:61//AF042091
- 25 F-HEMBA1004944//Homo sapiens clone DJ0736H05, WORKING DRAFT SEQUENCE, 5 unordered pieces//1.2e-58:509:78//AC005482
- F-HEMBA1004954//HS_2033_A2_A08_T7 CIT Approved Human Genomic Sperm Library D Homo sapiens genomic clone Plate=2033 Col=16 Row=A, genomic survey sequence//3.7e-47:243:99//AQ229758
- 30 F-HEMBA1004956//P.falciparum complete gene map of plastid-like DNA (IR-B)//0.048:421:58//X95276
- F-HEMBA1004960//Arabidopsis thaliana DNA chromosome 4, ESSA I contig fragment No. 8//0.89:333:58//Z97343
- F-HEMBA1004972
- F-HEMBA1004973//RPCI11-66P8.TK RPCI11 Homo sapiens genomic clone R-66P8, genomic survey sequence//3.5e-22:245:77//AQ238471
- 35 F-HEMBA1004977//Homo sapiens full-length insert cDNA clone YZ83B08//9.0e-11:84:98//AF086080
- F-HEMBA1004978//CIT-HSP-2354E10.TR CIT-HSP Homo sapiens genomic clone 2354E10, genomic survey sequence//0.0021:152:66//AQ075713
- F-HEMBA1004980//HS_3018_A2_E04_MR CIT Approved Human Genomic Sperm Library D Homo sapiens genomic clone Plate=3018 Col=8 Row=I, genomic survey sequence//1.9e-77:392:97//AQ071873
- 40 F-HEMBA1004983//Albinaria corrugata isolate cor. Prn1.1 16S ribosomal RNA gene, mitochondrial gene for mitochondrial RNA, partial sequence//0.0030:276:61//AF031680
- F-HEMBA1004995//Homo sapiens chromosome 16, cosmid bridge clone 306E6 (LANL), complete sequence//4.2e-138:640:99//AC005590
- 45 F-HEMBA1005008//Human mariner1 transposase gene, complete consensus sequence//6.8e-20:160:88//U52077
- F-HEMBA1005009//Homo sapiens BAF53a (BAF53a) mRNA, complete cds//2.0e-144:668:99//AF041474
- F-HEMBA1005019//Homo sapiens mRNA for KIAA0648 protein, partial cds//1.4e-146:693:98//AB014548
- F-HEMBA1005029//Homo sapiens DNA sequence from PAC 97D16 on chromosome 6p21.3-22.2. Contains an unknown pseudogene, a 60S Ribosomal protein L24 (L30) LIKE pseudogene and histone genes H2BFC (H2B/c), H4FFP (H4/f pseudogene), H2AFC (H2A/c), H3F1K (H3.1/k) and a tRNA-Val pseudogene and tRNA-Thr gene. Contains ESTs, STSs, GSSs and genomic marker D6S464, complete sequence//2.2e-115:668:90//AL009179
- 50 F-HEMBA1005035//Homo sapiens chromosome 17, clone hCIT.175_E_5, complete sequence//4.6e-138:591:98//AC004596
- 55 F-HEMBA1005039//CIT-HSP-2338L5.TR CIT-HSP Homo sapiens genomic clone 2338L5, genomic survey sequence//3.7e-61:271:88//AQ055486
- F-HEMBA1005047//Mus musculus mRNA for Rab24 protein//3.8e-17:218:73//Z22819
- F-HEMBA1005050//Human Tis11d gene, complete cds//0.079:251:63//U07802

- F-HEMBA1005062//Plasmodium falciparum 3D7 chromosome 12 PFYAC69 genomic sequence, WORKING DRAFT SEQUENCE, 4 unordered pieces.//0.018:560:56//AC004688
- F-HEMBA1005066//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 774G10, WORKING DRAFT SEQUENCE.//3.4e-97:432:84//AL034410
- 5 F-HEMBA1005075//H.sapiens DNA 3' flanking simple sequence region clone wg2c3.//6.9e-07:176:68//X76589
- F-HEMBA1005079//CIT-HSP-2325M21.TRB CIT-HSP Homo sapiens genomic clone 2325M21, genomic survey sequence.//2.1e-48:274:93//AQ038720
- F-HEMBA1005083//HS_2248_B1_D05_MR CIT Approved Human Genomic Sperm Library D Homo sapiens genomic clone Plate=2248 Col=9 Row=H, genomic survey sequence.//3.4e-06:230:64//AQ129575
- 10 F-HEMBA1005101//Homo sapiens SYT interacting protein SIP mRNA, complete cds.//1.3e-161:762:98//AF080561
- F-HEMBA1005113//L.esculentum microsatellite repeat DNA region.//0.0038:742:57//X90770
- F-HEMBA1005123//Homo sapiens clone DJ0673M15, WORKING DRAFT SEQUENCE, 33 unordered pieces.//9.6e-83:479:78//AC004854
- 15 F-HEMBA1005133//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone Y313F4, WORKING DRAFT SEQUENCE.//3.9e-24:576:64//AL023808
- F-HEMBA1005149//Homo sapiens PAC clone DJ430N08 from 22q12.1-qter, complete sequence.//4.7e-36:283:80//AC004542
- F-HEMBA1005152//Homo sapiens chromosome Xp22-67-68, WORKING DRAFT SEQUENCE, 99 unordered pieces.//5.0e-10:332:64//AC004469
- 20 F-HEMBA1005159//Homo sapiens genomic DNA, chromosome 21q11.1, segment 1/5, WORKING DRAFT SEQUENCE.//4.0e-10:734:58//AP000023
- F-HEMBA1005185//H.sapiens CpG island DNA genomic Mse1 fragment, clone 91b2, forward read cpg91b2.ft1a./12.2e-14:93:100//Z63847
- 25 F-HEMBA1005201//Drosophila melanogaster cosmid 152A3.//4.7e-35:679:64//AL009194
- F-HEMBA1005202//Canine mRNA for 68kDA subunit of signal recognition particle (SRP68).//6.7e-138:778:90//X53744
- F-HEMBA1005206//Drosophila melanogaster Su(P) and anon-73B1 genes and partial o25 gene and Pros26 gene.//7.1e-12:376:62//AJ011320
- 30 F-HEMBA1005219//Homo sapiens mRNA for KIAA0445 protein, complete cds.//7.1e-05:411:60//AB007914
- F-HEMBA1005223//Homo sapiens PAC clone DJ430N08 from 22q12.1-qter, complete sequence.//3.5e-06:212:66//AC004542
- F-HEMBA1005232//Plasmodium falciparum 3D7 chromosome 12 PFYAC492 genomic sequence, WORKING DRAFT SEQUENCE, 5 unordered pieces.//3.7e-07:625:57//AC005308
- 35 F-HEMBA1005241//Homo sapiens PAC clone DJ0777O23 from 7p14-p15, complete sequence.//8.7e-45:567:72//AC005154
- F-HEMBA1005244//Homo sapiens chromosome X clone U177G4, U152H5, U168D5, 174A6, U172D6, and U186B3 from Xp22, complete sequence.//0.96:298:62//AC002365
- F-HEMBA1005251
- 40 F-HEMBA1005252//Homo sapiens chromosome 17, clone hRPK.318_A_15, complete sequence.//4.5e-160:392:99//AC005837
- F-HEMBA1005274//Homo sapiens BAC clone 255A7 from 8q21 containing NBS1 gene, complete sequence.//2.3e-05:496:60//AF069291
- F-HEMBA1005275//Human DNA sequence from clone 444C7 on chromosome 6p22.3-23. Contains an EST, an STS and GSSs, complete sequence.//5.7e-05:220:64//AL033521
- 45 F-HEMBA1005293//Homo sapiens echinoderm microtubule-associated protein homolog HuEMAP mRNA, complete cds.//2.4e-20:338:65//U97018
- F-HEMBA1005296
- F-HEMBA1005304//Human DNA sequence from clone 364I22 on chromosome Xq21.31-22.3. Contains an STS and GSSs, complete sequence.//1.6e-51:381:78//AL031012
- 50 F-HEMBA1005311
- F-HEMBA1005314//Homo sapiens genomic DNA, chromosome 21q11.1, segment 2/28, WORKING DRAFT SEQUENCE.//0.94:226:63//AP000031
- F-HEMBA1005315//Homo sapiens BAC810, complete sequence.//9.5e-15:684:62//U85198
- 55 F-HEMBA1005318//Human DNA sequence from PAC 394F12 on chromosome X contains EST, STS, CpG island clone.//2.6e-05:472:59//Z83823
- F-HEMBA1005331//Homo sapiens chromosome 17, clone hRPK.214_C_8, complete sequence.//3.3e-90:300:90//AC005803

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F-HEMBA1005338//Homo sapiens mRNA for matrilin-4, partial//1.4e-151:740:97//AJ007581
 F-HEMBA1005353//CIT-HSP-2310N10.TR CIT-HSP Homo sapiens genomic clone 2310N10, genomic survey sequence//2.1e-86:438:97//AQ016145
 F-HEMBA1005359//Human zinc finger protein ZNF137 mRNA, complete cds//1.8e-98:500:88//U09414
 5 F-HEMBA1005367//Mus musculus melastatin mRNA, complete cds//8.3e-72:577:73//AF047714
 F-HEMBA1005372//Human DNA sequence from PAC 293E14 contains ESTs, STS//1.3e-07:274:66//Z82900
 F-HEMBA1005374//Homo sapiens clone 277F10, WORKING DRAFT SEQUENCE, 5 unordered pieces//1.9e-48:611:69//AC004813
 F-HEMBA1005382//HS_3063_B2_F11_MF CIT Approved Human Genomic Sperm Library D Homo sapiens genomic clone Plate=3063 Col=22 Row=L, genomic survey sequence//1.6e-27:154:98//AQ103204
 10 F-HEMBA1005389//Plasmodium falciparum telomere nucleotide sequence//4.0e-07:443:61//M23175
 F-HEMBA1005394//CIT-HSP-2368B11.TR CIT-HSP Homo sapiens genomic clone 2368B11, genomic survey sequence//7.6e-17:225:71//AQ076749
 F-HEMBA1005403//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 423B22, WORKING DRAFT SEQUENCE//4.5e-131:278:98//AL034379
 15 F-HEMBA1005408//HS_3007_B2_G04_MR CIT Approved Human Genomic Sperm Library D Homo sapiens genomic clone Plate=3007 Col=8 Row=N, genomic survey sequence//8.0e-06:218:66//AQ294366
 F-HEMBA1005410//Human DNA sequence from cosmid cU120E2, on chromosome X contains Lowe oculocerebrorenal syndrome (OCRL) ESTs and STS//1.5e-41:432:76//Z73496
 20 F-HEMBA1005411
 F-HEMBA1005423//Homo sapiens cyclin-dependent kinase inhibitor (CDKN2C) mRNA, complete cds//1.0e-169:537:99//AF041248
 F-HEMBA1005426
 F-HEMBA1005443//Homo sapiens chromosome 19, BAC CIT-B-191n6, complete sequence//7.1e-37:260:76//AC006130
 25 F-HEMBA1005447//CIT-HSP-2173N7.TR CIT-HSP Homo sapiens genomic clone 2173N7, genomic survey sequence//5.0e-133:631:98//B93234
 F-HEMBA1005468//Human DNA sequence from clone 20J23 on chromosome Xq26.2-27.2 Contains ras-related C3 botulinum toxin substrate 1 (P21-RAC1) (ras-like protein TC25) EST, CA repeat, STS, CpG island, complete sequence//1.5e-118:868:83//AL022576
 30 F-HEMBA1005469//Homo sapiens chromosome 16, P1 clone 96-4B (LANL), complete sequence//1.2e-179:838:99//AC005212
 F-HEMBA1005472//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 228H13, WORKING DRAFT SEQUENCE//3.4e-20:187:74//AL031985
 35 F-HEMBA1005474//Homo sapiens genomic DNA, chromosome 21q11.1, segment 12/28, WORKING DRAFT SEQUENCE//4.1e-22:445:65//AP000041
 F-HEMBA1005475//CIT-HSP-2322D14.TR CIT-HSP Homo sapiens genomic clone 2322D14, genomic survey sequence//6.7e-51:269:97//AQ026941
 F-HEMBA1005497//HS_3097_A2_G05_T7 CIT Approved Human Genomic Sperm Library D Homo sapiens genomic clone Plate=3097 Col=10 Row=M, genomic survey sequence//1.4e-66:345:96//AQ103810
 40 F-HEMBA1005500//Homo sapiens PAC clone DJ1093017 from 7q11.23-q21, complete sequence//5.4e-178:818:98//AC004957
 F-HEMBA1005506//Mus musculus (clone 0EBF17) early B-cell factor (EBF) mRNA, complete cds//2.6e-06:73:98//L12147
 45 F-HEMBA1005508//Homo sapiens clone hRPK.1_A_1, complete sequence//0.00012:455:60//AC006196
 F-HEMBA1005511//Homo sapiens MHC class 1 region//3.3e-43:421:77//AF055066
 F-HEMBA1005513//Drosophila melanogaster males-absent on the first (mof) gene, complete cds//2.3e-20:352:69//U71219
 F-HEMBA1005517//Homo sapiens DNA for (CGG)n trinucleotide repeat region, isolate E7//2.5e-08:431:62//AJ001216
 50 F-HEMBA1005518//M.musculus mRNA for paladin gene//8.2e-90:651:81//X99384
 F-HEMBA1005520//Homo sapiens clone DJ0876A24, WORKING DRAFT SEQUENCE, 6 unordered pieces//7.8e-167:755:99//AC004913
 F-HEMBA1005526//Homo sapiens chromosome 9, clone hRPK.202_H_3, complete sequence//2.4e-42:475:73//AC006241
 55 F-HEMBA1005528//Mus musculus mCAF1 protein mRNA, complete cds//1.2e-94:512:92//U21855
 F-HEMBA1005530
 F-HEMBA1005548//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 970A17, WORKING

DRAFT SEQUENCE //9.4e-87:422:99//AL034431

F-HEMBA1005552//Homo sapiens PAC clone DJ0807C15 from 7q34-q36, complete sequence //6.1e-41:486:68//AC004743

F-HEMBA1005558//Drosophila melanogaster DNA sequence (P1 DS00837 (D87)), complete sequence //2.9e-19:306:68//AC004377

F-HEMBA1005568//Plasmodium falciparum 3D7 chromosome 12 PFYAC812 genomic sequence, WORKING DRAFT SEQUENCE, 8 unordered pieces //0.0093:345:60//AC004153

F-HEMBA1005570//Plasmodium falciparum chromosome 2, section 44 of 73 of the complete sequence //4.2e-09:592:59//AE001407

F-HEMBA1005576//Homo sapiens mRNA for KIAA0463 protein, partial cds //5.9e-127:610:98//AB007932

F-HEMBA1005577//HS-1004-A1-E11 -MR.abi CIT Human Genomic Sperm Library C Homo sapiens genomic clone Plate=CT 498 Col=21 Row=I, genomic survey sequence //0.00034:254:64//B30971

F-HEMBA1005581//Rattus norvegicus mRNA for MEGF5, complete cds //4.0e-57:826:65//AB011531

F-HEMBA1005582//HS_3242_A1_B07_MR CIT Approved Human Genomic Sperm Library D Homo sapiens genomic clone Plate=3242 Col=13 Row=C, genomic survey sequence //1.1e-13:91:98//AQ211275

F-HEMBA1005583

F-HEMBA1005588//Homo sapiens PAC clone DJ1188N21 from 7q11.23-q21.1, complete sequence //8.7e-31:283:75//AC006025

F-HEMBA1005593//Homo sapiens chromosome 17, clone hRPK.332_H_18, complete sequence //8.3e-158:748:99//AC005746

F-HEMBA1005595//CIT-HSP-2309F14.TF CIT-HSP Homo sapiens genomic clone 2309F14, genomic survey sequence //6.4e-30:194:91//AQ016527

F-HEMBA1005606//CIT-HSP-2326I6.TR CIT-HSP Homo sapiens genomic clone 2326I6, genomic survey sequence //0.0014:132:70//AQ041484

F-HEMBA1005609//Homo sapiens clone RG315H11, WORKING DRAFT SEQUENCE, 5 unordered pieces //2.9e-33:249:85//AC005089

F-HEMBA1005616//Homo sapiens DNA sequence from PAC 43C13 on chromosome Xq21.1-Xq21.3. rab proteins geranylgeranyltransferase component A 1 (rab escort protein 1) (REP-1) (choroideraemia protein) (TCD protein) //6.5e-29:279:69//AL009175

F-HEMBA1005621//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 330012, WORKING DRAFT SEQUENCE //6.4e-90:158:87//AL031731

F-HEMBA1005627//RPCI11-34P9 TJ RPCI-11 Homo sapiens genomic clone RPCI-11-34P9, genomic survey sequence //0.014:168:67//AQ045110

F-HEMBA1005631//Homo sapiens PAC clone DJ1086D14, complete sequence //1.0e-149:736:93//AC004460

F-HEMBA1005632

F-HEMBA1005634//Human DNA sequence from PAC 187N21 on chromosome 6p21.2-6p21.33. Contains ESTs //6.6e-38:452:67//Z98036

F-HEMBA1005666

F-HEMBA1005670//Homo sapiens PAC clone DJ0665C04 from 7p14-p13, complete sequence //5.1e-59:687:74//AC004850

F-HEMBA1005679//Homo sapiens clone DJ0425I02, WORKING DRAFT SEQUENCE, 5 unordered pieces //1.0e-47:357:85//AC005478

F-HEMBA1005680

F-HEMBA1005685//RPCI11-23D19.TKBR RPCI-11 Homo sapiens genomic clone RPCI-11-23D19, genomic survey sequence //0.99:228:63//AQ013742

F-HEMBA1005699//Human ligand for eph-related receptor tyrosine kinases (EPLG8) mRNA, complete cds //1.4e-72:406:92//U57001

F-HEMBA1005705//Human (D21S172) DNA segment containing (CA) repeat //0.00040:190:66//X56513

F-HEMBA1005717//Plasmodium falciparum MAL3P1, complete sequence //0.0099:260:63//Z97348

F-HEMBA1005732//Human mRNA for KIAA0003 gene, complete cds //8.1e-19:151:88//D14697

F-HEMBA1005737//Homo sapiens PAC clone DJ1099C19 from 7q21-q22, complete sequence //5.6e-15:157:79//AC005156

F-HEMBA1005746//RPCI11-63N8.TK RPCI11 Homo sapiens genomic clone R-63N8, genomic survey sequence //1.3e-18:113:100//AQ238535

F-HEMBA1005755//Homo sapiens DNA sequence from PAC 95C20 on chromosome Xp11.3-11.4. Contains STSs and the DXS7 locus with GT and GTG repeat polymorphisms, complete sequence //3.6e-56:764:70//Z97181

F-HEMBA1005765//Human DNA sequence from PAC 288L1 on chromosome 22q12-qter contains ESTs and polymorphic CA repeat (D22S1152) //1.1e-30:275:77//Z82196

- F-HEMBA1005780//RPCI11-74E19.TJ RPCI11 Homo sapiens genomic clone R-74E19, genomic survey sequence.//0.0011:283:62//AQ268432
- F-HEMBA1005813//Homo sapiens PAC clone DJ0167F23 from 7p15, complete sequence.//0.14:326:61//AC004079
- 5 F-HEMBA1005815//M.musculus mRNA for skeletal muscle-specific calpain.//6.3e-10:706:59//X92523
- F-HEMBA1005822//Mouse Bac 291G16, WORKING DRAFT SEQUENCE, 19 unordered pieces.//0.87:417:56//AC003020
- F-HEMBA1005829//Homo sapiens Chromosome 22q11.2 Fosmid Clone f39e1 In DGCR Region, complete sequence.//8.8e-42:370:79//AC000094
- 10 F-HEMBA1005834//Human DNA sequence from clone 353H6 on chromosome Xq25-26.2. Contains the alternatively spliced SMARCA1 gene for SW1/SNF related, matrix associated, actin dependent regulator of chromatin, subfamily a, member 1 (SNF2L1) and a 40S Ribosomal Protein S26 pseudogene. Contains ESTs, STSs and GSSs, complete sequence.//2.1e-42:690:67//AL022577
- F-HEMBA1005852//F.rubripes GSS sequence, clone 163A22aE9, genomic survey sequence.//4.3e-07:253:59//AL018749
- 15 F-HEMBA1005853//CIT-HSP-2289L23.TR CIT-HSP Homo sapiens genomic clone-2289L23, genomic survey sequence.//2.2e-68:333:99//B98952
- F-HEMBA1005884//Homo sapiens chromosome 5, BAC clone 78c6 (LBNL H191), complete sequence.//1.9e-57:331:87//AC005351
- 20 F-HEMBA1005891//Homo sapiens PAC clone DJ0997N05 from 7q11.23-q21.1, complete sequence.//5.1e-182:864:98//AC004945
- F-HEMBA1005894//Homo sapiens, WORKING DRAFT SEQUENCE, 52 unordered pieces.//3.0e-44:340:80//AC004086
- F-HEMBA1005909//Homo sapiens DNA sequence from PAC 127D3 on chromosome 1q23-25. Contains FMO2 and FMO3 genes for Flavin-containing Monooxygenase 2 and Flavin-containing Monooxygenase 3 (Dimethylaniline Monooxygenase (N-Oxide 3, EC1.14.13.8, Dimethylaniline Oxidase 3, FMO II, FMO 3), and a gene for another, unknown, Flavin-containing Monooxygenase family protein. Contains ESTs and GSSs, complete sequence.//8.3e-12:828:57//AL021026
- 25 F-HEMBA1005911//Human DNA sequence from clone 1158E12 on chromosome Xp11.23-11.4 Contains EST, STS, GSS, CpG island, complete sequence.//1.0e-44:328:77//AL031584
- F-HEMBA1005921//Homo sapiens chromosome 17, clone hRPK.112_H_10, complete sequence.//1.3e-41:431:77//AC005666
- F-HEMBA1005931//Homo sapiens chromosome 12p13.3 clone RPCI4-761J14, WORKING DRAFT SEQUENCE, 60 unordered pieces.//1.1e-29:394:70//AC006086
- 35 F-HEMBA1005934//Homo sapiens PAC clone DJ1140G11 from 14q24.3, complete sequence.//8.1e-06:115:80//AC004974
- F-HEMBA1005962//RPCI11-17O15.TV RPCI-11 Homo sapiens genomic clone RPCI-11-17015, genomic survey sequence.//9.5e-36:315:84//B82821
- F-HEMBA1005963//HS_3055_A1_E08_MR CIT Approved Human Genomic Sperm Library D Homo sapiens genomic clone Plate=3055 Col=15 Row=I, genomic survey sequence.//9.3e-73:372:97//AQ147357
- 40 F-HEMBA1005990//Homo sapiens I-1 receptor candidate protein mRNA, complete cds.//1.3e-149:697:99//AF082516
- F-HEMBA1005991//Plasmodium falciparum chromosome 2, section 45 of 73 of the complete sequence.//6.3e-07:423:60//AE001408
- 45 F-HEMBA1005999//Homo sapiens chromosome 4 clone C0026P05 map 4P16, complete sequence.//3.8e-09:360:64//AC005599
- F-HEMBA1006002
- F-HEMBA1006005//Homo sapiens MLL (MLL) gene, exons 1-3, and partial cds.//4.5e-83:495:90//AF036405
- F-HEMBA1006031
- 50 F-HEMBA1006035
- F-HEMBA1006036//Human (lambda) DNA for immunoglobulin light chain.//2.4e-59:652:74//D87009
- F-HEMBA1006042//Homo sapiens chromosome 10 clone CIT987SK-1057L21 map 10q25, complete sequence.//2.1e-43:330:701//AC005386
- F-HEMBA1006067//Plasmodium falciparum 3D7 chromosome 12, PFYAC812 genomic sequence, WORKING DRAFT SEQUENCE, 8 unordered pieces.//0.11:433:59//AC004153
- 55 F-HEMBA1006081
- F-HEMBA1006090//, complete sequence.//4.5e-139:748:92//AC005500
- F-HEMBA1006091//Homo sapiens gene encoding telethonin, exons 1 to 2, partial.//0.0091:346:62//AJ011098

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F-HEMBA1006100//Homo sapiens chromosome 10 clone CIT987SK-1143A11 map 10q25, complete sequence//2.8e-18:180:78//AC005880

F-HEMBA1006108//Human DNA sequence from clone 889N15 on chromosome Xq22.1-22.3. Contains part of the gene for a novel protein similar to X. laevis Cortical Thymocyte-Marker CTX, the possibly alternatively spliced gene for 26S Proteasome subunit p28 (Ankyrin repeat protein), a novel gene and exons 36 through 45 of the COL4A6 for Collagen Alpha 6(IV). Contains ESTs, STSs, GSSs and a putative CpG island, complete sequence//0.26:84:71//AL031177

F-HEMBA1006121//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 691N24, WORKING DRAFT SEQUENCE//5.2e-18:147:87//AL031672

F-HEMBA1006124//CIT-HSP-2355B17.TF CIT-HSP Homo sapiens genomic clone 2355B17, genomic survey sequence//0.044:225:61//AQ058966

F-HEMBA1006130//CIT-HSP-386A20.TF CIT-HSP Homo sapiens genomic clone 386A20, genomic survey sequence//8.8e-07:173:69//B55085

F-HEMBA1006138//Homo sapiens DNA sequence from PAC:454M7 on chromosome Xq25-26.3. Contains the OCRL1 gene for Lowe Oculocerebrorenal Syndrome protein OCRL-1. Contains ESTs, STSs and GSSs, complete sequence//7.5e-22:164:75//AL022162

F-HEMBA1006142//, complete sequence//7.9e-125:586:99//AC005500

F-HEMBA1006155//H.sapiens CpG island DNA genomic MseI fragment, clone 119b6, forward read cpg119b6.ft1a//1.0:85:72//Z64428

F-HEMBA1006158//Homo sapiens transcription factor forkhead-like 7 (FKHL7) gene, complete cds//1.1e-185:852:99//AF048693

F-HEMBA1006173//striatum enriched phosphatase=protein-tyrosine-phosphatase [rat, striata, mRNA, 2815 nt]//8.4e-50:642:73//S49400

F-HEMBA1006182//Homo sapiens Chromosome 15q26.1 PAC clone pDJ105i19, complete sequence//1.4e-22:194:74//AC005318

F-HEMBA1006198

F-HEMBA1006235//Homo sapiens clone 24422 mRNA sequence//2.6e-175:836:98//AF070557

F-HEMBA1006248//Pinctada fucata mRNA for insoluble protein, complete cds//8.2e-05:359:61//D86074

F-HEMBA1006252//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 531H16, WORKING DRAFT SEQUENCE//0.98:397:58//AL031664

F-HEMBA1006253

F-HEMBA1006259//HS_2231_A1_D10_MF CIT Approved Human Genomic Sperm Library D Homo sapiens genomic clone Plate=2231 Col=19 Row=G, genomic survey sequence//1.2e-11:233:68//AQ152722

F-HEMBA1006268//Homo sapiens Xp22-132-134 BAC GSHB:590J15 (Genome Systems Human BAC library) complete sequence//5.2e-27:156:85//AC004673

F-HEMBA1006272//Human endogenous retrovirus gag mRNA//8.1e-115:847:80//X72791

F-HEMBA1006278//Mus musculus poly(A) polymerase VI mRNA, complete cds//2.1e-57:665:70//U58134

F-HEMBA1006283

F-HEMBA1006284//Streptomyces fradiae tyactone synthase, starter module and modules 1-7, (tylG) gene, complete cds//9.6e-06:623:60//U78289

F-HEMBA1006291//HS_2208_A1_C03_MR CIT Approved Human Genomic Sperm Library D Homo sapiens genomic clone Plate=2208 Col=5 Row=E, genomic survey sequence//1.2e-13:105:92//AQ091804

F-HEMBA1006293//Sequence 8 from patent US 5721351//5.6e-77:580:75//I89415

F-HEMBA1006309//Caenorhabditis elegans cosmid F01F1//1.1e-21:420:63//U13070

F-HEMBA1006310//Rattus norvegicus cytosolic sorting protein PACS-1a (PACS-1) mRNA, complete cds//6.8e-120:748:85//AF076183

F-HEMBA1006328//Homo sapiens fragile X mental retardation protein (FMR-1) gene (6 alternative splices), complete cds//1.5e-46:485:73//L29074

F-HEMBA1006334//HS-1051-B2-F01-MR.abi CIT Human Genomic Sperm Library C Homo sapiens genomic clone Plate=CT 773 Col=2 Row=L, genomic survey sequence//0.0032:61:91//B40563

F-HEMBA1006344//HS-1009-A2-B02-MF.abi CIT Human Genomic Sperm Library C Homo sapiens genomic clone Plate=CT 331 Col=4 Row=C, genomic survey sequence//3.3e-09:218:66//B31420

F-HEMBA1006347//Drosophila melanogaster males-absent on the first (mof) gene, complete cds//1.6e-31:484:68//U71219

F-HEMBA1006349//HS-1054-A1-G06-MR.abi CIT Human Genomic Sperm Library C Homo sapiens genomic clone Plate=CT 776 Col=11 Row=M, genomic survey sequence//5.4e-15:95:100//B41671

F-HEMBA1006359//Human ZNF43 mRNA//1.4e-115:823:81//X59244

F-HEMBA1006364//Mouse mRNA for transforming growth factor beta2//2.7e-10:247:71//X57413

- F-HEMBA1006377//Mus musculus chromosome 7, clone 19K5, complete sequence //3.0e-57:401:81//AC002327
- F-HEMBA1006380//CIT-HSP-2172K18.TF CIT-HSP Homo sapiens genomic clone 2172K18, genomic survey sequence //1.3e-110:525:99//B92570
- 5 F-HEMBA1006381//HS-1045-B2-F10-MF.abi CIT Human Genomic Sperm Library C Homo sapiens genomic clone Plate=CT 828 Col=20 Row=L, genomic survey sequence //4.4e-05:163:70//B37813
- F-HEMBA1006398//Homo sapiens 12q24.2 BAC RPC11-360E11 (Roswell Park Cancer Institute Human BAC Library) complete sequence //3.8e-62:370:86//AC004806
- F-HEMBA1006416//Homo sapiens chromosome 5, P1 clone 1041F10 (LBNL H88), complete sequence //3.7e-15:157:78//AC005179
- 10 F-HEMBA1006419//Human DNA sequence from clone 71L16 on chromosome Xp11. Contains a probable Zinc Finger protein (pseudogene), an unknown putative gene, a pseudogene with high similarity to part of antigen KI-67, a putative Chondroitin 6-Sulfotransferase LIKE gene and a KIAA0267 LIKE putative Na(+)/H(+) exchanger protein gene. Contains a predicted CpG island, ESTs, STSs and GSSs and genomic markers DXS1003 and DXS1055, complete sequence //1.2e-39:752:63//AL022165
- 15 F-HEMBA1006421//Homo sapiens chromosome 14q24.3 clone BAC270M14 transforming growth factor-beta 3 (TGF-beta 3) gene, complete cds; and unknown genes //2.4e-41:438:76//AF107885
- F-HEMBA1006424//Human DNA sequence from clone 51J12 on chromosome 6q26-27. Contains the 3' part of the alternatively spliced gene for the human orthologs of mouse QKI-7 and QKI-7B (KH Domain RNA Binding proteins) and zebrafish ZKQ-1 (Quaking protein homolog). Contains ESTs, STSs and GSSs, complete sequence //0.027:293:64//AL031781
- 20 F-HEMBA1006426//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 292E10, WORKING DRAFT SEQUENCE //1.7e-50:310:80//Z93930
- F-HEMBA1006438//Liverwort Marchantia polymorpha chloroplast genome DNA //0.051:440:59//X04465
- F-HEMBA1006445//Felis catus ras p21 (H-ras) mRNA, partial cds //1.0:238:59//U62088
- 25 F-HEMBA1006446//Plasmodium falciparum DNA *** SEQUENCING IN PROGRESS *** from MAL1P6, WORKING DRAFT SEQUENCE //2.4e-05:702:58//AL031749
- F-HEMBA1006461//Homo sapiens chromosome 19, cosmid R30676, complete sequence //8.6e-55:409:83//AC004560
- F-HEMBA1006467//Homo sapiens chromosome 17, clone hRPK.346_K_10, complete sequence //1.0:293:59//AC006120
- 30 F-HEMBA1006471//Plasmodium falciparum 3D7 chromosome 12 PFYAC1122 genomic sequence, WORKING DRAFT SEQUENCE, 3 unordered pieces //1.4e-05:731:59//AC004709
- F-HEMBA1006474//CIT-HSP-2017H3.TF CIT-HSP Homo sapiens genomic clone 2017H3, genomic survey sequence //5.2e-60:435:83//B54247
- 35 F-HEMBA1006483//Homo sapiens chromosome 5, BAC clone 8e5 (LBNL H167), complete sequence //2.9e-48:286:84//AC004752
- F-HEMBA1006485//Homo sapiens BAC clone NH0044G14 from 7q11.23-21.1, complete sequence //0.96:283:59//AC006031
- F-HEMBA1006486//Human DNA sequence from clone 353H6 on chromosome Xq25-26.2. Contains the alternatively spliced SMARCA1 gene for SW1/SNF related, matrix associated, actin dependent regulator of chromatin, subfamily a, member 1 (SNF2L1) and a 40S Ribosomal Protein S26 pseudogene. Contains ESTs, STSs and GSSs, complete sequence //1.8e-14:259:67//AL022577
- 40 F-HEMBA1006489//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 467K16, WORKING DRAFT SEQUENCE //6.6e-11:595:61//AL031283
- 45 F-HEMBA1006492//Homo sapiens chromosome 17, clone hRPK.269_G_24, complete sequence //6.0e-122:337:100//AC005828
- F-HEMBA1006494//Homo sapiens chromosome 7qtelo BAC E3, complete sequence //3.8e-23:459:68//AF093117
- F-HEMBA1006497//HS_3023_B2_H03_T7 CIT Approved Human Genomic Sperm Library D Homo sapiens genomic clone Plate=3023 Col=6 Row=P, genomic survey sequence //2.3e-81:433:95//AQ093846
- 50 F-HEMBA1006502//H.sapiens 7SL repeat (clones 2-19b) //1.6e-13:86:87//X62364
- F-HEMBA1006507//Homo sapiens mRNA for KIAA0666 protein, partial cds //2.3e-139:470:98//AB014566
- F-HEMBA1006521//Human BAC clone RG167B05 from 7q21, complete sequence //4.3e-27:406:71//AC003991
- F-HEMBA1006530//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 1018D12, WORKING DRAFT SEQUENCE //2.9e-27:408:65//AL031650
- 55 F-HEMBA1006535//Plasmodium falciparum DNA *** SEQUENCING IN PROGRESS *** from MAL4P1, WORKING DRAFT SEQUENCE //0.028:599:60//AL034557
- F-HEMBA1006540//Homo sapiens multi PDZ domain protein MUPP1 (MUPP1) mRNA, complete cds //1.4e-171:654:98//AF093419

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F-HEMBA1006546//Human DNA sequence from cosmid 232L22, between markers DXS366 and DXS87 on chromosome X contains ESTs glycerol kinase pseudogene.//3.8e-104:811:80//Z73986

F-HEMBA1006559//Mus musculus PRAJA1 (Praja1) mRNA, complete cds.//4.8e-99:386:82//U06944

5 F-HEMBA1006562//Human fructose-1,6-biphosphatase (FBP1) gene, exon 1.//0.012:322:60//U21925

F-HEMBA1006566//Plasmodium falciparum 3D7 chromosome 12 PFYAC1383 genomic sequence, WORKING DRAFT SEQUENCE, 3 unordered pieces.//0.0026:580:58//AC005504

F-HEMBA1006569//Ovis aries beta actin mRNA, complete cds.//6.3e-08:231:70//U39357

F-HEMBA1006579//CIT-HSP-2380A22.TR CIT-HSP Homo sapiens genomic clone 2380A22, genomic survey sequence.//0.036:250:62//AQ197107

10 F-HEMBA1006583//Mycobacterium tuberculosis H37Rv complete genome; segment 143/162.//1.0:225:63//AL021841

F-HEMBA1006595//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 30A23, WORKING DRAFT SEQUENCE.//3.6e-50:689:69//AL022156

F-HEMBA1006597//Homo sapiens Chromosome 7 BAC Clone 239c10, WORKING DRAFT SEQUENCE, 9 unordered pieces.//1.9e-42:253:84//AC004166

15 F-HEMBA1006612//RPC111-88F20.TJ RPC111 Homo sapiens genomic clone R-88F20, genomic survey sequence.//1.1e-51:266:98//AQ286726

F-HEMBA1006617//HS_2193_B2_H07_MF CIT Approved Human Genomic Sperm Library D Homo sapiens genomic clone Plate=2193 Col=14 Row=P, genomic survey sequence.//1.1e-59:413:85//AQ299685

20 F-HEMBA1006624//Human DNA sequence from clone 406A7 on chromosome 6q23-24. Contains three pseudogenes similar to Elongation Factor 1-Alpha (EF-1-ALPHA, Statin S1), 60S Acidic Ribosomal Protein P1 and NADH-Ubiquinone Oxidoreductase 15 kDa subunit, and part of the Microtubule Associated Protein E-MAP-115 gene. Contains ESTs, STSs and GSSs, complete sequence.//1.4e-35:257:89//AL023284

F-HEMBA1006631//Homo sapiens Chromosome 11q23 PAC clone pDJ356d6, complete sequence.//9.6e-112:800:83//AC002036

25 F-HEMBA1006635//Plasmodium falciparum DNA *** SEQUENCING IN PROGRESS *** from MAL1P2, WORKING DRAFT SEQUENCE.//0.15:393:58//AL031745

F-HEMBA1006639//Petromyzon marinus polyadenylate binding protein (PABP) mRNA, complete cds.//9.6e-15:318:68//AF032896

30 F-HEMBA1006643//Homo sapiens clone DJ0902E20, WORKING DRAFT SEQUENCE, 1 unordered pieces.//0.58:254:65//AC006148

F-HEMBA1006648//Mus musculus integrin binding protein kinase mRNA, complete cds.//1.5e-37:108:88//U94479

F-HEMBA1006652//Homo sapiens chromosome 5, BAC clone 343g16 (LBNL H180), complete sequence.//1.3e-154:671:96//AC005601

35 F-HEMBA1006653

F-HEMBA1006659//Homo sapiens PAC clone DJ0905J08 from 7p12-p14, complete sequence.//5.2e-110:254:93//AC005189

F-HEMBA1006665//Homo sapiens Xp22 BAC GSHB-590J6 (Genome Systems Human BAC library) complete sequence.//1.4e-14:177:76//AC004554

40 F-HEMBA1006674//Homo sapiens mRNA for nucleolar protein hNop56.//5.5e-15:122:90//Y12065

F-HEMBA1006676//Homo sapiens chromosome 19, fosmid 37502, complete sequence.//0.098:218:63//AC004755

F-HEMBA1006682//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 668J24, WORKING DRAFT SEQUENCE.//1.4e-05:719:57//AL034346

45 F-HEMBA1006695//Homo sapiens clone DJ0935K16, complete sequence.//3.1e-22:151:78//AC006011

F-HEMBA1006696//CITBI-E1-2522D16.TF CITBI-E1 Homo sapiens genomic clone 2522D16, genomic survey sequence.//5.6e-17:324:66//AQ280738

F-HEMBA1006708

F-HEMBA1006709

50 F-HEMBA1006717//Homo sapiens clone GS308H05, WORKING DRAFT SEQUENCE, 6 unordered pieces.//3.3e-08:136:79//AC005537

F-HEMBA1006737//Homo sapiens chromosome 17, clone hRPK.269_G_24, complete sequence.//5.8e-162:497:98//AC005828

F-HEMBA1006744//Homo sapiens Chromosome 11p14.3 PAC clone pDJ1034g4, complete sequence.//7.4e-48:320:87//AC004796

55 F-HEMBA1006754//Human DNA sequence from PAC 82J11 and cosmid U134E6 on chromosome Xq22. Contains NIK like and Thyroxin-binding globulin precursor (T4-binding globulin, TBG) genes, ESTs and STSs.//4.1e-129:804:85//Z83850

- F-HEMBA1006758//Homo sapiens chromosome 5, BAC clone 182a8 (LBNL H161), complete sequence//2.2e-162:766:99//AC005752
- F-HEMBA1006767//Human Xq28 cosmid U247A3 from LLOXNC01-X chromosome library, complete sequence//1.2e-19:326:69//U73465
- 5 F-HEMBA1006779//Human DNA sequence from clone 80119 on chromosome 6p21.31-22.2 Contains genes and pseudogenes for olfactory receptor-like proteins, STS, GSS, complete sequence//1.4e-103:355:87//AL022727
- F-HEMBA1006780//CIT-HSP-2359P7.TR CIT-HSP Homo sapiens genomic clone 2359P7, genomic survey sequence//0.072:147:68//AQ077208
- 10 F-HEMBA1006789//nbxb0037113r CUGI Rice BAC Library Oryza sativa genomic clone nbxb0037113r, genomic survey sequence//0.00011:288:63//AQ290474
- F-HEMBA1006795//CIT-HSP-2307E3.TF CIT-HSP Homo sapiens genomic clone 2307E3, genomic survey sequence//5.1e-80:420:96//AQ020511
- F-HEMBA1006796//Human clone 23803 mRNA, partial cds//4.5e-06:202:68//U79298
- F-HEMBA1006807//Homo sapiens mRNA for SP0P//1.2e-66:651:73//AJ000644
- 15 F-HEMBA1006821//Homo sapiens chromosome 17, clone hRPC.62_O_9, complete sequence//6.0e-116:541:99//AC004797
- F-HEMBA1006824//Homo sapiens chromosome 19, cosmid R29368, complete sequence//0.40:159:66//AC004262
- 20 F-HEMBA1006832//Homo sapiens (subclone 3_g8 from P1, H25) DNA sequence, complete sequence//1.8e-24:323:71//AC002196
- F-HEMBA1006849//Homo sapiens genomic DNA of 9q32 anti-oncogene of flat epithelium cancer, segment 4/10//0.15:403:60//AB020872
- F-HEMBA1006865//Plasmodium falciparum chromosome 2, section 6 of 73 of the complete sequence//0.20:472:57//AE001369
- 25 F-HEMBA1006877//Mus musculus clone OST9241, genomic survey sequence//3.4e-79:641:76//AF046757
- F-HEMBA1006885//HS_2208_B2_G06_MR CIT Approved Human Genomic Sperm Library D Homo sapiens genomic clone Plate=2208 Col=12 Row=N, genomic survey sequence//4.9e-18:206:76//AQ089246
- F-HEMBA1006900//Human DNA sequence from clone 496N17 on chromosome 6p11.2-12.3 Contains EST, GSS, complete sequence//5.4e-07:298:65//AL031321
- 30 F-HEMBA1006914//S.pombe chromosome II cosmid c16H5//0.00040:194:66//AL022104
- F-HEMBA1006921//Homo sapiens BAC clone GS114109 from 7p14-p15, complete sequence//1.1e-174:813:99//AC006027
- F-HEMBA1006926//Caenorhabditis elegans cosmid ZK185//0.0075:183:65//AF036704
- 35 F-HEMBA1006929//P.falciparum complete gene map of plastid-like DNA (IR-A)//4.0e-06:739:57//X95275
- F-HEMBA1006936
- F-HEMBA1006938//Plasmodium falciparum DNA *** SEQUENCING IN PROGRESS *** from MAL1P4, WORKING DRAFT SEQUENCE//1.1e-05:733:57//AL031747
- F-HEMBA1006941//Homo sapiens mRNA for putative thioredoxin-like protein//1.3e-90:437:98//AJ010841
- F-HEMBA1006949//Human DNA sequence from PAC 363L9 on chromosome X. contains STS and polymorphic CA repeat//0.67:217:62//Z82205
- 40 F-HEMBA1006973//Homo sapiens rab3-GAP regulatory domain mRNA, complete cds//5.6e-143:740:94//AF004828
- F-HEMBA1006976//cDNA encoding alpha 2 to 3 sialyltransferase//2.8e-101:338:89//E06058
- F-HEMBA1006993//Homo sapiens BAC clone BK085E05 from 22q12.1-qter, complete sequence//7.1e-31:536:66//AC003071
- 45 F-HEMBA1006996//Human DNA sequence from clone J428A131 WORKING DRAFT SEQUENCE//9.5e-07:285:60//Z82209
- F-HEMBA1007002//Genomic sequence for Arabidopsis thaliana BAC F20N2, complete sequence//0.99:388:58//AC002328
- 50 F-HEMBA1007017//Sequence 3 from Patent WO9416067//0.96:220:62//A39358
- F-HEMBA1007018//G.gallus mRNA for dynein light chain-A//1.3e-124:838:83//X79088
- F-HEMBA1007045
- F-HEMBA1007051//Caenorhabditis elegans cosmid Y57G11C, complete sequence//0.17:343:60//Z99281
- F-HEMBA1007052//Homo sapiens FSHD-associated repeat DNA, proximal region//4.3e-67:659:74//U85056
- 55 F-HEMBA1007062//Tubulin gene//1.0:113:67//A18572
- F-HEMBA1007066//HS_3116_A2_A03_T7 CIT Approved Human Genomic Sperm Library D Homo sapiens genomic clone Plate=3116 Col=6 Row=A, genomic survey sequence//0.80:214:62//AQ140467
- F-HEMBA1007073//Homo sapiens 12q13 PAC RPC11-316M24 (Roswell Park Cancer Institute Human PAC library)

- complete sequence//9.3e-54:519:68//AC004242
 F-HEMBA1007078//CIT-HSP-2318N6.TF CIT-HSP Homo sapiens genomic clone 2318N6, genomic survey sequence//8.7e-80:387:98//AQ044076
 F-HEMBA1007080
- 5 F-HEMBA1007085//Streptomyces coelicolor cosmid 7A1//3.5e-06:496:59//AL034447
 F-HEMBA1007087//Plasmodium falciparum MAL3P6, complete sequence//7.4e-07:553:56//Z98551
 F-HEMBA1007112//HS_2171_A1_B01_T7 CIT Approved Human Genomic Sperm Library D Homo sapiens genomic clone Plate=2171 Col=1 Row=C, genomic survey sequence//1.0:172:61//AQ091865
 F-HEMBA1007113//Human DNA sequence from clone 1044O17 on chromosome Xp11.3-11.4 Contains GSS and
- 10 STS, complete sequence//0.54:502:56//AL023875
 F-HEMBA1007121//Caenorhabditis elegans cosmid ZK430//1.4e-08:265:64//U42833
 F-HEMBA1007129//CITBI-E1-2504A5.TF CITBI-E1 Homo sapiens genomic clone 2504A5, genomic survey sequence//0.97:267:62//AQ264035
 F-HEMBA1007147//HS_3208_A2_C04_T7 CIT Approved Human Genomic Sperm Library D Homo sapiens genomic clone Plate=3208 Col=8 Row=E, genomic survey sequence//9.1e-90:466:95//AQ176696
 F-HEMBA1007149//Homo sapiens chromosome 19, cosmid F23149, complete sequence//6.0e-138:524:98//AC005239
 F-HEMBA1007151//CITBI-E1-2522H6.TF CITBI-E1 Homo sapiens genomic clone 2522H6, genomic survey sequence//2.0e-20:157:87//AQ280780
- 20 F-HEMBA1007174//Homo sapiens epsin 2a mRNA, complete cds//2.0e-62:318:97//AF062085
 F-HEMBA1007178//Homo sapiens chromosome 12p13.3 clone RPC11-372B4, WORKING DRAFT SEQUENCE, 129 ordered pieces//1.6e-21:205:80//AC005911
 F-HEMBA1007194//HS_3124_B2_H08_MR CIT Approved Human Genomic Sperm Library D Homo sapiens genomic clone Plate=3124 Col=16 Row=P, genomic survey sequence//1.3e-11:87:96//AQ187492
 F-HEMBA1007203//Homo sapiens mRNA for KIAA0214 protein, complete cds//1.7e-156:478:98//D86987
 F-HEMBA1007206//Homo sapiens chromosome 17, clone HRPC837J1, complete sequence//0.024:342:63//AC004223
 F-HEMBA1007224//Homo sapiens mRNA for KIAA0797 protein, partial cds//5.0e-176:839:98//AB018340
 F-HEMBA1007243//Chinese hamster hprt mRNA, complete cds//4.3e-58:687:68//J00060
- 30 F-HEMBA1007251//Rabbit troponin T messenger fragment (aa 49 to 129)//0.084:177:62//V00899
 F-HEMBA1007256//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 328E19, WORKING DRAFT SEQUENCE//1.3e-75:490:88//AL022240
 F-HEMBA1007267//HS_3218_A1_F07_MR CIT Approved Human Genomic Sperm Library D Homo sapiens genomic clone Plate=3218 Col=13 Row=K, genomic survey sequence//2.9e-62:393:87//AQ181128
 F-HEMBA1007273//CIT-HSP-2171B10.TF CIT-HSP Homo sapiens genomic clone 2171B10, genomic survey sequence//1.1e-63:314:99//B95401
 F-HEMBA1007279//Homo sapiens Chromosome 16 BAC clone CIT987SK-A-116A10, complete sequence//3.1e-31:401:72//AC004638
 F-HEMBA1007281//HS_3115_A1_A11_T7 CIT Approved Human Genomic Sperm Library D Homo sapiens genomic clone Plate=3115 Col=21 Row=A, genomic survey sequence//5.0e-70:372:96//AQ186691
 F-HEMBA1007288//Human DNA sequence from clone 422G23 on chromosome 6q24 Contains EST, STS, GSS, CpG island, complete sequence//1.2e-152:727:98//AL031003
 F-HEMBA1007300//Canis familiaris PDE5 mRNA for 3',5'-Cyclic GMP-Phosphodiesterase, complete cds//2.1e-21:542:63//AB008467
- 45 F-HEMBA1007301//COL1A1=type I collagen pro alpha 1(I) chain propeptide {3' region} [human, fetal cells 86-237, 86-146, 88-251, mRNA Partial Mutant, 855 nt]//1.7e-08:388:61//S64596
 F-HEMBA1007319//Genomic sequence from Mouse 9, complete sequence//6.0e-84:390:75//AC000399
 F-HEMBA1007320
 F-HEMBA1007322//Homo sapiens BAC clone RG118E13 from 7p15-p21, complete sequence//0.091:260:64//AC004485
 F-HEMBA1007327//Plasmodium falciparum 3D7 chromosome 12.PFYACB8-420 genomic sequence, WORKING DRAFT SEQUENCE, 14 unordered pieces//0.12:472:59//AC005140
 F-HEMBA1007341//Homo sapiens chromosome 17, clone hRPK.346_K_10, complete sequence//1.5e-18:408:64//AC006120
- 55 F-HEMBA1007342//Homo sapiens clone DJ1136G02, WORKING DRAFT SEQUENCE, 4 unordered pieces//8.7e-25:500:62//AC005377
 F-HEMBA1007347//Homo sapiens chromosome 5, BAC clone 7g12 (LBNL H126), complete sequence//0.75:269:61//AC005738

- F-HEM BB1000005//Homo sapiens chromosome Y, clone 264,M,20, complete sequence.//5.0e-05:441:60//AC004617
- F-HEM BB1000008//Homo sapiens BAC clone RG139P11 from:7q11-q21, complete sequence.//1.0e-44:417:77//AC004491
- 5 F-HEM BB1000018//HS_2179_B2_E04_MF CIT Approved Human Genomic Sperm Library D Homo sapiens genomic clone Plate=2179 Col=8 Row=J, genomic survey sequence.//0.012:87:77//AQ023250
- F-HEM BB1000024//Human DNA sequence from PAC 106120 on chromosome 22q12-qter contains NADH pseudogene, ESTs, STS.//8.1e-11:461:61//Z81369
- 10 F-HEM BB1000025//CIT-HSP-2348F3.TR CIT-HSP Homo sapiens genomic clone 2348F3, genomic survey sequence.//0.96:198:62//AQ062938
- F-HEM BB1000030//Homo sapiens DNA sequence from PAC 32F7 on chromosome X. Contains NUCLEOSOME ASSEMBLY PROTEIN 1-LIKE 3, ESTs.//0.00049:276:64//AL009173
- F-HEM BB1000036//H.sapiens chromosome 22 CpG island DNA genomic Mse1 fragment, clone 302e2, reverse read 302e2.r.//0.0057:66:81//Z79857
- 15 F-HEM BB1000037//Homo sapiens erythroblast macrophage protein EMP mRNA, complete cds.//1.9e-100:450:98//AF084928
- F-HEM BB1000039//HS_2167_B1_F12_T7 CIT Approved Human Genomic Sperm Library D Homo sapiens genomic clone Plate=2167 Col=23 Row=L, genomic survey sequence.//0.022:108:69//AQ092404
- 20 F-HEM BB1000044//Borrelia burgdorferi (section 50 of 70) of the complete genome.//1.0e-07:486:61//AE001164
- F-HEM BB1000048//Plasmodium falciparum 3D7 chromosome 12 PFYACB8-628 genomic sequence, WORKING DRAFT SEQUENCE, 9 unordered pieces.//5.3e-05:585:58//AC005507
- F-HEM BB1000050//Homo sapiens DNA sequence from clone 501N12 on chromosome 6p22.1-22.3 Contains a gene almost identical to four genes of unknown function, a pseudogene, three (pseudo?) genes similar to genes of unknown function, an unknown gene similar to a rat EST, a PX19 LIKE pseudogene and another unknown gene.
- 25 Contains ESTs, STSs and GSSs, complete sequence.//5.8e-38:549:67//AL022170
- F-HEM BB1000054//Homo sapiens Xp22 PAC RPC11-167A22 (from Roswell Park Cancer Center) complete sequence.//7.0e-98:328:83//AC002349
- F-HEM BB1000055//Homo sapiens genomic DNA for centromeric end of MHC class I region on chromosome 6, cosmid clone: TY2F10, WORKING DRAFT SEQUENCE.//3.7e-05:600:58//AB000880
- 30 F-HEM BB1000059//Homo sapiens clone RG339C12, WORKING DRAFT SEQUENCE, 10 unordered pieces.//1.3e-48:472:78//AC005096
- F-HEM BB1000083
- F-HEM BB1000089//Plasmodium falciparum DNA *** SEQUENCING IN PROGRESS *** from MAL1P1, WORKING DRAFT SEQUENCE.//0.0036:679:56//AL031744
- 35 F-HEM BB1000099//Homo sapiens chromosome 18 BAC RPC11-128D14 (Roswell Park Cancer Institute Human BAC Library) complete sequence.//1.1e-15:312:68//AC005909
- F-HEM BB1000103//Homo sapiens Xp22-150 BAC GSHB-309P15 (Genome Systems Human BAC Library) complete sequence.//1.0e-37:316:74//AC006210
- F-HEM BB1000113//Homo sapiens chromosome 21q22.3 cosmid Q11M15, complete sequence.//3.1e-25:259:76//AF045450
- 40 F-HEM BB1000119//Homo sapiens ASMTL gene.//1.2e-137:654:98//Y15521
- F-HEM BB1000136//Mycobacterium tuberculosis H37Rv complete genome; segment 127/162.//0.59:217:66//Z74697
- F-HEM BB1000141//Homo sapiens DNA from chromosome 19q13.1 cosmid f14121 containing ATP4A and GADPH-2 genes, genomic sequence.//8.4e-31:113:88//AD000090
- 45 F-HEM BB1000144//Human BAC clone RG114A06 from 7q31, complete sequence.//4.4e-58:339:87//AC002542
- F-HEM BB1000173//Homo sapiens 12q24 BAC RPC11-162P23 (Roswell Park Cancer Institute Human BAC library) complete sequence.//9.4e-160:562:93//AC002996
- F-HEM BB1000175
- 50 F-HEM BB1000198//HS_3071_A2_A10_MF CIT Approved Human Genomic Sperm Library D Homo sapiens genomic clone Plate=3071 Col=20 Row=A, genomic survey sequence.//0.99:261:61//AQ137388
- F-HEM BB1000215//Homo sapiens chromosome 17, clone hRPK_481_C_4, complete sequence.//6.7e-17:138:86//AC005839
- F-HEM BB1000217//Arabidopsis thaliana ubiquitin activating enzyme (UBA1) gene, complete cds.//0.00083:287:60//U80808
- 55 F-HEM BB1000218//Caenorhabditis elegans cosmid C52A11, complete sequence.//0.90:337:56//Z46792
- F-HEM BB1000226//Human DNA sequence from cosmid RJ14 from a contig from the tip of the short arm of chromosome 16, spanning 2Mb of 16p13.3. Contains ESTs and CpG island.//1.7e-90:175:92//Z69890

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- F-HEM BB1000240//Human G-protein-coupled inwardly rectifying potassium channel (KCNJ3) gene, polymorphic repeat sequence.//0.16:171:62//U07918
- F-HEM BB1000244//Homo sapiens clone DJ1129E22, WORKING DRAFT SEQUENCE, 7 unordered pieces.//4.8e-08:355:63//AC005522
- 5 F-HEM BB1000250//Homo sapiens protein associated with Myc mRNA, complete cds.//6.6e-155:735:98//AF075587
- F-HEM BB1000258//Human adenosine monophosphate deaminase 1 (AMPD1) gene, exons 1-16.//0.58:396:59//M98818
- 10 F-HEM BB1000264//Human clone C3 CHL1 protein (CHLR1) mRNA, alternatively spliced, complete cds.//4.4e-32:100:100//U75968
- F-HEM BB1000266//Homo sapiens Xp22 BAC GSHB-433024 (Genome Systems Human BAC library) complete sequence.//3.8e-16:176:78//AC004470
- F-HEM BB1000272//Plasmodium falciparum chromosome 2, section 6 of 73 of the complete sequence.//0.011:379:58//AE001369
- 15 F-HEM BB1000274//Arabidopsis thaliana DNA chromosome 4, BAC clone T5K18 (ESSAI project).//0.92:272:61//AL022580
- F-HEM BB1000284//Human Xp22 BAC CT-285I15 (from CalTech/Research Genetics), PAC RPC11-27C22 (from Roswell Park Cancer Center), and Cosmid U35B5 (from Lawrence Livermore), complete sequence.//0.00071:568:57//AC002366
- 20 F-HEM BB1000307//Human DNA sequence from PAC 29K1 on chromosome 6p21.3-22.2. Contains glutathione peroxidase-like; zinc finger, ESTs, mRNA, STS, tRNAs, olfactory receptor pseudogene.//3.0e-13:439:65//Z98745
- F-HEM BB1000312//Homo sapiens clone GS051M12, complete sequence.//0.031:252:65//AC005007
- F-HEM BB1000317//Fugu rubripes GSS sequence, clone 060J22aE10, genomic survey sequence.//0.00033:173:65//AL026242
- 25 F-HEM BB1000318//HS_3244_B2_H10_T7 CIT Approved Human Genomic Sperm Library D Homo sapiens genomic clone Plate=3244 Col=20 Row=P, genomic survey sequence.//3.9e-85:438:95//AQ252951
- F-HEM BB1000335//Homo sapiens chromosome 18, clone hRPK24_A_23, complete sequence.//0.63:285:61//AC005968
- F-HEM BB1000336
- 30 F-HEM BB1000337//Homo sapiens chromosome 4 clone B208G5 map 4q25, complete sequence.//0.0014:309:64//AC004051
- F-HEM BB1000338//HS_3108_A2_F07_T7 CIT Approved Human Genomic Sperm Library D Homo sapiens genomic clone Plate=3108 Col=14 Row=K, genomic survey sequence.//3.8e-09:331:63//AQ140356
- F-HEM BB1000339//Homo sapiens 12q24 PAC RPC11-46F2 (Roswell Park Cancer Institute Human PAC library) complete sequence.//1.2e-52:295:77//AC002351
- 35 F-HEM BB1000341
- F-HEM BB1000343//Plasmodium falciparum MAL3P3, complete sequence.//0.00081:397:61//Z98547
- F-HEM BB1000354//Human DNA sequence from clone 192P9 on chromosome Xp11.23-11.4. Contains a pseudogene similar to rat Plasmolipin, ESTs and GSSs, complete sequence.//9.1e-34:596:66//AL020989
- 40 F-HEM BB1000369//Genomic sequence from Human 17, complete sequence.//0.012:298:60//AC002090
- F-HEM BB1000374//Human Xp22 contig of 3 PACS (R7-39D12, R7-134G1, R7-185L21) from the Roswell Park Cancer Institute, complete sequence.//9.3e-69:294:89//U96409
- F-HEM BB1000376//Human DNA sequence from clone 751H9 on chromosome 6q13. Contains part of an unknown gene, ESTs, STSs and GSSs, complete sequence.//3.5e-54:352:88//AL034377
- 45 F-HEM BB1000391//Trichothecium roseum internal transcribed spacer 1, 5.8S ribosomal RNA gene; and internal transcribed spacer 2, complete sequence.//0.011:168:67//U51982
- F-HEM BB1000399//Homo sapiens Rad17-like protein (RAD17) mRNA, complete cds.//2.6e-163:762:98//AF076838
- F-HEM BB1000402//Homo sapiens Xq28 BAC PAC and cosmid clones containing FMR2 gene exons 1,2, and 3, complete sequence.//7.7e-15:466:63//AC002368
- 50 F-HEM BB1000404//Homo sapiens mRNA for myosin-IXA.//3.5e-65:324:98//AJ001714
- F-HEM BB1000420//244Kb Contig from Human Chromosome 11p15.5 spanning D11S1 through D11S25, complete sequence.//0.013:399:62//AC001228
- F-HEM BB1000434//Homo sapiens PAC clone 278C19 from 12q, complete sequence.//6.1e-83:571:84//AC004263
- 55 F-HEM BB1000438//RPC11-21E14.TP RPC11-11 Homo sapiens genomic clone RPC11-21E14, genomic survey sequence.//0.0030:295:63//B83110
- F-HEM BB1000441//Homo sapiens Chromosome 22q12 Cosmid Clone ll47g11, complete sequence.//2.5e-33:372:72//AC000035

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F-HEM BB1000449//Human DNA sequence from PAC 296K21 on chromosome X contains cyto keratin exon, delta-aminolevulinic synthase (erythroid); 5-aminolevulinic acid synthase.(EC 2.3.1.37). 6-phosphofructo-2-kinase/fructose-2,6-bisphosphatase (EC 2.7.1.105, EC 3.1.3.46), ESTs and STS.//1.3e-51:534:72//Z83821

5 F-HEM BB1000455//Saccharomyces cerevisiae mitochondrion origin of replication (ori6) and oli1 gene, complete cds.//0.016:522:58//L36899

F-HEM BB1000472

F-HEM BB1000480

F-HEM BB1000487//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 128O3, WORKING DRAFT SEQUENCE.//0.00013:314:64//Z98742

10 F-HEM BB1000490//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 1185N5, WORKING DRAFT SEQUENCE.//4.1e-110:529:98//AL034423

F-HEM BB1000491//Plasmodium falciparum chromosome 2, section.25 of 73 of the complete sequence//0.10:187:65//AE001388

15 F-HEM BB1000493//Human DNA sequence from clone 353H6 on chromosome Xq25-26.2. Contains the alternatively spliced SMARCA1 gene for SW1/SNF related, matrix associated, actin dependent regulator of chromatin, subfamily a, member 1 (SNF2L1) and a 40S Ribosomal Protein S26 pseudogene. Contains ESTs, STSs and GSSs, complete sequence.//3.7e-06:637:58//AL022577

F-HEM BB1000510//Homo sapiens chromosome 17, clone hRPK.112_J_9, complete sequence.//3.1e-96:737:81//AC005553

20 F-HEM BB1000518//Homo Sapiens Chromosome X clone bWXD171, WORKING DRAFT SEQUENCE, 1 ordered pieces.//0.00014:163:68//AC004676

F-HEM BB1000523//Plasmodium falciparum DNA *** SEQUENCING IN PROGRESS *** from contig 3-105, complete sequence.//0.41:349:56//AL010212

F-HEM BB1000530//H.sapiens mRNA for extracellular matrix protein collagen type XIV, C-terminus.//6.6e-37:138:96//Y11710

25 F-HEM BB1000550//Homo sapiens genomic DNA of 8p21.3-p22 anti-oncogene of hepatocellular colorectal and non-small cell lung cancer, segment 3/11.//3.9e-56:683:71//AB020860

F-HEM BB1000554//Homo sapiens *** SEQUENCING IN PROGRESS *** WORKING DRAFT SEQUENCE.//2.2e-51:282:84//AJ011929

30 F-HEM BB1000556//Homo sapiens mRNA for KIAA0750 protein, complete cds.//6.1e-32:537:65//AB018293

F-HEM BB1000564

F-HEM BB1000573//Homo sapiens clone RG228D17, WORKING DRAFT SEQUENCE, 2 unordered pieces.//8.2e-33:268:73//AC005077

35 F-HEM BB1000575//Human DNA sequence from clone 323M22 on chromosome 22q13.1-13.2. Contains the 5' part of the human ortholog of chicken P52 and mouse H74, and a novel gene coding for a protein similar to KIAA0173 and worm Tubulin Tyrosine Ligase. Contains ESTs, STSs, GSSs, genomic marker D22S418 and putative CpG islands, complete sequence.//5.8e-47:734:66//AL022476

F-HEM BB1000586//H.sapiens highly polymorphic microsatellite DNA.//0.030:147:67//X79883

40 F-HEM BB1000589//Homo sapiens Chromosome 16 BAC clone CIT987SK-A-279B10, complete sequence.//6.3e-41:278:83//AC002300

F-HEM BB1000591//Homo sapiens Xp22 bins 45-47 BAC GSHB-665N22 (Genome Systems Human BAC Library) complete sequence.//1.1e-182:871:98//AC005184

F-HEM BB1000592//Hepatitis C virus genomic RNA, 3' nontranslated region, partial sequence. clone #19.//0.012:185:64//AF009074

45 F-HEM BB1000593//Homo sapiens chromosome 7q22 sequence, complete sequence.//1.2e-131:353:93//AF053356

F-HEM BB1000598//Homo sapiens 12p13.3 BAC RPCI3-488H23 (Roswell Park Cancer Institute Human BAC Library) complete sequence.//9.1e-58:600:72//AC006207

F-HEM BB1000623//cDNA encoding Coliolum manganese peroxidase.//0.89:284:62//E12284

50 F-HEM BB1000630//Mus musculus clone NSAT47 nonsatellite RNA sequence.//1.9e-15:129:87//U26231

F-HEM BB1000631//Sequence 26 from patent US 5708157.//3.2e-27:180:88//I80057

F-HEM BB1000632//Human mRNA for KIAA0351 gene, complete cds.//1.6e-48:811:65//AB002349

F-HEM BB1000637//Homo sapiens clone DJ0425I02, WORKING DRAFT SEQUENCE, 5 unordered pieces.//4.1e-58:649:73//AC005478

55 F-HEM BB1000638//HS_3051_A1_G01_MF CIT Approved Human Genomic Sperm Library D Homo sapiens genomic clone Plate=3051 Col=1 Row=M, genomic survey sequence.//0.0032:497:56//AQ155234

F-HEM BB1000643//Homo sapiens clone RG228D17, WORKING DRAFT SEQUENCE, 2 unordered pieces.//2.4e-50:791:68//AC005077

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- F-HEM BB1000649//Homo sapiens Chromosome 16 BAC clone CIT987-SK502C10, complete sequence//5.2e-64:775:69//AC003009
- F-HEM BB1000652//Homo sapiens chromosome 10 clone CRI-JC2048 map 10q22.1, WORKING DRAFT SEQUENCE, 4 unordered pieces//2.7e-52:334:89//AC006186
- 5 F-HEM BB1000665//Human DNA sequence from clone 452M16 on chromosome Xq21.1-21.33 Contains capping protein alpha subunit isoform 1 pseudogene, STS, GSS, and CA repeat, complete sequence//0.0062:426:60//AL024493
- F-HEM BB1000671//Human DNA sequence from PAC 93H18 on chromosome 6 contains ESTs heterochromatin protein HP1Hs-gamma pseudogene, STS and CpG island//9.6e-95:399:78//Z84488
- 10 F-HEM BB1000673//HS_3039_A2_C08_MF CIT Approved Human Genomic Sperm Library D Homo sapiens genomic clone Plate=3039 Col=16 Row=E, genomic survey sequence//3.8e-50:293:92//AQ155121
- F-HEM BB1000684//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 222E13, WORKING DRAFT SEQUENCE//8.0e-65:282:83//Z93241
- F-HEM BB1000693//Homo sapiens neuroan1 mRNA, complete cds//1.6e-118:575:97//AF040723
- 15 F-HEM BB1000705//Plasmodium falciparum 3D7 chromosome 12:PFYACB8-628 genomic sequence, WORKING DRAFT SEQUENCE, 9 unordered pieces//8.6e-07:251:61//AC005507
- F-HEM BB1000706//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 153G14, WORKING DRAFT SEQUENCE//2.9e-20:434:64//AL031118
- F-HEM BB1000709//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 994L9, WORKING DRAFT SEQUENCE//0.26:184:65//AL034554
- 20 F-HEM BB1000725//Rattus norvegicus GTPase Rab8b (Rab8b) mRNA, complete cds//1.8e-129:692:93//U53475
- F-HEM BB1000726//Human Chromosome 16 BAC clone CIT987SK-A-363E6, complete sequence//2.7e-40:304:80//U91321
- F-HEM BB1000738//Human Xq28 cosmids U126G1, U142F2, U69B6, U145C10, U169A5, U84H1, U24D12, U80A7, U153E6, L35485, and R7-163A8 containing iduronate-2-sulfatase gene and pseudogene, complete sequence//8.9e-35:582:63//AF011889
- 25 F-HEM BB1000749//Homo sapiens chromosome 11 clone CIT-HSP-1337H24, WORKING DRAFT SEQUENCE, 9 unordered pieces//6.2e-46:262:89//AC005849
- F-HEM BB1000763//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 537K23, WORKING DRAFT SEQUENCE//1.6e-99:316:98//AL034405
- 30 F-HEM BB1000770//Human DNA sequence from clone 80I19 on chromosome 6p21.31-22.2 Contains genes and pseudogenes for olfactory receptor-like proteins, STS, GSS, complete sequence//0.044:325:60//AL022727
- F-HEM BB1000774
- F-HEM BB1000781//Sequence 3 from patent US 5753446//1.2e-92:599:86//AR008277
- 35 F-HEM BB1000789//Homo sapiens mRNA for KIAA0677 protein, complete cds//9.3e-64:672:71//AB014577
- F-HEM BB1000790//Homo sapiens 12q13.1 PAC RPC11-228P16 (Roswell Park Cancer Institute Human PAC Library) complete sequence//2.4e-41:460:74//AC004801
- F-HEM BB1000794//HS_3034_B2_D12_MF CIT Approved Human Genomic Sperm Library D Homo sapiens genomic clone Plate=3034 Col=24 Row=H, genomic survey sequence//1.8e-74:378:97//AQ117099
- 40 F-HEM BB1000807//H.sapiens CpG island DNA genomic Mse1 fragment, clone 39d7, reverse read cpg39d7.rt1a//8.5e-14:95:97//Z58412
- F-HEM BB1000810//H.sapiens chromosome 22 CpG island DNA genomic Mse1 fragment, clone 303a8, complete read//3.2e-05:138:71//Z79983
- F-HEM BB1000821//HS_2168_B1_A12_MF CIT Approved Human Genomic Sperm Library D Homo sapiens genomic clone Plate=2168 Col=23 Row=B, genomic survey sequence//0.85:208:60//AQ086361
- 45 F-HEM BB1000822//Human BAC clone GS113H23 from 5p15.2, complete sequence//3.0e-06:361:60//AC003015
- F-HEM BB1000826//Human BAC clone RG180F08 from 7q31, complete sequence//1.1e-27:360:69//AC002431
- F-HEM BB1000827
- F-HEM BB1000831
- 50 F-HEM BB1000835//Human DNA sequence from clone 45I4 on chromosome 6q24.1-24.3. Contains two putative unknown genes, ESTs, STSs and GSSs, complete sequence//0.00098:234:63//AL023581
- F-HEM BB1000840//Human Chromosome 11 Cosmid cSRL97a6, complete sequence//4.5e-61:328:79//U73649
- F-HEM BB1000848//Homo sapiens DNA sequence from PAC 206D15 on chromosome 1q24. Contains a Reduced Folate Carrier protein (RFC) LIKE gene, a mitochondrial ATP Synthetase protein 8 (ATP8, MTATP8) LIKE pseudogene, an unknown gene and the last exon of the JEM1 gene coding for the Basic-Leucine Zipper nuclear factor JEM-1. Contains ESTs, an STS and a BAC end sequence (GSS), complete sequence//9.7e-144:809:87//AL021068
- 55 F-HEM BB1000852//Plasmodium falciparum 3D7 chromosome 12 PFYAC293 genomic sequence, WORKING

EP 1 074 617 A2

DRAFT SEQUENCE, 9 unordered pieces.//0.12:492:58//AC004157
 F-HEM BB1000870//Plasmodium falciparum 3D7 chromosome 12 PFYAC293 genomic sequence, WORKING
 DRAFT SEQUENCE, 9 unordered pieces.//0.0024:212:67//AC004157
 F-HEM BB1000876//Homo sapiens ELISC-1 mRNA, partial cds.//1.5e-32:200:94//AF085351
 5 F-HEM BB1000883//HS_3065_B2_C04_MR CIT Approved Human Genomic Sperm Library D Homo sapiens ge-
 nomic clone Plate=3065 Col=8 Row=F, genomic survey sequence.//0.0017:152:66//AQ137687
 F-HEM BB1000887
 F-HEM BB1000888//CIT-HSP-2329A10.TR CIT-HSP Homo sapiens genomic clone 2329A10, genomic survey se-
 quence.//1.5e-31:172:98//AQ044369
 10 F-HEM BB1000890
 F-HEM BB1000893//Plasmodium falciparum MAL3P2, complete sequence.//9.5e-06:768:56//AL034558
 F-HEM BB1000908//Homo sapiens clone DJ1119N05, complete sequence.//4.5e-21:199:82//AC004968
 F-HEM BB1000910//Plasmodium falciparum DNA *** SEQUENCING IN PROGRESS *** from MAL4P1, WORKING
 DRAFT SEQUENCE.//0.72:366:59//AL034557
 15 F-HEM BB1000913//HS_3078_B1_C02_MR CIT Approved Human Genomic Sperm Library D Homo sapiens ge-
 nomic clone Plate=3078 Col=3 Row=F, genomic survey sequence.//9.9e-12:221:63//AQ144507
 F-HEM BB1000915//Homo sapiens DNA for (CGG)_n trinucleotide repeat region, isolate P4.//1.2e-49:252:99//
 AJ001215
 F-HEM BB1000917//Homo sapiens chromosome 5, P1 clone 254f11: (LBNL H62), complete sequence.//2.3e-42:
 20 316:76//AC006077
 F-HEM BB1000927//Human BDR-2 mRNA for hippocalcin, complete cds.//3.6e-30:528:65//D16593
 F-HEM BB1000947//CpG0856B CplOWAgDNA1 Cryptosporidium parvum genomic, genomic survey sequence.//
 0.81:262:62//AQ254493
 F-HEM BB1000959//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 346O6, WORKING
 25 DRAFT SEQUENCE.//1.2e-43:454:75//Z84487
 F-HEM BB1000973//Mus musculus schlafen2 (Sfn2) mRNA, complete cds.//8.3e-42:458:72//AF099973
 F-HEM BB1000975//Arabidopsis thaliana genomic DNA, chromosome 5, P1 clone: MBK5, complete sequence.//
 0.98:196:63//AB005234
 F-HEM BB1000981
 30 F-HEM BB1000985//Homo sapiens chromosome 19, cosmid R29388, complete sequence.//2.9e-06:566:57//
 AC004476
 F-HEM BB1000991//Human DNA sequence from PAC 238J17 on chromosome 6q22. Contains EST and STS.//
 0.099:391:57//Z98753
 F-HEM BB1000996//Human DNA sequence from BAC 999D10 on chromosome 22q13.3. Contains two BAC end-
 35 sequences (GSSs).//6.2e-33:227:80//Z94802
 F-HEM BB1001004
 F-HEM BB1001008//Human Chromosome 16 BAC clone CIT987SK-A-951C11, complete sequence.//4.0e-13:164:
 79//AC002551
 F-HEM BB1001011//Human Chromosome 16 BAC clone CIT987SK-A-635H12, complete sequence.//7.5e-13:229:
 40 69//AC002310
 F-HEM BB1001014//Homo sapiens chromosome 16, BAC clone 375G12 (LANL), complete sequence.//0.32:474:
 58//AC005751
 F-HEM BB1001020//Homo sapiens BAC clone 255A7 from 8q21 containing NBS1 gene, complete sequence.//
 2.6e-39:218:80//AF069291
 45 F-HEM BB1001024//Homo sapiens BAC clone 393I22 from 8q21, complete sequence.//5.3e-05:656:59//AF070717
 F-HEM BB1001037//CIT-HSP-2358K16.TF CIT-HSP Homo sapiens genomic clone 2358K16, genomic survey se-
 quence.//6.6e-05:228:64//AQ080539
 F-HEM BB1001047//Homo sapiens cosmids Qc14E2, Qc12H12, Qc11F9, Qc10G9, LA1733 and Qc17B8 from
 Xq28, complete sequence.//4.0e-27:385:71//U82671
 50 F-HEM BB1001051//H.sapiens mRNA for FAN protein.//1.2e-27:160:98//X96586
 F-HEM BB1001056//Homo sapiens clone DJ0953A04, WORKING DRAFT SEQUENCE, 5 unordered pieces.//
 2.3e-89:180:91//AC006014
 F-HEM BB1001058//Homo sapiens 3p22-8 PAC RPC14-736H12 (Roswell Park Cancer Institute Human PAC Li-
 brary) complete sequence.//1.2e-41:468:74//AC006060
 55 F-HEM BB1001060//Human Tigger1 transposable element, complete consensus sequence.//4.3e-122:785:86//
 U49973
 F-HEM BB1001063//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 523G1, WORKING
 DRAFT SEQUENCE.//7.1e-162:770:99//AL034375

- F-HEM BB1001068//Homo sapiens liprin-beta2 mRNA, partial cds.//3.1e-146:736:95//AF034803
- F-HEM BB1001096//Buchnera aphidicola genomic fragment containing (chaperone Hsp60) groEL, DNA biosynthesis initiating protein (dnaA), ATP operon (atpCDGAHFEB), and putative chromosome replication protein (gidA) genes, complete cds; and termination factor Rho (rho) gene, partial cds.//0.00088:690:57//AF008210
- 5 F-HEM BB1001102//Homo sapiens huntingtin interacting protein HYPH mRNA, partial cds.//2.1e-76:368:99//AF049612
- F-HEM BB1001105//CIT-HSP-2185N1.TR CIT-HSP Homo sapiens genomic clone 2185N1, genomic survey sequence.//1.0e-09:136:76//AQ002987
- F-HEM BB1001112//Rattus rattus sec61 homologue mRNA, complete cds.//1.0e-108:909:76//M96630
- 10 F-HEM BB1001114//Homo sapiens chromosome 17, clone hRPK.795_F_17, complete sequence.//7.2e-07:459:59//AC005284
- F-HEM BB1001117//HS_2178_B1_E12_MR CIT Approved-Human Genomic Sperm Library D Homo sapiens genomic clone Plate=2178 Col=23 Row=J, genomic survey sequence.//7.8e-50:331:86//AQ068244
- F-HEM BB1001119//Human collagen type XII alpha-1 precursor (COL12A1) mRNA, complete cds.//1.6e-25:150:98//U73778
- 15 F-HEM BB1001126
- F-HEM BB1001133//Homo sapiens Xp22-132-134 BAC GSHB-590J15 (Genome Systems Human BAC library) complete sequence.//2.8e-24:228:80//AC004673
- F-HEM BB1001137
- 20 F-HEM BB1001142//Homo sapiens chromosome Y, clone 264.M.20, complete sequence.//1.0e-40:231:76//AC004617
- F-HEM BB1001151//Rattus norvegicus golgi peripheral membrane protein p65 (GRASP65) mRNA, complete cds.//2.9e-47:640:67//AF015264
- F-HEM BB1001153//CIT-HSP-2359K11.TR CIT-HSP Homo sapiens genomic clone 2359K11, genomic survey sequence.//0.76:136:67//AQ075724
- 25 F-HEM BB1001169//Human DNA sequence from PAC 84F12 on chromosome Xq25-Xq26.3. Contains glypican-3 precursor (intestinal protein OCI-5) (GTR2-2), ESTs and CA repeat.//9.9e-63:259:79//AL008712
- F-HEM BB1001175//Human mRNA for ankyrin motif, complete cds.//2.2e-34:509:66//D78334
- F-HEM BB1001177//CIT-HSP-2321I17.TR CIT-HSP Homo sapiens genomic clone 2321I17, genomic survey sequence.//5.9e-27:320:75//AQ036473
- 30 F-HEM BB1001182//RPCI11-30J5.TV RPCI-11 Homo sapiens genomic clone RPCI-11-30J5, genomic survey sequence.//5.7e-06:62:96//B85188
- F-HEM BB1001199
- F-HEM BB1001208//HS_2026_B1_C07_T7 CIT Approved Human Genomic Sperm Library D Homo sapiens genomic clone Plate=2026 Col=13 Row=F, genomic survey sequence.//0.00018:134:70//AQ229237
- 35 F-HEM BB1001209//CITBI-E1-2521F23.TF CITBI-E1 Homo sapiens genomic clone 2521F23, genomic survey sequence.//1.4e-95:464:98//AQ278357
- F-HEM BB1001210//HS_3102_A2_F09_MF CIT Approved Human Genomic Sperm Library D Homo sapiens genomic clone Plate=3102 Col=18 Row=K, genomic survey sequence.//2.6e-90:446:98//AQ119196
- 40 F-HEM BB1001218//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 796F18, WORKING DRAFT SEQUENCE.//1.0e-31:315:72//AL031291
- F-HEM BB1001221//Plasmodium falciparum 3D7 chromosome 12 PFYAC1383 genomic sequence, WORKING DRAFT SEQUENCE, 3 unordered pieces.//9.7e-17:770:59//AC005504
- F-HEM BB1001234//H.sapiens CpG island DNA genomic MseI fragment, clone 39f9, forward read cpg39f9.ft1e//4.0e-30:171:97//Z65435
- 45 F-HEM BB1001242//Homo sapiens mRNA for LAK-1, complete cds.//3.8e-30:458:67//AB005754
- F-HEM BB1001249//CIT-HSP-2375N19.TF CIT-HSP Homo sapiens genomic clone 2375N19, genomic survey sequence.//0.0076:250:63//AQ109087
- F-HEM BB1001253//Homo sapiens genomic DNA, chromosome 21q11.1, segment 3/28, WORKING DRAFT SEQUENCE.//0.0097:89:80//AP000032
- 50 F-HEM BB1001254//CIT-HSP-2320E5.TF CIT-HSP Homo sapiens genomic clone 2320E5, genomic survey sequence.//3.7e-54:284:97//AQ037173
- F-HEM BB1001267//Homo sapiens chromosome 17, clone hRPK.488_L_1, complete sequence.//3.5e-30:236:78//AC005303
- 55 F-HEM BB1001271//HS_3011_A1_G02_T7 CIT Approved Human Genomic Sperm Library D Homo sapiens genomic clone Plate=3011 Col=3 Row=M, genomic survey sequence.//5.2e-07:364:62//AQ214217
- F-HEM BB1001282//CIT-HSP-2356J20.TF CIT-HSP Homo sapiens genomic clone 2356J20; genomic survey sequence.//1.8e-16:109:97//AQ060969

- F-HEM BB1001288//R.norvegicus mRNA for gephyrin.//3.4e-18:194:77//X66366
 F-HEM BB1001289//Genomic sequence from Human 9q34, complete sequence.//4.8e-66:434:74//AC000387
 F-HEM BB1001294//HS_3039_B1_D01_MF CIT Approved Human Genomic Sperm Library D Homo sapiens ge-
 nomic clone Plate=3039 Col=1 Row=H, genomic survey sequence.//2.0e-90:437:99//AQ155035
 5 F-HEM BB1001302
 F-HEM BB1001304//CIT-HSP-2053E15.TF CIT-HSP Homo sapiens genomic clone 2053E15, genomic survey se-
 quence.//2.2e-07:370:61//B69144
 F-HEM BB1001314//Mus musculus Olf-1/EBF-like-3 transcription factor (O/E-3) mRNA, complete cds.//5.7e-116:
 663:85//U92703
 10 F-HEM BB1001315//Homo sapiens chromosome 10 clone LA10NC01_40_G_3 map 10q26.1-10q26.2, WORKING
 DRAFT SEQUENCE, 1 ordered pieces.//2.5e-33:328:77//AC006096
 F-HEM BB1001317//Homo sapiens Xp22-150 BAC GSHB-309P15 (Genome Systems Human BAC Library) com-
 plete sequence.//1.4e-122:680:91//AC006210
 F-HEM BB1001326//Homo sapiens BAC clone RG136N17 from 7p15-p21, complete sequence.//2.8e-09:518:60//
 15 AC004129
 F-HEM BB1001331//Mus musculus mRNA for hepatoma-derived growth factor, complete cds, strain:BALB/c.//3.7e-
 56:458:79//D63850
 F-HEM BB1001335//HS_3055_A1_H10_MR CIT Approved Human Genomic Sperm Library D Homo sapiens ge-
 nomic clone Plate=3055 Col=19 Row=O, genomic survey sequence.//1.0:222:63//AQ147384
 20 F-HEM BB1001337//Human PAC clone DJ0093I03 from Xq23, complete sequence.//1.0e-74:319:85//AC003983
 F-HEM BB1001339//Homo sapiens FSHD-associated repeat DNA, proximal region.//4.0e-135:856:87//U85056
 F-HEM BB1001346//Human familial Alzheimer's disease (STM2) gene, complete cds.//3.3e-44:481:74//U50871
 F-HEM BB1001348//Homo sapiens BAC clone NH0491B03 from 7p21-p15, complete sequence.//1.8e-17:210:73//
 AC006041
 25 F-HEM BB1001356//Homo sapiens clone RG252P22, WORKING DRAFT SEQUENCE, 3 unordered pieces.//1.0:
 386:59//AC005079
 F-HEM BB1001364//Homo sapiens chromosome 17, clone hRPC.842_A_23, complete sequence.//0.97:349:61//
 AC004662
 F-HEM BB1001366//Homo sapiens chromosome 10 clone CIT987SK-1188I5 map 10p11.2-10p12.1, complete se-
 30 quence.//5.5e-161:766:98//AC005876
 F-HEM BB1001367//Homo sapiens chromosome 17, clone hRPC.906_A_24, complete sequence.//3.0e-55:510:
 76//AC004408
 F-HEM BB1001369//Homo sapiens BAC clone RG163K11 from 7q31, complete sequence.//0.048:244:64//
 AC005192
 35 F-HEM BB1001380//Homo sapiens PAC clone DJ1102B04 from 7q11.23-7q21, complete sequence.//2.5e-26:257:
 78//AC006204
 F-HEM BB1001384//Mus musculus COP9 complex subunit 4 (COPS4) mRNA, complete cds.//5.1e-99:571:89//
 AF071314
 F-HEM BB1001387//Leishmania tarentolae mitochondrial 12S ribosomal RNA gene.//7.1e-05:546:58//X02354
 40 F-HEM BB1001394//Homo sapiens BAC clone GS421I03 from Xq25-q26, complete sequence.//4.0e-129:788:88//
 AC005023
 F-HEM BB1001410//Homo sapiens wbscr1 (WBSCR1) and replication factor C subunit 2 (RFC2) genes, complete
 cds.//4.8e-11:632:59//AF045555
 F-HEM BB1001424//Mus musculus Chromosome 4 BAC clone BacB6, complete sequence.//0.0012:435:59//
 45 AC003019
 F-HEM BB1001426//Homo sapiens clone DJ0736H05, WORKING DRAFT SEQUENCE, 5 unordered pieces.//
 3.8e-17:360:64//AC005482
 F-HEM BB1001429//leucine aminopeptidase [cattle, kidney, mRNA, 2056 nt].//4.1e-114:668:88//S65367
 F-HEM BB1001436//Homo sapiens FUT2 gene, intron 1, complete sequence.//2.3e-37:438:74//AB000931
 50 F-HEM BB1001443//Bos taurus pyruvate dehydrogenase phosphatase mRNA, complete cds.//9.1e-92:550:88//
 L18966
 F-HEM BB1001449//Homo sapiens chromosome 5, PAC clone 228g9 (LBNL H142), complete sequence.//0.00024:
 385:62//AC004768
 F-HEM BB1001454//Homo sapiens chromosome 19, cosmid R34169, complete sequence.//0.84:577:57//
 55 AC005790
 F-HEM BB1001458//Human Chromosome 11 pac pDJ197h17, WORKING DRAFT SEQUENCE, 11 unordered
 pieces.//8.0e-40:377:78//AC000382
 F-HEM BB1001463//Human Chromosome 16 BAC clone CIT987SK-A-270G1, complete sequence.//0.011:482:

59//AF001549

F-HEM BB1001464//Human chromosome 16p13 BAC clone CIT987SK.3H8 complete sequence.//0.019:263:61//U91320

F-HEM BB1001482//Rattus norvegicus Olf-1/EBF associated Zn finger protein Roaz mRNA, alternatively spliced form, complete cds.//1.0e-30:521:66//U92564

F-HEM BB1001500//Homo sapiens clone DJ0742P04, WORKING DRAFT SEQUENCE, 6 unordered pieces.//1.3e-31:479:71//AC004873

F-HEM BB1001521//Homo sapiens clone RG269P13, WORKING DRAFT SEQUENCE, 6 unordered pieces.//3.7e-51:680:70//AC005080

F-HEM BB1001527

F-HEM BB1001531//Homo sapiens Chromosome 22q11.2 Cosmid Clone 89h In DGCR Region, complete sequence.//1.3e-79:696:79//AC000089

F-HEM BB1001535//O. aries DNA for polymorphic marker 'OVINRA01' (339 bp).//0.00034:217:62//X89268

F-HEM BB1001536//Homo sapiens PAC clone DJ1182N03 from 7q11.23-q21.1, complete sequence.//0.54:266:60//AC004548

F-HEM BB1001537//Homo sapiens chromosome 19, cosmid R29368, complete sequence.//4.6e-25:784:61//AC004262

F-HEM BB1001555//Homo sapiens Chromosome 16 BAC clone CIT987SK-A-248F7, complete sequence.//6.9e-50:213:80//AC004605

F-HEM BB1001562//Homo sapiens clone NH0523H20, complete sequence.//0.46:269:60//AC005041

F-HEM BB1001564//Human DNA sequence from clone 192P9 on chromosome Xp11.23-11.4. Contains a pseudo-gene similar to rat Plasmolipin, ESTs and GSSs, complete sequence.//1.7e-107:620:83//AL020989

F-HEM BB1001565//Homo sapiens BAC clone RG437L15 from 8q21, complete sequence.//2.4e-50:734:67//AC004003

F-HEM BB1001585//Human DNA sequence from clone 790B6 on chromosome 20p11.22-12.2. Contains STSs and GSSs, complete sequence.//1.4e-166:816:97//AL031677

F-HEM BB1001586

F-HEM BB1001588//Homo sapiens chromosome 19, CIT-HSP-444n24, complete sequence.//1.6e-21:419:65//AC005261

F-HEM BB1001603

F-HEM BB1001618//Homo sapiens DNA sequence from PAC 142L7 on chromosome 6q21. Contains a Laminin Alpha 4 (LAMA4) LIKE gene coding for two alternatively spliced transcripts, a Tubulin Beta LIKE pseudogene, a Connective tissue growth factor (NOV, GIG) LIKE gene, A predicted CpG island, ESTs, STSs and genomic marker D6S416, complete sequence.//4.5e-29:422:72//Z99289

F-HEM BB1001619//HS_3079_B1_A04_MR CIT Approved Human Genomic Sperm Library D Homo sapiens genomic clone Plate=3079 Col=7 Row=B, genomic survey sequence.//0.0010:77:79//AQ123388

F-HEM BB1001630//Homo sapiens clone RG315H11, WORKING DRAFT SEQUENCE, 5 unordered pieces.//3.2e-12:667:59//AC005089

F-HEM BB1001635//Plasmodium falciparum MAL3P7, complete sequence.//3.8e-05:475:57//AL034559

F-HEM BB1001637//Homo sapiens DNA sequence from PAC 934G17 on chromosome 1p36.21. Contains the alternatively spliced CLCN6 gene for chloride channel proteins CLC-6A (KIAA0046) -B, -C and -D, the alternatively spliced NPPA gene coding for Atrial Natriuretic Factor ANF precursor (Atrial Natriuretic peptide ANP, Prepronatriodilatin), the NPPB gene for Brain Natriuretic Protein BNP, and a pseudogene similar to SBF1 (and other Myotubularin-related protein genes). Contains ESTs, STSs and the genomic marker D1S2740, complete sequence.//9.2e-13:168:76//AL021155

F-HEM BB1001641//Arabidopsis thaliana genomic DNA, chromosome 5, P1 clone: MPO12, complete sequence.//0.00097:721:58//AB006702

F-HEM BB1001653//Homo sapiens chromosome 2 clone 101B6 map 2p11, complete sequence.//0.15:276:63//AC002038

F-HEM BB1001665//Bovine herpesvirus type 1 early-intermediate transcription control protein (BICP4) gene, complete cds.//0.43:393:61//L14320

F-HEM BB1001668//F16C15-T7 IGF Arabidopsis thaliana genomic clone F16C15, genomic survey sequence.//0.040:275:60//B12308

F-HEM BB1001673//Homo sapiens mRNA for KIAA0646 protein, complete cds.//7.2e-171:803:98//AB014546

F-HEM BB1001684//Sequence 1 from patent US 5700927.//7.5e-124:883:81//I86429

F-HEM BB1001685//CIT-HSP-2287O9.TF CIT-HSP Homo sapiens genomic clone 2287O9, genomic survey sequence.//2.3e-34:191:97//B99261

F-HEM BB1001695//Human DNA sequence from clone 431P23 on chromosome 6q27. Contains the first coding

exon of the MLLT4 gene for myeloid/lymphoid or mixed-lineage leukemia (trithorax (*Drosophila*) homolog); translocated to, 4 (AF-6, Afadin, MLLT-4, ALL-1 fusion partner), and a Serine Palmitoyltransferase 2 (EC 2.3.1.50, Long Chain Base Biosynthesis protein 2, LCB-2, SPT-2) pseudogene. Contains ESTs, STss, GSSs, and a putative CpG island, complete sequence.//0.0091:334:63//AL009178

F-HEM BB1001704//Human DNA sequence from clone 931E15 on chromosome Xq25. Contains STss, GSSs and genomic marker DXS8098, complete sequence.//1.2e-17:144:87//AL023575

F-HEM BB1001706

F-HEM BB1001707//Guinea pig CD19 mRNA, complete cds.//0.57:232:62//M62543

F-HEM BB1001717//*Saccharomyces cerevisiae* mitochondrial tRNA-Tyr, tRNA-Asn, & amp; tRNA-Met genes.//1.1e-13:723:58//AJ223323

F-HEM BB1001735//Human PAC clone DJ0596O09 from 7p15, complete sequence.//1.3e-36:427:73//AC003074

F-HEM BB1001736//*S.pombe* chromosome II cosmid c4B4.//0.0085:479:57//AL023706

F-HEM BB1001747//Homo sapiens PAC clone DJ1002N02 from 7p21-p22, complete sequence.//4.0e-112:532:84//AC005376

F-HEM BB1001749//Homo sapiens chromosome 17, clone hRPK.259_G_18, complete sequence.//1.3e-98:395:82//AC005829

F-HEM BB1001753//*S.maximus* repeat region, 342bp.//4.2e-11:69:85//Z78099

F-HEM BB1001756//Homo sapiens full-length insert cDNA clone ZD86A11.//0.0015:302:62//AF088064

F-HEM BB1001760//*P.falciparum* complete gene map of plastid-like DNA (IR-A).//0.011:615:56//X95275

F-HEM BB1001762//CIT-HSP-2290J16.TF CIT-HSP Homo sapiens genomic clone 2290J16, genomic survey sequence.//0.84:208:64//AQ005184

F-HEM BB1001785//*Plasmodium falciparum* DNA *** SEQUENCING IN PROGRESS *** from MAL1P3, WORKING DRAFT SEQUENCE.//0.0019:469:60//AL031746

F-HEM BB1001797//Human heterogenous nuclear RNA W16W.//0.00012:83:86//X17272

F-HEM BB1001802//*Plasmodium falciparum* MAL3P7, complete sequence.//1.8e-11:538:60//AL034559

F-HEM BB1001812//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 356B8, WORKING DRAFT SEQUENCE.//1.0e-56:304:84//Z98882

F-HEM BB1001816//Homo sapiens chromosome 19, cosmid F24083, complete sequence.//3.6e-75:300:87//AC005204

F-HEM BB1001831//Homo sapiens PAM COOH-terminal interactor protein 1 (PCIP1) mRNA, complete cds.//2.3e-162:763:98//AF056209

F-HEM BB1001834//CIT-HSP-2291O12.TF CIT-HSP Homo sapiens genomic clone 2291O12, genomic survey sequence.//7.6e-08:73:94//AQ004168

F-HEM BB1001836//Homo sapiens 12q13.1 PAC RPC11-228P16 (Roswell Park Cancer Institute Human PAC Library) complete sequence.//5.7e-30:297:79//AC004801

F-HEM BB1001839//Human Chromosome X, complete sequence.//0.016:293:63//AC004073

F-HEM BB1001850//*Plasmodium falciparum* 3D7 chromosome 12 PFYAC1383 genomic sequence, WORKING DRAFT SEQUENCE, 3 unordered pieces.//0.0027:812:58//AC005504

F-HEM BB1001863//Human Chromosome 15q26.1 PAC clone pDJ460g16, WORKING DRAFT SEQUENCE, 3 unordered pieces.//8.3e-43:520:72//AC004581

F-HEM BB1001867//Human proto-oncogene tyrosine-protein kinase (ABL) gene, exon 1a and exons 2-10, complete cds.//1.7e-56:399:86//U07563

F-HEM BB1001868//*Rattus norvegicus* clone 923 polymeric immunoglobulin receptor mRNA 3' untranslated region, GA rich region, and microsatellites with GGA-triplet and GAA-triplet repeats.//6.1e-08:234:67//U01145

F-HEM BB1001869//Homo sapiens full-length insert cDNA clone YT86F01.//7.4e-87:432:97//AF085974

F-HEM BB1001872

F-HEM BB1001874//Homo sapiens clone DJ241P17, WORKING DRAFT SEQUENCE, 7 unordered pieces.//3.4e-14:631:61//AC005000

F-HEM BB1001875//Human DNA sequence from clone J428A131, WORKING DRAFT SEQUENCE.//0.93:415:57//Z82209

F-HEM BB1001880//Human genomic DNA sequence from clone 308O1 on chromosome Xp11.3-11.4. Contains EST, CA repeat, STS, GSS, CpG island.//1.0e-18:729:60//Z93403

F-HEM BB1001899//*Plasmodium falciparum* DNA *** SEQUENCING IN PROGRESS *** from contig 4-10, complete sequence.//0.0038:425:58//AL010216

F-HEM BB1001905//*S.pombe* chromosome III cosmid c330.//1.1e-23:520:62//AL031603

F-HEM BB1001906

F-HEM BB1001908//Human monocytic leukaemia zinc finger protein (MOZ) mRNA, complete cds.//3.7e-82:672:81//U47742

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- F-HEM BB1001910//Plasmodium falciparum 3D7 chromosome 12 PFYAC181 genomic sequence, WORKING DRAFT SEQUENCE, 8 unordered pieces.//0.0033:566:55//AC005505
- F-HEM BB1001911//Arabidopsis thaliana chromosome II BAC F26C24 genomic sequence, complete sequence.//1.0:581:58//AC004705
- 5 F-HEM BB1001915//Caenorhabditis elegans cosmid T05H10, complete sequence.//1.2e-16:283:67//Z47812
- F-HEM BB1001921//Homo sapiens chromosome 17, clone hCIT.123_J_14, complete sequence.//3.4e-07:803:58//AC003950
- F-HEM BB1001922//Plasmodium falciparum chromosome 2, section 28 of 73 of the complete sequence.//5.0e-06:756:56//AE001391
- 10 F-HEM BB1001925//Human DNA sequence from PAC 212P9 on chromosome 1p34.1-1p35. Contains delta opiate receptor, CpG island, CA repeat.//3.1e-45:609:73//AL009181
- F-HEM BB1001930//Homo sapiens genomic DNA of 8p21.3-p22 anti-oncogene of hepatocellular colorectal and non-small cell lung cancer, segment 10/11.//3.2e-158:745:99//AB020867
- F-HEM BB1001944//, complete sequence.//4.1e-60:638:73//AC005815
- 15 F-HEM BB1001945//HS_3185_B1_G05_MR CIT Approved Human Genomic Sperm Library D Homo sapiens genomic clone Plate=3185 Col=9 Row=N, genomic survey sequence.//1.0:280:58//AQ188882
- F-HEM BB1001947//Human mRNA for KIAA0392 gene, partial cds.//5.6e-20:333:66//AB002390
- F-HEM BB1001950//Human lipocortin (LIP) 2 gene, upstream region.//0.0094:180:63//M62899
- F-HEM BB1001952//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 101A4, WORKING DRAFT SEQUENCE.//5.4e-19:329:70//Z93341
- 20 F-HEM BB1001953//Homo sapiens chromosome 17, clone hRPK.795_F_17, complete sequence.//0.11:589:58//AC005284
- F-HEM BB1001957//Human DNA sequence from PAC 204E5 on chromosome 12. Contains exon similar to Wilms' Tumour-related protein QM-like P2X-like receptor, ATP ligand gated ion channel, ESTs, CpG island.//9.8e-25:446:67//Z98941
- 25 F-HEM BB1001962//Homo sapiens chromosome 16, BAC clone 462G18 (LANL), complete sequence.//2.8e-147:727:97//AC005736
- F-HEM BB1001967//Homo sapiens clone DJ1102A12, WORKING DRAFT SEQUENCE, 15 unordered pieces.//3.2e-56:650:71//AC004963
- 30 F-HEM BB1001973//Homo sapiens chromosome 12p13.3-clone RPC111-350L7, WORKING DRAFT SEQUENCE, 72 unordered pieces.//1.2e-42:327:84//AC005844
- F-HEM BB1001983//CIT-HSP-2315M4.TF CIT-HSP Homo sapiens genomic clone 2315M4, genomic survey sequence.//8.8e-35:198:96//AQ028071
- F-HEM BB1001988//D.polychroa microsatellite sequence (clone Dp.1C.e12).//4.5e-07:337:62//X92189
- 35 F-HEM BB1001990//HS_3234_A1_G08_T7 CIT Approved Human Genomic Sperm Library D Homo sapiens genomic clone Plate=3234 Col=15 Row=M, genomic survey sequence.//0.039:279:59//AQ204689
- F-HEM BB1001996//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 191J18, WORKING DRAFT SEQUENCE.//0.18:392:58//AL024507
- F-HEM BB1001997//Homo sapiens clone RG140B11, WORKING DRAFT SEQUENCE, 1 unordered pieces.//1.3e-43:446:71//AC005069
- 40 F-HEM BB1002002//Plasmodium falciparum 3D7 chromosome 12 PFYAC812 genomic sequence, WORKING DRAFT SEQUENCE, 8 unordered pieces.//0.077:444:58//AC004153
- F-HEM BB1002005//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 963K23, WORKING DRAFT SEQUENCE.//3.4e-16:173:78//AL031685
- 45 F-HEM BB1002009//Plasmodium falciparum 3D7 chromosome 12 PFYAC357 genomic sequence, WORKING DRAFT SEQUENCE, 7 unordered pieces.//0.00033:790:56//AC005506
- F-HEM BB1002015//Homo sapiens genomic DNA, chromosome 21q11.1, segment 27/28, WORKING DRAFT SEQUENCE.//6.7e-05:126:76//AP000056
- F-HEM BB1002042//Oncorhynchus mykiss cytochrome P450 (CYP4V1) mRNA, partial cds.//6.4e-33:402:69//AF046012
- 50 F-HEM BB1002043
- F-HEM BB1002044//Homo sapiens chromosome 5p, BAC clone 50g21 (LBNL H154), complete sequence.//3.0e-167:809:97//AC005740
- F-HEM BB1002045
- 55 F-HEM BB1002049//Homo sapiens chromosome 17, clone hRPC.161_P_9, complete sequence.//0.87:177:65//AC006237
- F-HEM BB1002050//Streptomyces coelicolor cosmid D78.//8.5e-08:644:58//AL034355
- F-HEM BB1002068//Homo sapiens mRNA for KIAA0612 protein, partial cds.//2.5e-05:402:61//AB014512

F-HEMBB1002069
 F-HEMBB1002092/** SEQUENCING IN PROGRESS *** Homo sapiens chromosome 4, BAC clone B33108; HTGS phase 1, WORKING DRAFT SEQUENCE, 10 unordered pieces.//7.8e-104:550:83//AC004064
 F-HEMBB1002094//Homo sapiens genomic DNA, 21q region, clone: 125H6N2, genomic survey sequence.//2.9e-49:302:83//AG001476
 5 F-HEMBB1002115//Homo sapiens chromosome 16, cosmid clone 378E2 (LANL), complete sequence.//0.00023:542:61//AC004035
 F-HEMBB1002134//Human h-neuro-d4 protein mRNA, complete cds.//7.3e-43:533:70//U43843
 F-HEMBB1002139//HS-1048-A2-B02-MR.abi CIT Human Genomic Sperm Library C Homo sapiens genomic clone Plate=CT 831 Col=4 Row=C, genomic survey sequence.//0.055:228:66//B38714
 10 F-HEMBB1002142//Plasmodium falciparum DNA *** SEQUENCING IN PROGRESS *** from MAL1P5, WORKING DRAFT SEQUENCE.//0.0095:276:64//AL031748
 F-HEMBB1002152//Human Chromosome X, WORKING DRAFT SEQUENCE, 4 unordered pieces.//0.055:520:57//AC002421
 15 F-HEMBB1002189//Homo sapiens cosmid ICRFc104I0935Q8 from Xq28; complete sequence.//2.6e-05:311:63//AF002998
 F-HEMBB1002190//Plasmodium falciparum 3D7 chromosome 12 PFYACB8-420 genomic sequence, WORKING DRAFT SEQUENCE, 14 unordered pieces.//5.4e-05:647:59//AC005140
 F-HEMBB1002193//Sequence 5 from patent US 5709858.//1.8e-34:179:100//I80846
 20 F-HEMBB1002217//Homo sapiens mRNA for zinc finger protein 10.//1.2e-23:405:67//X52332
 F-HEMBB1002218//HS_2056_B1_C09_T7 CIT Approved Human Genomic Sperm Library D Homo sapiens genomic clone Plate=2056 Col=17 Row=F, genomic survey sequence.//3.3e-45:245:97//AQ244711
 F-HEMBB1002232//Human chromosome 11 72g7 cosmid, complete sequence.//1.9e-21:314:70//U73648
 F-HEMBB1002247
 25 F-HEMBB1002249//Homo sapiens DNA sequence from BAC 34I8 on chromosome 6p21.3-22.1. Contains ZNF184 gene coding for Kruppel related Zinc Finger protein 184, a hnRNP core protein A1 (mouse Fli-2, rat helix destabilizing protein, mouse Topoisomerase-inhibitor suppressed gene TIS) LIKE pseudogene, a HB15 (CD83 antigen precursor) LIKE pseudogene, Ser-tRNA, Glu-tRNA and Met-tRNA (Met-tRNA-i gene 1) genes. Contains ESTs, STSs and GSSs, complete sequence.//4.1e-45:327:83//AL021918
 30 F-HEMBB1002254//Human chromosome 16 BAC clone LANL cosmid-440E5, WORKING DRAFT SEQUENCE, 2 unordered pieces.//9.8e-40:315:82//AC002506
 F-HEMBB1002255//Plasmodium falciparum MAL3P3, complete sequence.//0.0035:312:62//Z98547
 F-HEMBB1002266//Plasmodium falciparum 3D7 chromosome 12 PFYAC1383 genomic sequence, WORKING DRAFT SEQUENCE, 3 unordered pieces.//0.013:469:59//AC005504
 35 F-HEMBB1002280//Homo sapiens Chromosome 16 BAC clone CIT987SK-A-259H10, complete sequence.//5.3e-18:527:61//AC004682
 F-HEMBB1002300//Human Chromosome 11 Cosmid cSRL30h11, complete sequence.//8.6e-139:818:88//U73642
 F-HEMBB1002306//HS_3109_A2_H01_MR CIT Approved Human Genomic Sperm Library D Homo sapiens genomic clone Plate=3109 Col=2 Row=O, genomic survey sequence.//1.3e-75:371:98//AQ148164
 40 F-HEMBB1002327//HS_3235_B2_G10_T7 CIT Approved Human Genomic Sperm Library D Homo sapiens genomic clone Plate=3235 Col=20 Row=N, genomic survey sequence.//3.3e-83:418:97//AQ209752
 F-HEMBB1002329//CITBI-E1-2503J7.TR CITBI-E1 Homo sapiens genomic clone 2503J7, genomic survey sequence.//3.3e-31:220:88//AQ263402
 45 F-HEMBB1002340
 F-HEMBB1002342//Homo sapiens mRNA for putative thioredoxin-like protein.//4.1e-154:724:98//AJ010841
 F-HEMBB1002358//Human thymidylate kinase (CDC8) mRNA, complete cds.//3.3e-36:192:98//L16991
 F-HEMBB1002359//Human Rev interacting protein Rip-1 mRNA, complete cds.//1.8e-13:96:96//U55766
 F-HEMBB1002364//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 376D21, WORKING DRAFT SEQUENCE.//7.5e-24:202:71//Z98946
 50 F-HEMBB1002371//Plasmodium falciparum 3D7 chromosome 12 PFYAC812 genomic sequence, WORKING DRAFT SEQUENCE, 8 unordered pieces.//1.9e-06:674:56//AC004153
 F-HEMBB1002381//Homo sapiens chromosome 16, cosmid clone RT163 (LANL), complete sequence.//0.34:238:61//AC005222
 55 F-HEMBB1002383
 F-HEMBB1002387//CIT-HSP-2173E20.TR CIT-HSP Homo sapiens genomic clone 2173E20, genomic survey sequence.//5.2e-17:434:66//B91052
 F-HEMBB1002409//Human DNA sequence from PAC 84F12 on chromosome Xq25-Xq26.3. Contains glypican-3

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precursor (intestinal protein OCI-5) (GTR2-2), ESTs and CA repeat.//1.2e-56:324:88//AL008712
 F-HEM BB1002415//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 36411, WORKING
 DRAFT SEQUENCE.//8.9e-35:334:75//AL031319
 5 F-HEM BB1002425//Chromosome 22q13 BAC Clone CIT987SK-384D8 complete sequence.//1.0e-36:317:76//
 U62317
 F-HEM BB1002442//Rattus norvegicus lin-10 protein homolog (lin-10) mRNA, complete cds.//4.3e-88:296:92//
 U92010
 F-HEM BB1002453//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 86D1, WORKING
 DRAFT SEQUENCE.//2.7e-43:419:78//AL034349
 10 F-HEM BB1002457//Homo sapiens clone DJ0982E09, WORKING DRAFT SEQUENCE, 3 unordered pieces.//
 1.3e-27:542:68//AC005534
 F-HEM BB1002458//HS_3246_A2_G05_MR CIT Approved Human Genomic Sperm Library D Homo sapiens ge-
 nomic clone Plate=3246 Col=10 Row=M, genomic survey sequence.//3.2e-51:257:99//AQ217993
 F-HEM BB1002477//Human Grb2-associated binder-1 mRNA, complete cds.//1.9e-87:493:92//J43885
 15 F-HEM BB1002489
 F-HEM BB1002492//Arabidopsis thaliana BAC T15B16.//0.028:516:57//AF104919
 F-HEM BB1002495//Homo sapiens chromosome 17, clone hRPK.421_E_14, complete sequence.//1.1e-16:297:
 68//AC006141
 F-HEM BB1002502//Homo sapiens clone DJ1163L11, complete sequence.//1.1e-91:675:82//AC005230
 20 F-HEM BB1002509//Homo sapiens Chromosome 16 BAC clone CIT987SK-A-248F7, complete sequence.//2.7e-
 11:648:60//AC004605
 F-HEM BB1002510//HS_3236_B1_H11_MR CIT Approved Human Genomic Sperm Library D Homo sapiens ge-
 nomic clone Plate=3236 Col=21 Row=P, genomic survey sequence.//1.2e-06:67:94//AQ205992
 F-HEM BB1002520//Homo sapiens BAC clone NH0004N07, from Y, complete sequence.//1.2e-70:580:72//
 25 AC006152
 F-HEM BB1002522//Homo sapiens Xp22 bin 150 clone GSHB-223P11 (Genome Systems Human BAC library)
 complete sequence.//5.6e-22:516:64//AC004553 F-HEM BB1002531
 F-HEM BB1002534//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 668J24, WORKING
 DRAFT SEQUENCE.//6.9e-62:265:87//AL034346
 30 F-HEM BB1002545//Human BAC clone RG128M16 from 7q21-7q22, complete sequence.//2.7e-44:200:82//
 AC000059
 F-HEM BB1002550//Homo sapiens PAC clone DJ0910117 from 7q11.21-q11.23, complete sequence.//0.22:161:
 68//AC004927
 F-HEM BB1002556//Homo sapiens PAC clone DJ0696N01 from 7p21-p22, complete sequence.//7.5e-43:306:77//
 35 AC004861
 F-HEM BB1002579
 F-HEM BB1002582//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 349A12, WORKING
 DRAFT SEQUENCE.//0.00018:431:61//AL033520
 F-HEM BB1002590//Yeast (S.cerevisiae) mitochondrial apocytochrome b gene, 3' flank.//0.78:147:64//J01471
 40 F-HEM BB1002596//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 9E21, WORKING
 DRAFT SEQUENCE.//3.6e-50:692:69//AL008639
 F-HEM BB1002600//Homo sapiens tetraspan NET-5 mRNA, complete cds.//9.1e-151:710:98//AF089749
 F-HEM BB1002601//Human BAC clone RG020D02 from 7q22, complete sequence.//1.5e-07:416:60//AC002381
 F-HEM BB1002603//Human BAC clone GS552A01 from 7q21-q22, complete sequence.//0.40:341:60//AC002454
 45 F-HEM BB1002607//Mus musculus homeobox containing nuclear-transcriptional factor Hmx1 (Hmx1) gene, com-
 plete cds.//0.0042:460:60//AF009614
 F-HEM BB1002610//Homo sapiens Chromosome 12q24 PAC RPC13-462E2 (Roswell Park Cancer Institute Human
 PAC library) complete sequence.//6.3e-23:559:63//AC003029
 F-HEM BB1002613//Homo sapiens Chromosome 22q12 BAC Clone 566c1, complete sequence.//4.2e-17:441:63//
 50 AC000025
 F-HEM BB1002614//Plasmodium falciparum chromosome 2, section 54 of 73 of the complete sequence.//0.013:
 324:56//AE001417
 F-HEM BB1002617//Homo sapiens chromosome 16 BAC clone CIT987SK-334D11 complete sequence.//2.1e-07:
 441:60//AF001550
 55 F-HEM BB1002623//C.hyalina microsatellite marker DNA (id ATCC4).//0.57:106:66//Z95304
 F-HEM BB1002635//Human JNK3 alpha2 protein kinase (JNK3A2) mRNA, complete cds.//4.8e-22:127:100//
 U34819
 F-HEM BB1002664//HS_2265_A1_H06_MF CIT Approved Human Genomic Sperm Library D Homo sapiens ge-

- nomic clone Plate=2265 Col=11 Row=O, genomic survey sequence.//0.54:115:67//AQ101557
 F-HEMBB1002677//Homo sapiens (subclone 3_d1 from P1 H25) DNA sequence, complete sequence.//2.2e-49:
 784:68//L81774
 F-HEMBB1002683//Homo sapiens type IV collagen 5a chain (COL4A5) gene, exon 23.//1.0:112:63//U04492
 5 F-HEMBB1002684//HS-1050-A2-G06-MF.abi CIT Human Genomic Sperm Library C Homo sapiens genomic clone
 Plate=CT 772 Col=12 Row=M, genomic survey sequence.//4.4e-07:86:84//B39748
 F-HEMBB1002686//HS-1023-B2-F10-MR.abi CIT Human Genomic Sperm Library C Homo sapiens genomic clone
 Plate=CT 802 Col=20 Row=L, genomic survey sequence.//0.98:183:61//B34077
 F-HEMBB1002692//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 1108H3, WORKING
 10 DRAFT SEQUENCE.//0.00039:408:60//AL033525
 F-HEMBB1002697//Homo sapiens clone DJ1087M19, WORKING DRAFT SEQUENCE, 7 unordered pieces.//
 7.3e-35:323:74//AC004955
 F-HEMBB1002699//Mus musculus D6MM5e protein (D6Mm5e) and DOK protein (Dok) genes, complete cds; and
 LOR2 protein (Lor2) gene, partial cds.//0.031:325:62//AF084363
 15 F-HEMBB1002702//HS-1025-A2-D01-MR.abi CIT Human Genomic Sperm Library C Homo sapiens genomic
 clone Plate=CT 804 Col=2 Row=G, genomic survey sequence.//1.8e-25:158:95//B34720
 F-HEMBB1002705//Homo sapiens DNA, chromosome 21q22.2, PAC clone 25P16 complete sequence, encoding
 carbonyl reductase and carbonyl reductase 3 (complete cds).//1.7e-137:534:96//AB003151
 F-HEMBB1002712//Human DNA sequence from cosmid cU115G11, between markers DXS6791 and DXS8038
 20 on chromosome X contains ESTs and STS.//0.0019:612:58//Z71187
 F-MAMMA1000009//Human chromosome 1 BAC 308G1 genomic sequence, WORKING DRAFT SEQUENCE, 3
 unordered pieces.//6.1e-43:354:81//AC003117
 F-MAMMA1000019
 F-MAMMA1000020//H.sapiens mRNA for flavin-containing monooxygenase 5 (FMO5).//2.0e-40:185:97//Z47553
 25 F-MAMMA1000025//Homo sapiens PAC clone DJ0806A17 from 7p13-p14, complete sequence.//1.0:211:65//
 AC005483
 F-MAMMA1000043//Human angiotensin I-converting enzyme (ACE) gene, intron 12.//0.075:204:65//M73275
 F-MAMMA1000045//Human DNA sequence from clone 142F18 on chromosome Xq26.3-27.2 Contains part of a
 gene similar to melanoma-associated antigen, EST, GSS and an inverted repeat, complete sequence.//4.1e-122:
 30 495:79//AL031073
 F-MAMMA1000055//M.musculus mRNA for testin.//2.1e-35:559:66//X78989
 F-MAMMA1000057//Homo sapiens chromosome 17, clone hRPK.259_G_18, complete sequence.//5.5e-121:703:
 89//AC005829
 F-MAMMA1000069//Homo sapiens minisatellite ceb1 repeat region.//0.00013:329:60//AF048727
 35 F-MAMMA1000084//Homo sapiens DNA sequence from PAC 958B3 on chromosome Xp22.11-Xp22.22. Contains
 ESTs STS and CpG island.//2.1e-53:445:79//Z93023
 F-MAMMA1000085//Caenorhabditis elegans cosmid Y23H5A.//0.0017:164:64//AF077541
 F-MAMMA1000092//Homo sapiens BAC clone GS465N13 from 7p15-p21, complete sequence.//1.2e-70:598:78//
 AC004744
 40 F-MAMMA1000103//Homo sapiens chromosome 17, clone hCIT.91_J_4, complete sequence.//1.1e-156:857:92//
 AC003976
 F-MAMMA1000117//HS_3223_B2_D08_T7 CIT Approved Human Genomic Sperm Library D Homo sapiens ge-
 nomic clone Plate=3223 Col=16 Row=H, genomic survey sequence.//5.4e-100:527:94//AQ221160
 F-MAMMA1000129//ryanodine receptor.//0.055:492:59//A20359
 45 F-MAMMA1000133
 F-MAMMA1000134//HS_3078_B1_C02_MF CIT Approved Human Genomic Sperm Library D Homo sapiens ge-
 nomic clone Plate=3078 Col=3 Row=F, genomic survey sequence.//2.1e-93:462:97//AQ144362
 F-MAMMA1000139//Homo sapiens Xp22 PAC RPC11-5G11 (from Roswell Park Cancer Center) complete se-
 quence.//3.3e-14:322:65//AC002369
 50 F-MAMMA1000143//Homo sapiens mRNA for KIAA0685 protein, complete cds.//6.9e-25:148:97//AB014585
 F-MAMMA1000155//Homo sapiens homeobox transcription factor barx2 (BARX2) mRNA, complete cds.//1.0e-29:
 219:87//AF031924
 F-MAMMA1000163
 F-MAMMA1000171//Homo sapiens chromosome 19, CIT-HSP BAC 470n8, complete sequence.//6.3e-14:92:88//
 55 AC005393
 F-MAMMA1000173//Mus musculus SH3-containing protein SH3P7 mRNA, complete cds. similar to Human
 Drebrin.//2.2e-114:698:87//U58884
 F-MAMMA1000175//HS_3050_B1_B03_MF CIT Approved Human Genomic Sperm Library D Homo sapiens ge-

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nomic clone Plate=3050 Col=5 Row=D, genomic survey sequence //6.2e-73:357:99//AQ102678
 F-MAMMA1000183//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone Y313F4, WORKING
 DRAFT SEQUENCE //4.6e-94:904:73//AL023808
 5 F-MAMMA1000198//Z.diploperennis repetitive DNA (clone ZEAR 266) //0.18:152:70//X53610
 F-MAMMA1000221//Human Chromosome 15q11-q13 PAC clone pDJ778a2, complete sequence //0.017:99:75//
 AC004583
 F-MAMMA1000227//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 467K16, WORKING
 DRAFT SEQUENCE //0.36:312:62//AL031283
 10 F-MAMMA1000241//HS_3217_B1_B02_MR CIT Approved Human Genomic Sperm Library D Homo sapiens ge-
 nomic clone Plate=3217 Col=3 Row=D, genomic survey sequence //1.9e-94:456:98//AQ193401
 F-MAMMA1000251//Homo sapiens NF2 gene //0.00092:270:64//Y18000
 F-MAMMA1000254//Plasmodium falciparum 3D7 chromosome 12 PFYACB8-420 genomic sequence, WORKING
 DRAFT SEQUENCE, 14 unordered pieces //0.0034:777:57//AC005140
 15 F-MAMMA1000257//Homo sapiens DNA sequence from PAC 201D7 on chromosome 6p22.1-22.3. Contains EST
 and STS //0.00036:230:65//AL022717
 F-MAMMA1000264//Homo sapiens (subclone 9_f5 from P1 H17) DNA sequence, complete sequence //1.5e-30:
 499:68//L81612
 F-MAMMA1000266//Bacillus lyncceorum strain pMEL12 Bag320.satellite DNA //0.28:218:64//AF034430
 20 F-MAMMA1000270//Human Chromosome 16 BAC clone CIT987SK-A-270G1, complete sequence //1.4e-157:
 788:96//AF001549
 F-MAMMA1000277//Mycobacterium tuberculosis H37Rv complete genome; segment 48/162 //0.70:320:61//
 AL021897
 F-MAMMA1000278//Sequence 23 from patent US 5708157 //9.3e-103:540:95//I80055
 F-MAMMA1000279//Human DNA sequence from clone 769D20 on chromosome Xp21.1-21.3 Contains EST, STS,
 25 GSS, complete sequence //2.4e-49:262:77//AL031643
 F-MAMMA1000284//cSRL-165E12-u cSRL flow sorted Chromosome 11 specific cosmid Homo sapiens genomic
 clone cSRL-165E12, genomic survey sequence //1.1e-30:324:75//B03004
 F-MAMMA1000287//Homo sapiens, clone hRPK.15_A_1, complete sequence //2.7e-54:401:83//AC006213
 F-MAMMA1000302//Drosophila melanogaster complete mitochondrial genome //0.0051:307:61//U37541
 30 F-MAMMA1000307//Homo sapiens chromosome 12p13.3 clone RPC15-1154L15, WORKING DRAFT SE-
 QUENCE, 67 unordered pieces //0.15:449:59//AC006205
 F-MAMMA1000309//cDNA coding human apolipoprotein E3 //0.00010:691:58//E00359
 F-MAMMA1000312//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 798A17, WORKING
 DRAFT SEQUENCE //0.27:301:60//AL031274
 35 F-MAMMA1000313
 F-MAMMA1000331//Human Chromosome 16 BAC clone CIT987SK-A-735G6, complete sequence //9.8e-06:151:
 71//AC002400
 F-MAMMA1000339
 F-MAMMA1000340//HS_2181_B2_F07_MR CIT Approved Human Genomic Sperm Library D Homo sapiens ge-
 40 nomic clone Plate=2181 Col=14 Row=L, genomic survey sequence //4.3e-05:181:68//AQ024288
 F-MAMMA1000348//Homo sapiens chromosome 17, clone HRP0843B9, complete sequence //5.3e-30:575:66//
 AC004139
 F-MAMMA1000356//Homo sapiens clone RG038K21, WORKING DRAFT SEQUENCE, 3 unordered pieces //1.8e-52:264:76//AC005052
 45 F-MAMMA1000360//Homo sapiens PAC clone DJ0755G17 from 7p21-p22, complete sequence //6.5e-91:569:88//
 AC004879
 F-MAMMA1000361//Human DNA sequence from PAC 507115 on chromosome Xq26.3-27.3. Contains 60S ribos-
 omal protein L44 (L41, L36) like gene, ESTs, STSs and a polymorphic CA repeat //1.4e-42:315:83//Z98950
 F-MAMMA1000372//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone Y738F9, WORKING
 50 DRAFT SEQUENCE //2.9e-114:516:89//AL022345
 F-MAMMA1000385//CITBI-E1-2517E13.TF CITBI-E1 Homo sapiens genomic clone 2517E13, genomic survey
 sequence //6.9e-26:377:71//AQ279944
 F-MAMMA1000388//Homo sapiens UKLF mRNA for ubiquitous Kruppel like factor, complete cds //3.7e-148:710:
 98//AB015132
 55 F-MAMMA1000395
 F-MAMMA1000402//Homo sapiens clone DJ0718N17, complete sequence //4.0e-115:845:85//AC005999
 F-MAMMA1000410//HS_3245_A1_C02_MR CIT Approved Human Genomic Sperm Library D Homo sapiens ge-
 nomic clone Plate=3245 Col=3 Row=E, genomic survey sequence //9.6e-42:350:80//AQ205768

- F-MAMMA1000413//HS_3223_B2_F01_MR CIT Approved Human Genomic Sperm Library D Homo sapiens genomic clone Plate=3223 Col=2 Row=L, genomic survey sequence.//1.6e-48:318:89//AQ188456
- F-MAMMA1000414//HS_2027_B2_C04_MR CIT Approved Human Genomic Sperm Library D Homo sapiens genomic clone Plate=2027 Col=8 Row=F, genomic survey sequence.//1.4e-46:286:92//AQ231369
- 5 F-MAMMA1000416//Drosophila melanogaster DNA sequence (P1s DS07528 (D169) and DS06665 (D220)), complete sequence.//9.4e-33:310:72//AC004640
- F-MAMMA1000421//Homo sapiens clone DJ1129D05, complete sequence.//3.3e-29:223:84//AC005630
- F-MAMMA1000422
- F-MAMMA1000423//Drosophila yakuba mitochondrial DNA molecule.//2.2e-10:639:57//X03240
- 10 F-MAMMA1000424//Homo sapiens DNA from chromosome 19, BAC 33152, complete sequence.//4.6e-47:556:68//AC003973
- F-MAMMA1000429//Mus musculus SDP8 mRNA, complete cds.//8.0e-99:545:92//AF062484
- F-MAMMA1000431//Homo sapiens clone DJ1039L24, WORKING DRAFT SEQUENCE, 3 unordered pieces.//4.8e-41:289:79//AC005283
- 15 F-MAMMA1000444//Human DNA sequence from clone 714B7 on chromosome 22q12.2-13.2 Contains CYTOCHROME C OXIDASE VIIB precursor like pseudogene and ESTs, complete sequence.//2.3e-34:291:80//Z99755
- F-MAMMA1000446
- F-MAMMA1000458//Mus musculus clone OST9003, genomic survey sequence.//5.0e-53:231:84//AF046620
- F-MAMMA1000468//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 291J10, WORKING DRAFT SEQUENCE.//0.75:303:60//Z93017
- 20 F-MAMMA1000472//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 414D7, WORKING DRAFT SEQUENCE.//4.0e-41:403:77//AL033543
- F-MAMMA1000478//Homo sapiens clone RG270D13, WORKING DRAFT SEQUENCE, 18 unordered pieces.//9.5e-54:369:77//AC005081
- 25 F-MAMMA1000483//Homo sapiens Chromosome 16 BAC clone CIT987SK-44M2, complete sequence.//3.6e-34:332:77//AC004381
- F-MAMMA1000490//Homo sapiens 12q13.1 PAC RPCI1-90J4 (Roswell Park Cancer Institute Human PAC library) complete sequence.//8.9e-128:822:87//AC003686
- F-MAMMA1000500//CIT-HSP-231905.TF CIT-HSP Homo sapiens genomic clone 231905, genomic survey sequence.//4.8e-29:175:94//AQ044812
- 30 F-MAMMA1000501//Homo sapiens DNA sequence from clone 78F24 on chromosome 22q12.1-12.3. Contains one exon of an Oxysterol-binding protein (OSBP) LIKE gene. Contains GSSs and an STS, complete sequence.//5.7e-45:334:82//AL022336
- F-MAMMA1000516//Human DNA sequence from PAC 50A13 on chromosome Xp11. Contains ATP SYNTHASE LIPID BINDING PROTEIN P1 (P2, P3) precursor (ATPSG1, ATP5G2, ATP5G3) like pseudogene, ESTs and STSs. Contains polymorphic CA repeat.//2.9e-43:529:69//Z92545
- 35 F-MAMMA1000522//Human DNA sequence from clone 20J23 on chromosome Xq26.2-27.2 Contains ras-related C3 botulinum toxin substrate 1 (P21-RAC1) (ras-like protein TC25) EST, CA repeat, STS, CpG island, complete sequence.//2.0e-14:380:63//AL022576
- 40 F-MAMMA1000524//Homo sapiens chromosome 10 clone CIT-HSP-1338F24 map 10p11.2-10p12.1, complete sequence.//1.4e-22:420:66//AC006101
- F-MAMMA1000559//Human HepG2 3' region cDNA, clone hmd3f08.//5.4e-29:168:97//D16922
- F-MAMMA1000565//RPCI11-61K6.TJ RPCI11 Homo sapiens genomic clone R-61K6, genomic survey sequence.//1.7e-120:561:100//AQ194238
- 45 F-MAMMA1000567//Human DNA sequence from PAC 179D3, between markers DXS6791 and DXS8038 on chromosome X contains S10 GTP-binding protein, ESTs and CpG island.//3.1e-43:387:80//Z81370
- F-MAMMA1000576//Homo sapiens BAC clone RG442F18 from 2, complete sequence.//1.2e-30:237:75//AC005104
- F-MAMMA1000583//RPCI11-60M22.TJ RPCI11 Homo sapiens genomic clone R-60M22, genomic survey sequence.//9.6e-102:487:99//AQ198091
- 50 F-MAMMA1000585//Homo sapiens clone UWGC:djs14 from 7p14-15, complete sequence.//5.2e-39:370:78//AC006195
- F-MAMMA1000594//Homo sapiens chromosome 19, cosmid R31646, complete sequence.//3.9e-43:328:83//AC005338
- 55 F-MAMMA1000597//Homo sapiens chromosome 17, clone hRPK 481_C_4, complete sequence.//1.5e-32:259:82//AC005839
- F-MAMMA1000605//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 97P20, WORKING DRAFT SEQUENCE.//2.4e-59:318:83//AL031297

F-MAMMA1000612//HS_2188_A2_D02_MF CIT Approved Human Genomic Sperm Library D Homo sapiens ge-
 nomic clone Plate=2188 Col=4 Row=G, genomic survey sequence.//4.8e-30:171:96//AQ116793
 F-MAMMA1000616//HS_3176_A1_E06_T7 CIT Approved Human Genomic Sperm Library D Homo sapiens ge-
 nomic clone Plate=3176 Col=11 Row=I, genomic survey sequence.//4.7e-28:287:79//AQ300310
 5 F-MAMMA1000621//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 273F20, WORKING
 DRAFT SEQUENCE.//0.015:478:58//AL034371
 F-MAMMA1000623
 F-MAMMA1000625//DNA encoding Hepatitis C virus antigen.//0.93:196:61//E06898
 F-MAMMA1000643//Homo sapiens nephrocytin (NPHP1) mRNA, partial cds.//0.95:365:59//AF023674
 10 F-MAMMA1000664//HS_3096_B1_C02_MR CIT Approved Human Genomic Sperm Library D Homo sapiens ge-
 nomic clone Plate=3096 Col=3 Row=F, genomic survey sequence.//2.7e-51:257:99//AQ145137
 F-MAMMA1000669//Homo sapiens chromosome 19, cosmid R26908, complete sequence.//2.0e-66:586:67//
 AC004785
 F-MAMMA1000670//HS_2243_B2_A08_MR CIT Approved Human Genomic Sperm Library D Homo sapiens ge-
 nomic clone Plate=2243 Col=16 Row=B, genomic survey sequence.//8.7e-05:94:80//AQ153650
 15 F-MAMMA1000672//Mus musculus clone OST8270, genomic survey sequence.//3.9e-64:471:81//AF046705
 F-MAMMA1000684//Suid herpesvirus 1 Rsp40 mRNA, partial cds.//1.2e-07:186:67//U27489
 F-MAMMA1000696//Human oligodendrocyte myelin glycoprotein (OMG) exons 1-2; neurofibromatosis 1 (NF1)
 exons 28-49; ecotropic viral integration site 2B (EVI2B) exons 1-2; ecotropic viral integration site 2A (EVI2A) exons
 1-2; adenylate kinase (AK3) exons 1-2.//3.0e-53:653:70//L05367
 20 F-MAMMA1000707//CIT-HSP-2302019.TR CIT-HSP Homo sapiens genomic clone 2302019, genomic survey se-
 quence.//1.8e-08:131:77//AQ017947
 F-MAMMA1000713//Rattus norvegicus clonol polymeric immunoglobulin receptor mRNA 3' untranslated region,
 GA rich region, and microsatellites with GGA-triplet and GAA-triplet repeats.//0.062:134:67//U00762
 25 F-MAMMA1000714//Chicken hsp90 gene for 90 kDa-heat shock protein 5'-end.//1.0:266:61//X15028
 F-MAMMA1000718//CIT-HSP-2171B10.TF CIT-HSP Homo sapiens genomic clone 2171B10, genomic survey se-
 quence.//3.6e-05:289:60//B95401
 F-MAMMA1000720//Homo sapiens chromosome 19, cosmid R33632, complete sequence.//4.4e-184:842:98//
 AC005781
 30 F-MAMMA1000723//Homo sapiens clone DJ0892G19, complete sequence.//8.8e-05:430:60//AC004917
 F-MAMMA1000731//Drosophila melanogaster DNA sequence (P1 DS07049 (D133)), complete sequence.//3.8e-
 55:796:66//AC004274
 F-MAMMA1000732//Homo sapiens chromosome 21q22.3 PAC 141B3, complete sequence, containing ribosomal
 protein homologue pseudogene L23a.//6.6e-77:555:74//AF064859
 35 F-MAMMA1000733//Plasmodium falciparum DNA *** SEQUENCING IN PROGRESS *** from MAL1P6, WORK-
 ING DRAFT SEQUENCE.//0.98:479:58//AL031749
 F-MAMMA1000734//Homo sapiens SEC63 (SEC63) mRNA, complete cds.//7.3e-168:802:98//AF100141
 F-MAMMA1000738//S.cerevisiae chromosome XIV reading frame ORF YNL132w.//8.6e-31:626:63//Z71408
 F-MAMMA1000744//Gorilla Alu-repetitive sequence in beta-globin gene cluster.//2.7e-54:410:82//X06123
 40 F-MAMMA1000746//Homo sapiens Chromosome 16 BAC clone Cit987SK-A-10F4, complete sequence.//3.7e-
 109:779:83//AC004158
 F-MAMMA1000752//Homo sapiens clone RG219E16, WORKING DRAFT SEQUENCE, 3 unordered pieces.//
 1.2e-20:444:63//AC005075
 F-MAMMA1000760//Homo sapiens clone RG015P03, complete sequence.//1.5e-44:403:79//AC005048
 45 F-MAMMA1000761//Homo sapiens Chromosome 7 BAC Clone 239c10, WORKING DRAFT SEQUENCE, 9 un-
 ordered pieces.//2.3e-22:159:81//AC004166
 F-MAMMA1000775//Homo sapiens chromosome 17, clone hRPK.849_N_15, complete sequence.//1.3e-51:789:
 68//AC005703
 F-MAMMA1000776//Human DNA sequence from BAC 57G9 on chromosome 22q12.1 Contains ESTs, CA repeat,
 GSS.//5.7e-40:238:78//Z95116
 50 F-MAMMA1000778//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 153G14, WORKING
 DRAFT SEQUENCE.//7.6e-29:222:84//AL031118
 F-MAMMA1000782//Human 2,4-dienoyl-CoA reductase gene, exon 9.//0.90:137:62//U94987
 F-MAMMA1000798//*** SEQUENCING IN PROGRESS *** EPM1/APECED region of chromosome 21, clones
 A68E8, B127P21, B173L3, B23N8, C1242C9, C579E2, A70B6, B159G9, B175D10, B52C10, C124G1 Note: Se-
 quencing in this region has been discontinued by the Stanford Human Genome Center, WORKING DRAFT SE-
 55 QUENCE, 50 unordered pieces.//0.00058:163:71//AC003656
 F-MAMMA1000802//Homo sapiens chromosome 19, cosmid R33729, complete sequence.//6.3e-151:714:99//

AC005339

F-MAMMA1000824//Homo sapiens 12p13.3 BAC RPC111-543P15 (Roswell Park Cancer Institute Human BAC Library) complete sequence.//4.2e-104:503:99//AC005912

F-MAMMA1000831//Homo sapiens clone UWGC:g1211a139, complete sequence.//0.76:302:58//AC005502

F-MAMMA1000839//Human BAC clone RG013L03 from 7q21, complete sequence.//1.9e-54:322:68//AC002456

F-MAMMA1000841//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 968D22, WORKING DRAFT SEQUENCE.//6.7e-140:647:92//AL023755

F-MAMMA1000842//, complete sequence.//0.0068:499:59//AC005817

F-MAMMA1000843//Plasmodium falciparum 3D7 chromosome 12 PFYAC588 genomic sequence, WORKING DRAFT SEQUENCE, 2 unordered pieces.//0.13:439:59//AC004710

F-MAMMA1000845//Plasmodium falciparum DNA *** SEQUENCING IN PROGRESS *** from MAL4P1, WORKING DRAFT SEQUENCE.//2.2e-05:208:64//AL034557

F-MAMMA1000851//Gallus domesticus filamin gene 5' region, partial cds.//0.86:193:63//U00146

F-MAMMA1000855//Human minisatellite region detected by myoglobin 33-repeat probe, clone lambda 33.10.//0.081:229:62//M30549

F-MAMMA1000856//B.taurus microsatellite marker ETH8 (D6S3) DNA.//0.0024:253:60//Z22747

F-MAMMA1000859//Sequence 6 from Patent WO9722695.//2.3e-79:533:82//A63553

F-MAMMA1000862

F-MAMMA1000863//Homo sapiens genomic DNA, chromosome 21q11.1, segment 21/28, WORKING DRAFT SEQUENCE.//1.0e-28:439:64//AP000050

F-MAMMA1000865

F-MAMMA1000867//CIT-HSP-2385J8.TR.1 CIT-HSP Homo sapiens genomic clone 2385J8, genomic survey sequence.//0.00017:158:70//AQ240906

F-MAMMA1000875//Homo sapiens DNA sequence from PAC 232G24 on chromosome Xq27.1-q27.3. Contains two exons similar to MAGE gene family, EST, CA repeat, STS, complete sequence.//1.0:121:68//AL022152

F-MAMMA1000876//Homo sapiens clone HS19.6 Alu-Ya5 sequence.//8.4e-41:185:90//AF015152

F-MAMMA1000877//Homo sapiens DNA sequence from clone 78F24 on chromosome 22q12.1-12.3. Contains one exon of an Oxysterol-binding protein (OSBP) LIKE gene. Contains GSSs and an STS, complete sequence.//8.3e-57:522:75//AL022336

F-MAMMA1000880//Homo sapiens full-length insert cDNA clone ZD54A10.//5.2e-26:143:100//AF086327

F-MAMMA1000883//Human DNA sequence from clone 786D3 on chromosome 22q13.31-33 Contains GSS, complete sequence.//0.99:225:63//AL023801

F-MAMMA1000897//R.norvegicus mRNA for plasma protein.//4.8e-07:479:58//Y11283

F-MAMMA1000905//F26L5TRB IGF Arabidopsis thaliana genomic clone F26L5, genomic survey sequence.//0.94:115:66//B61433

F-MAMMA1000906//HS_3110_B2_A11_MR CIT Approved Human Genomic Sperm Library D Homo sapiens genomic clone Plate=3110 Col=22 Row=B, genomic survey sequence.//2.5e-63:548:78//AQ182819

F-MAMMA1000908//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 27K12, WORKING DRAFT SEQUENCE.//5.2e-80:480:90//AL033397

F-MAMMA1000914//Plasmodium falciparum MAL3P8, complete sequence.//7.6e-09:596:58//AL034560

F-MAMMA1000921//CIT-HSP-2171D8.TR CIT-HSP Homo sapiens genomic clone 2171D8, genomic survey sequence.//6.6e-07:249:66//889575

F-MAMMA1000931//Homo sapiens clone DJ0892G19, complete sequence.//2.9e-43:415:66//AC004917

F-MAMMA1000940//HS-1056-A2-E02-MF.abi CIT Human Genomic Sperm Library C Homo sapiens genomic clone Plate=CT 778 Col=4 Row=I, genomic survey sequence.//6.1e-44:235:78//B47296

F-MAMMA1000941//Homo sapiens Chromosome 16 BAC clone CIT987-SKA-113A6 complete genomic sequence, complete sequence.//9.4e-48:443:75//AC002299

F-MAMMA1000942//Human DNA sequence from clone 914P14 on chromosome Xq23 Contains calpain-like protease gene, DCX (doublecortin) ESTs, CA repeat, GSS, complete sequence.//1.8e-14:175:76//AL031117

F-MAMMA1000943//Plasmodium falciparum 3D7 chromosome 12 PFYAC492 genomic sequence, WORKING DRAFT SEQUENCE, 5 unordered pieces.//0.0082:684:56//AC005308

F-MAMMA1000956//Homo sapiens chromosome 16, cosmid clone 363E3 (LANL), complete sequence.//3.3e-30:530:67//AC004643

F-MAMMA1000957//HS_3039_A2_C08_MF CIT Approved Human Genomic Sperm Library D Homo sapiens genomic clone Plate=3039 Col=16 Row=E, genomic survey sequence.//1.3e-72:390:94//AQ155121

F-MAMMA1000962//Homo sapiens clone DJ0756H11, WORKING DRAFT SEQUENCE, 5 unordered pieces.//1.8e-58:318:86//AC006001

F-MAMMA1000968//Homo sapiens DNA sequence from clone 511B24 on chromosome 20q11.2-12. Contains the

TOP1 gene for Topoisomerase I, the PLCG1 gene for 1-Phosphatidylinositol-4,5-Bisphosphate Phosphodiesterase Gamma 1 (EC 3.1.4.11, PLC-Gamma-1, Phospholipase C-Gamma-1, PLC-II, PLC-148), the KIAA0395 gene for a probable Zinc Finger Homeobox protein and a 60S Ribosomal Protein L23 LIKE pseudogene. Contains a predicted CpG island, ESTs, STSs and GSSs, complete sequence.//1.4e-18:396:65//AL022394

5 F-MAMMA1000975//Human DNA sequence from clone 34417 on chromosome Xp11.21-11.3. Contains a Keratin, Type II Cytoskeletal 8 (Cytokeratin 8, CYK8, KRT8) pseudogene, ESTs and a GSS, complete sequence.//1.4e-79:690:77//AL024458

F-MAMMA1000979//Homo sapiens PAC clone DJ1186C01 from 7q21.2-q31.1, complete sequence.//0.089:214:66//AC004991

10 F-MAMMA1000987//Human PAC clone DJ527C21 from Xq23, complete sequence.//1.1e-58:458:82//AC000114

F-MAMMA1000998//Human DNA sequence from PAC 997K18 on chromosome 20p12. Contains ESTs and CA repeat.//1.1e-05:439:62//AL021406

15 F-MAMMA1001003//Homo sapiens DNA sequence from PAC 93L7 on chromosome Xq21. Contains part of the CHM (TCD, REP1) gene coding for RAB Escort protein 1 (REP-1, RAB proteins geranylgeranyltransferase component A 1, Choroideraemia protein, Tapetochochoidal Dystrophy (TCD) protein). Contains ESTs and an STS, complete sequence.//0.24:166:68//AL022401

F-MAMMA1001008//Homo sapiens *** SEQUENCING IN PROGRESS *** WORKING DRAFT SEQUENCE.//1.6e-103:139:99//AJ011929

20 F-MAMMA1001021//Homo sapiens clone 24544 beta-dystrobrevin mRNA, partial cds.//6.5e-48:465:76//AF070567

F-MAMMA1001024//CITBI-E1-2501L21.TF.1 CITBI-E1 Homo sapiens genomic clone 2501L21, genomic survey sequence.//1.0:175:62//AQ241701

F-MAMMA1001030//Homo sapiens G protein-coupled receptor LGR5 (LGR5) mRNA, complete cds.//1.1e-30:753:6//1AF061444

25 F-MAMMA1001035//Human Chromosome 16 BAC clone CIT987SK-A-1000D7, complete sequence.//7.9e-24:256:76//AC002990

F-MAMMA1001038//CIT-HSP-2284N21.TF CIT-HSP Homo sapiens genomic clone 2284N21, genomic survey sequence.//0.96:78:75//AQ000903

F-MAMMA1001041//chicken mRNA for alpha-actinin, complete cds.//2.8e-09:355:63//D26597

30 F-MAMMA1001050//Homo sapiens BAC clone RG060P12 from 7q21, complete sequence.//2.6e-40:378:76//AC002457

F-MAMMA1001059//Mouse RNA helicase and RNA-dependent ATPase from the DEAD box family mRNA, complete cds.//4.8e-97:661:83//L25125

35 F-MAMMA1001067//Homo sapiens genomic intron breakpoint sequence of MLL rearrangement, 285 bp.//2.8e-18:110:100//AJ000169

F-MAMMA1001073//HS_3046_A2_G08_MF CIT Approved Human Genomic Sperm Library D Homo sapiens genomic clone Plate=3046 Col=16 Row=M, genomic survey sequence.//1.0:142:68//AQ098420

F-MAMMA1001074//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 455J7, WORKING DRAFT SEQUENCE.//1.2e-23:386:70//AL031733

40 F-MAMMA1001075//Homo sapiens (clone F4) transmembrane protein mRNA sequence.//1.1e-27:559:65//L09749

F-MAMMA1001078//Homo sapiens chromosome 17, clone hRPK.346_K_10, complete sequence.//2.0e-22:334:69//AC006120

F-MAMMA1001080//Human immunoglobulin heavy chain variable region (VH III family) from IgM rheumatoid factor.//6.4e-58:327:92//L29155

45 F-MAMMA1001082//Homo sapiens Xp22 GSHB-314C4 (Genome Systems Human BAC library) complete sequence.//3.8e-87:695:77//AC004087

F-MAMMA1001091//Homo sapiens chromosome 19, cosmid F21967, complete sequence.//7.0e-05:594:60//AC005256

50 F-MAMMA1001092//Human DNA sequence from PAC 49C23 on chromosome X contains malate dehydrogenase pseudogene and STS.//1.6e-91:174:87//Z93019

F-MAMMA1001105//Homo sapiens OVO-like 1 binding protein (OVOL1) mRNA, complete cds.//6.4e-23:507:66//AF016045

F-MAMMA1001110//Homo sapiens chromosome 19, cosmid F16815, complete sequence.//0.77:316:60//AC004637

55 F-MAMMA1001126//Homo sapiens PAC 50H2 in the CUTL1 locus, complete sequence.//3.3e-21:237:73//AF047825

F-MAMMA1001133//Human DNA sequence from BAC 57G9 on chromosome 22q12.1 Contains ESTs, CA repeat, GSS.//0.97:202:63//Z95116

EP 1 074 617 A2

F-MAMMA1001139//tricarboxylate carrier [rats, liver, mRNA Partial, 2986 nt]//1.6e-84:406:82//S70011
F-MAMMA1001143//Homo sapiens DNA sequence from cosmid N75B3 on chromosome 22 Contains EST, exon trap, complete sequence//1.3e-14:182:76//AL022339
5 F-MAMMA1001145//Human DNA sequence from cosmid cU115G11, between markers DXS6791 and DXS8038 on chromosome X contains ESTs and STS//5.2e-87:714:78//Z71187
F-MAMMA1001154//CIT-HSP-2341D13.TF CIT-HSP Homo sapiens genomic clone 2341D13 genomic survey sequence//0.00051:249:61//AQ055735
F-MAMMA1001161//Homo sapiens chromosome 14, BAC CITB-135H17 containing the RAD51L1 gene, complete sequence//2.2e-30:410:70//AC004518
10 F-MAMMA1001162//Homo sapiens full-length insert cDNA clone ZA79C01//2.4e-13:87:100//AF086123
F-MAMMA1001181//Mus musculus C2C12 unknown mRNA, partial cds//9.3e-15:432:60//U31629
F-MAMMA1001186//Homo sapiens chromosome 17, clone hRPK.74_E_22, complete sequence//6.8e-57:670:72//AC005696
F-MAMMA1001191
15 F-MAMMA1001198//Mus musculus eps15R mRNA, complete cds//1.5e-117:759:84//U29156
F-MAMMA1001202
F-MAMMA1001203//Homo sapiens chromosome 17, clone hRPK.22_N_12, WORKING DRAFT SEQUENCE, 2 ordered pieces//1.5e-161:764:98//AC005412
F-MAMMA1001206//Homo sapiens chromosome 17, clone HCIT421K24, complete sequence//5.1e-30:535:65//AC004099
20 F-MAMMA1001215//Homo sapiens chromosome 19, CIT-HSP BAC 470n8, complete sequence//8.4e-182:860:98//AC005393
F-MAMMA1001220//Homo sapiens PAC clone DJ0745K06 from 7q31, complete sequence//7.7e-58:690:70//AC004875
25 F-MAMMA1001222//Mouse loricrin mRNA, complete cds//2.7e-07:624:58//M34398
F-MAMMA1001243//Homo sapiens chromosome 17, clone hRPK.192_H_23, complete sequence//0.91:177:66//AC005726
F-MAMMA1001244
F-MAMMA1001249//Human 28S ribosomal RNA psuedogenes and alu repeat region sequence//6.7e-09:502:58//U67616
30 F-MAMMA1001256//Human DNA sequence from clone 441J1 on chromosome 6p24 Contains STS, GSS, complete sequence//5.0e-37:342:80//Z99495
F-MAMMA1001259
F-MAMMA1001260//Homo sapiens mRNA for KIAA0661 protein, complete cds//8.7e-40:659:64//AB014561
35 F-MAMMA1001268//Homo sapiens PAC clone DJ0844F09 from 7p12-p13, complete sequence//4.9e-43:265:81//AC004453
F-MAMMA1001271//Salmo salar DNA for a cryptic repeat//2.6e-06:311:63//AJ012206
F-MAMMA1001274//Homo sapiens clone DJ0607J02, WORKING DRAFT SEQUENCE, 12 unordered pieces//6.6e-70:327:83//AC004840
40 F-MAMMA1001280//Homo sapiens Xp22 bins 87-93 PAC RPCI1-122K4 (Roswell Park Cancer Institute Human PAC Library) complete sequence//1.0e-05:276:66//AC003035
F-MAMMA1001292//Human DNA sequence from clone 1170K4 on chromosome 22q12.2-13.1. Contains three novel genes, one of which codes for a Trypsin family protein with class A LDL receptor domains, and the IL2RB gene for Interleukin 2 Receptor, Beta (IL-2 Receptor, CD122 antigen). Contains a putative CpG island, ESTs, and GSSs, complete sequence//3.6e-98:199:98//AL022314
45 F-MAMMA1001296//RPCI11-38B4.TV RPCI-11 Homo sapiens genomic clone RPCI-11-38B4, genomic survey sequence//4.7e-33:292:71//AQ030084
F-MAMMA1001298//Homo sapiens chromosome 17, clone hRPK.849_N_15, complete sequence//1.6e-182:860:98//AC005703
50 F-MAMMA1001305//Human DNA sequence from clone 116F5 on chromosome 22q13. Contains part of an unknown gene and part of a RhoGAP (CDC42 GTPase Activating Protein) LIKE gene. Contains ESTs, STSs, GSSs, genomic marker D22S1168 and a CA repeat polymorphism, complete sequence//1.9e-70:163:97//Z93244
F-MAMMA1001322//Human DNA sequence from clone 774I24 on chromosome 1q24.1-24.3 Contains protein similar to pregnancy-associated plasma protein A precursor neuronal migration protein astrotactin, ESTs, STS and GSS, complete sequence//2.6e-19:379:68//AL031290
55 F-MAMMA1001324//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 197L1, WORKING DRAFT SEQUENCE//4.5e-131:751:90//AL031390
F-MAMMA1001330

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F-MAMMA1001341//Sus scrofa//1.6e-36:420:73//Z46906
 F-MAMMA1001343//Plasmodium falciparum DNA *** SEQUENCING IN PROGRESS *** from MAL1P1, WORK-
 ING DRAFT SEQUENCE//1.1e-05:818:58//AL031744
 F-MAMMA1001346
 5 F-MAMMA1001383//Homo sapiens, WORKING DRAFT SEQUENCE, 52 unordered pieces//2.0e-44:505:74//
 AC004086
 F-MAMMA1001388//Human IGF binding protein complex acid-labile subunit a mRNA, complete cds//1.5e-07:415:
 58//M86826
 F-MAMMA1001397//Human DNA sequence from clone 462D8 on chromosome 22q11.21-12.1 Contains EST, STS
 10 and GSS, complete sequence//1.6e-23 :209:75//AL022332
 F-MAMMA1001408//HS_3242_A1_H11_T7 CIT Approved Human Genomic Sperm Library D Homo sapiens ge-
 nomic clone Plate=3242 Col=21 Row=O, genomic survey sequence//2.7e-07:181:69//AQ207300
 F-MAMMA1001411//Homo sapiens autosomal dominant polycystic kidney disease type II protein (PKD2) gene,
 exon 14//0.98:120:68//AF004872
 15 F-MAMMA1001419//HS_2053_B1_F12_T7 CIT Approved Human Genomic Sperm Library D Homo sapiens ge-
 nomic clone Plate=2053 Col=23 Row=L, genomic survey sequence//1.9e-75 :424:93//AQ244585
 F-MAMMA1001420//Homo sapiens chromosome 4 clone B203C23 map 4q25, complete sequence//2.4e-09:199:
 70//AC004049
 F-MAMMA1001435//Homo sapiens chromosome 16p11.2 BAC clone CIT987SK-2011O4, WORKING DRAFT SE-
 20 QUENCE, 4 unordered pieces//5.1e-42:558:69//AC004529 F-MAMMA1001442//Plasmodium falciparum chromo-
 some 2, section 37 of 73 of the complete sequence//0.0019:516:56//AE001400
 F-MAMMA1001446//Homo sapiens Xp22 BAC GSHB-519E5 (Genome Systems Human BAC library) complete
 sequence//3.6e-42:486:70//AC003684
 F-MAMMA1001452//RPC111-48022.TJ RPC111 Homo sapiens genomic clone R-48O22, genomic survey se-
 25 quence//5.3e-87:423:98//AQ199294
 F-MAMMA1001465//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 414D7, WORKING
 DRAFT SEQUENCE//0.00038:114:75//AL033543
 F-MAMMA1001476//Mus musculus uridine kinase mRNA, partial cds//4.1e-99:604:87//L31783
 F-MAMMA1001487//Homo sapiens clone DJ1070G24, WORKING DRAFT SEQUENCE, 12 unordered pieces//
 30 1.0e-13:158:77//AC005486
 F-MAMMA1001501//Human mRNA for calcium activated neutral protease large subunit (muCANP, calpain, EC
 3.4.22.17)//9.6e-52:438:81//X04366
 F-MAMMA1001502//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 356B7, WORKING
 DRAFT SEQUENCE//3.7e-152:720:99//AL031714
 35 F-MAMMA1001510//Human PAC clone DJ438O4 from 22q12.1-qter, complete sequence//1.1e-05:371:61//
 AC002378
 F-MAMMA1001522
 F-MAMMA1001547
 F-MAMMA1001551//Homo sapiens mRNA for KIAA0462 protein, partial cds//2.3e-128:614:98//AB007931
 40 F-MAMMA1001575//Human Chromosome 16 BAC clone CIT987SK-A-815A9, complete sequence//0.97:154:68//
 AF001548
 F-MAMMA1001576//Human gamma-tubulin mRNA, complete cds//1.8e-95:529:91//M61764
 F-MAMMA1001590//Human DNA sequence from clone 125H2 on chromosome 22q11-12 Contains part of myosin
 heavy chain gene, EST, CA repeat, STS, GSS, complete sequence//1.8e-07:104:84//Z98949
 45 F-MAMMA1001600//HS_3022_A2_H01_T7 CIT Approved Human Genomic Sperm Library D Homo sapiens ge-
 nomic clone Plate=3022 Col=2 Row=O, genomic survey sequence//1.6e-66:405:90//AQ163791
 F-MAMMA1001604//Human DNA sequence from clone 1114G22 on chromosome 1q24-25 Contains EST, CA re-
 peat, Ninenin like sequence, complete sequence//0.00043:715:58//AL008626
 F-MAMMA1001606//Jd114 Trypanosome Shotgun M13 genomic Trypanosoma brucei brucei genomic clone 2G6,
 50 genomic survey sequence//0.19:266:62//B13685
 F-MAMMA1001620//Homo sapiens monocyte/neutrophil elastase inhibitor gene, complete cds//9.7e-54:442:69//
 AF053630
 F-MAMMA1001627//X.borealis ribosomal spacer DNA, with a DNaseI-hypersensitive site//0.14:221:62//M29833
 F-MAMMA1001630//Homo sapiens chromosome 17, clone hRPK_22_N_12, WORKING DRAFT SEQUENCE, 2
 55 ordered pieces//2.0e-47:611:71//AC005412
 F-MAMMA1001633//Human zinc finger protein (LD5-1) mRNA, complete cds//1.1e-42:611:67//U57796
 F-MAMMA1001635//Human BAC clone RG072E11 from 7q21-7q22, complete sequence//4.0e-35:407:70//
 AC000118

- F-MAMMA1001649//Human DNA sequence from clone 353H6 on chromosome Xq25-26.2. Contains the alternatively spliced SMARCA1 gene for SW1/SNF related, matrix associated, actin dependent regulator of chromatin, subfamily a, member 1 (SNF2L1) and a 40S Ribosomal Protein S26 pseudogene. Contains ESTs, STSs and GSSs, complete sequence.//0.44:245:63//AL022577
- 5 F-MAMMA1001654//Mouse transcriptional control element.//0.0025:189:63//M17284
- F-MAMMA1001663//CIT-HSP-2165E16. TR CIT-HSP Homo sapiens genomic clone 2165E16, genomic survey sequence.//9.7e-05:146:66//B95491
- F-MAMMA1001670//HS_3136_A1_G06_MR CIT Approved Human Genomic Sperm Library D Homo sapiens genomic clone Plate=3136 Col=11 Row=M, genomic survey sequence.//3.1e-28:237:85//AQ148779
- 10 F-MAMMA1001671//Homo sapiens chromosome 19, cosmid: F23269, complete sequence.//3.3e-181:863:98//AC005614
- F-MAMMA1001679//HS_3054_A1_H11_MR CIT Approved Human Genomic Sperm Library D Homo sapiens genomic clone Plate=3054 Col=21 Row=O, genomic survey sequence.//1.0:89:70//AQ106118
- F-MAMMA1001683//Spermatogenesis similis mRNA for 90 kD basal apparatus-protein.//8.3e-07:480:62//AJ224970
- 15 F-MAMMA1001686//HS_3219_B1_A03_MR CIT Approved Human Genomic Sperm Library D Homo sapiens genomic clone Plate=3219 Col=5 Row=B, genomic survey sequence.//0.00072:180:65//AQ180345
- F-MAMMA1001692//HS_3047_B1_B10_MF CIT Approved Human Genomic Sperm Library D Homo sapiens genomic clone Plate=3047 Col=19 Row=D, genomic survey sequence.//2.5e-94:459:98//AQ134228
- 20 F-MAMMA1001711//Homo sapiens clone DJ0635O05, WORKING DRAFT SEQUENCE, 7 unordered pieces.//1.2e-42:316:82//AC004845
- F-MAMMA1001715//CIT-HSP-2347A14. TF CIT-HSP Homo sapiens genomic clone 2347A14, genomic survey sequence.//1.1e-60:413:87//AQ059125
- F-MAMMA1001730//Homo sapiens brain and nasopharyngeal carcinoma susceptibility protein NSG-x mRNA, partial cds.//1.8e-133:646:97//AF095687
- 25 F-MAMMA1001735//chicken brain tubulin beta chain mrna.//3.5e-110:740:84//J00913
- F-MAMMA1001740//Human DNA sequence from PAC 136017 on chromosome X contains ESTs and STS.//0.98:416:57//Z72001
- F-MAMMA1001743//Homo sapiens clone DJ0981O07, complete sequence.//3.2e-16:194:75//AC006017
- 30 F-MAMMA1001744//Homo sapiens DNA sequence from clone 46618 on chromosome Xq11.1-13.2. Contains an unknown gene similar to Coagulation Factor V (Activated Protein C Cofactor), Coagulation Factor VIII (Procoagulant Component) and Ceruloplasmin (EC 1.16.3.1, Ferroxidase). Contains ESTs and an STS, complete sequence.//0.0036:181:66//AL030998
- F-MAMMA1001745//Homo sapiens BAC clone 529F11 from 8q21, complete sequence.//1.2e-60:822:68//AF070718
- 35 F-MAMMA1001751//Human potassium channel KCNO1 mRNA, complete cds.//1.2e-35:583:65//U90065
- F-MAMMA1001754//Bos taurus vacuolar proton pump subunit SFD alpha isoform (SFD) mRNA, complete cds.//8.4e-102:627:87//AF041338
- F-MAMMA1001757//HS_2058_B2_C04_MR CIT Approved Human Genomic Sperm Library D Homo sapiens genomic clone Plate=2058 Col=8 Row=F, genomic survey sequence.//1.7e-24:173:88//AQ243865
- 40 F-MAMMA1001760//Human DNA sequence from clone 354N19 on chromosome 6q22. Contains the 3' part of the gene for Mannosyl-Oligosaccharide Alpha-1,2-Mannosidase (Man(9)-alpha-mannosidase, EC 3.2.1.113), a Cytochrome C Oxidase Polypeptide I (EC 1.9.3.1) pseudogene and a pseudogene similar to 60S Ribosomal Protein L13A. Contains genomic markers D6S287 and D6S1696, ESTs, STSs, GSSs and two CA repeat polymorphisms, complete sequence.//6.6e-76:349:87//AL022722
- 45 F-MAMMA1001764//Saccharomyces douglasii mitochondrial cytochrome c oxidase subunit I (COXI) gene, complete cds.//0.23:633:57//M97514
- F-MAMMA1001768//Bovine herpesvirus 1 complete genome.//2.3e-11:547:60//AJ004801
- F-MAMMA1001769//Homo sapiens 12q13.1 PAC RPC11-228P16 (Röswell Park Cancer Institute Human PAC Library) complete sequence.//1.1e-76:509:78//AC004801
- 50 F-MAMMA1001771//M.musculus mRNA for semaphorin B.//2.7e-106:744:82//X85991
- F-MAMMA1001783//Human PAC clone 127H14 from 12q, complete sequence.//6.0e-20:228:75//AC002563
- F-MAMMA1001785
- F-MAMMA1001788//Human DNA sequence from clone 425C14 on chromosome 6q22 Contains the HSF2 gene for Heat Shock Factor 2 (Heat Shock Transcription Factor 2, HSF2) and an unknown gene similar to the placental protein DIFF33 gene. Contains ESTs, STSs and GSSs, complete sequence.//5.0e-05:152:74//Z99129
- 55 F-MAMMA1001790//Homo sapiens chromosome 12p13.3 clone RPC13-454B23, WORKING DRAFT SEQUENCE, 48 unordered pieces.//4.5e-53:318:80//AC005845

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F-MAMMA1001806//Homo sapiens chromosome 19, cosmid R29368, complete sequence.//1.0:131:67//AC004262

F-MAMMA1001812//Human Chromosome X clone bWXD187, complete sequence.//3.0e-34:257:83//AC004383

5 F-MAMMA1001815//Homo sapiens PAC clone DJ0850G01 from 7q21.2-q22, complete sequence.//5.2e-61:516:79//AC004128

F-MAMMA1001817//Homo sapiens 12q24 PAC RPCI1-261P5 (Roswell Park Cancer Institute Human PAC library) complete sequence.//3.1e-32:295:78//AC004031

F-MAMMA1001818//Homo sapiens chromosome 21q22.3, PAC clones 314N7, 225L15, BAC clone 7B7, complete sequence bases 1.333303.//0.71:179:67//AJ011930

10 F-MAMMA1001820//Rattus norvegicus mRNA for PAG608 gene.//3.0e-91:726:79//Y13148

F-MAMMA1001824//HS_3108_A1_G12_MR CIT Approved Human Genomic Sperm Library D Homo sapiens genomic clone Plate=3108 Col=23 Row=M, genomic survey sequence.//3.4e-05:119:74//AQ107508

F-MAMMA1001836//Homo sapiens chromosome 18, clone hRPK.537_E_1, complete sequence.//3.4e-45:312:85//AC006211

15 F-MAMMA1001837//Rattus norvegicus zinc finger protein Y1 (RLZF-Y) mRNA, complete cds.//4.5e-51:480:75//AF052042

F-MAMMA1001848//CITBI-E1-2516P17.TF CITBI-E1 Homo sapiens genomic clone 2516P17, genomic survey sequence.//1.0e-100:486:98//AQ279620

F-MAMMA1001851//Human DNA from overlapping chromosome 19-specific cosmids R30072 and R28588, genomic sequence, complete sequence.//5.1e-07:197:67//AC002390

20 F-MAMMA1001854

F-MAMMA1001858//RPCI11-11L22.TP RPCI-11 Homo sapiens genomic clone RPCI-11-11L22, genomic survey sequence.//0.091:161:65//B75631

F-MAMMA1001864//Human PAC clone DJ0205E24 from Xq23, complete sequence.//2.6e-09:397:61//AC003013

25 F-MAMMA1001868//HS_2196_B2_A12_MR CIT Approved Human Genomic Sperm Library D Homo sapiens genomic clone Plate=2196 Col=24 Row=B, genomic survey sequence.//5.8e-13:86:100//AQ032455

F-MAMMA1001874//H.sapiens CpG island DNA genomic Mse1 fragment, clone 63h5, reverse read cpg63h5.rta.//1.0:127:63//Z62129

F-MAMMA1001878//Human DNA sequence from BAC 999D10 on chromosome 22q13.3. Contains two BAC end-sequences (GSSs).//1.7e-19:372:67//Z94802

30 F-MAMMA1001880//RPCI11-90K3.TJ RPCI11 Homo sapiens genomic clone R-90K3, genomic survey sequence.//6.6e-11:362:62//AQ283465

F-MAMMA1001890//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 508I15, WORKING DRAFT SEQUENCE.//1.8e-45:317:86//AL021707

35 F-MAMMA1001907//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 424J12, WORKING DRAFT SEQUENCE.//2.7e-23:255:77//Z82207

F-MAMMA1001908//HS_2225_A1_A03_MR CIT Approved Human Genomic Sperm Library D Homo sapiens genomic clone Plate=2225 Col=5 Row=A, genomic survey sequence.//5.4e-08:264:62//AQ301597

F-MAMMA1001931//HS_3049_B2_D09_MR CIT Approved Human Genomic Sperm Library D Homo sapiens genomic clone Plate=3049 Col=18 Row=H, genomic survey sequence.//1.7e-47:295:90//AQ100157

40 F-MAMMA1001956//H.sapiens DNA sequence.//0.056:233:66//Z22493

F-MAMMA1001963//Homo sapiens adenylosuccinate lyase gene, complete cds.//0.99:173:68//AF106656

F-MAMMA1001969//Human DNA sequence from cosmid 232L22, between markers DXS366 and DXS87 on chromosome X contains ESTs glycerol kinase pseudogene.//5.3e-63:479:78//Z73986

45 F-MAMMA1001970//Homo Sapiens BAC clone BK085E05 from 22q12.1-qter, complete sequence.//1.4e-126:699:93//AC003071

F-MAMMA1001992//HS_3078_A1_A09_MF CIT Approved Human Genomic Sperm Library D Homo sapiens genomic clone Plate=3078 Col=17 Row=A, genomic survey sequence.//3.3e-08:257:65//AQ143646

F-MAMMA1002009//Homo sapiens chromosome 17, clone hRPK.214_O_I, complete sequence.//1.5e-07:244:62//AC005224

50 F-MAMMA1002011//HS_3252_B1_B05_MR CIT Approved Human Genomic Sperm Library D Homo sapiens genomic clone Plate=3252 Col=9 Row=D, genomic survey sequence.//1.3e-07:170:69//AQ304711

F-MAMMA1002032//Homo sapiens chromosome 12p13.3, WORKING DRAFT SEQUENCE, 37 unordered pieces.//2.1e-34:315:79//AC004803

55 F-MAMMA1002033//HS_3023_A2_G04_T7 CIT Approved Human Genomic Sperm Library D Homo sapiens genomic clone Plate=3023 Col=8 Row=M, genomic survey sequence.//4.3e-69:366:94//AQ105493

F-MAMMA1002041//Genomic sequence from Human 9q34, complete sequence.//5.3e-85:439:82//AC001227

F-MAMMA1002042//Homo sapiens chromosome 3, clone hRPK.165_L_16, complete sequence.//1.4e-20:314:70//

AC005669

F-MAMMA1002047//Homo sapiens 12p13.3 BAC RPCII1-429A20 (Roswell Park Cancer Institute Human BAC Library) complete sequence.//6.8e-14:526:62//AC005906

F-MAMMA1002056//Human DNA sequence from clone 1189B24 on chromosome Xq25-26.3. Contains NADH-Ubiquinone Oxidoreductase MLRQ subunit (EC 1.6.5.3, EC 1.6.99.3, CI-MLRQ), Tubulin Beta and Proto-oncogene Tyrosine-protein Kinase FER (EC 2.7.1.112, P94-FER, C-FER, TYK3) pseudogenes, and part of a novel gene similar to hypothetical proteins S. pombe C22F3.14C and C. elegans C16A3.8. Contains ESTs, an STS and GSSs, complete sequence.//1.1e-47:648:71//AL030996

F-MAMMA1002058//Homo sapiens PAC clone DJ0732C22 from 7p11.2-p13, complete sequence.//2.4e-19:256:74//AC004869

F-MAMMA1002068//Homo sapiens, clone hRPK.2_A_1, complete sequence.//5.4e-41:407:78//AC006197

F-MAMMA1002078//Human DNA sequence from PAC 106I20 on chromosome 22q12 Contains ESTs and STS, complete sequence.//0.021:333:64//Z81313

F-MAMMA1002082

F-MAMMA1002084//Caenorhabditis elegans cosmid F28C12, complete sequence.//0.032:469:58//Z93380

F-MAMMA1002093//HS_3050_B1_F06_MR CIT Approved Human Genomic Sperm Library D Homo sapiens genomic clone Plate=3050 Col=11 Row=L, genomic survey sequence.//1.0:77:71//AQ105997

F-MAMMA1002108//Homo sapiens anion exchanger 3 gene, exons 1 and 2 and complete 5'UTR.//8.3e-10:464:60//AF017308

F-MAMMA1002118

F-MAMMA1002125//Homo sapiens chromosome 17, clone HCIT217L10, complete sequence.//1.0e-35:619:68//AC003962

F-MAMMA1002132//RPCI11-78F11.TJ RPCI11 Homo sapiens genomic clone R-78F11, genomic survey sequence.//1.0e-90:357:97//AQ286460

F-MAMMA1002140//Homo sapiens 12q24 PAC RPCI1-66E7 (Roswell Park Cancer Institute Human PAC library) complete sequence.//1.6e-45:583:64//AC004216

F-MAMMA1002143//Human serum constituent protein (MSE55) mRNA, complete cds.//6.0e-11:192:70//M88338

F-MAMMA1002145//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 102D24, WORKING DRAFT SEQUENCE.//0.0028:570:59//AL021391

F-MAMMA1002153//HS_3005_A1_D04_MF CIT Approved Human Genomic Sperm Library D Homo sapiens genomic clone Plate=3005 Col=7 Row=G, genomic survey sequence.//4.9e-41:213:99//AQ132213

F-MAMMA1002155//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 462O23, WORKING DRAFT SEQUENCE.//1.2e-45:303:78//AL031431

F-MAMMA1002156

F-MAMMA1002158//CITBI-E1-2508P18.TR CITBI-E1 Homo sapiens genomic clone 2508P18, genomic survey sequence.//7.1e-42:255:92//AQ266165

F-MAMMA1002170//Homo sapiens chromosome 17, clone HCIT187M2, complete sequence.//2.0e-81:604:81//AC004448

F-MAMMA1002174//Homo sapiens clone UWGC:y67c126 from 6p21, complete sequence.//3.2e-43:333:83//AC004212

F-MAMMA1002198//H.sapiens thiol-specific antioxidant protein mRNA.//1.0e-34:121:98//Z22548

F-MAMMA1002209//HS_2197_B1_E07_MR CIT Approved Human Genomic Sperm Library D Homo sapiens genomic clone Plate=2197 Col=13 Row=J, genomic survey sequence.//9.6e-18:163:84//AQ210058

F-MAMMA1002215//Homo sapiens anion exchanger 3 gene, exons 1 and 2 and complete 5'UTR.//6.3e-08:435:60//AF017308

F-MAMMA1002219//Rattus norvegicus rexo70 mRNA, complete cds.//1.8e-124:752:87//AF032667

F-MAMMA1002230//Plasmodium falciparum 3D7 chromosome 12, PFYAC588 genomic sequence, WORKING DRAFT SEQUENCE, 2 unordered pieces.//0.67:356:59//AC004710

F-MAMMA1002236//Rattus norvegicus initiation factor eIF-2B gamma subunit (eIF-2B gamma) mRNA, complete cds.//9.3e-140:836:87//U38253

F-MAMMA1002243//Homo sapiens chromosome 17, clone hRPK.112_H_10, complete sequence.//1.4e-145:691:98//AC005666

F-MAMMA1002250//Homo sapiens chromosome 16, P1 clone 109-9G (LANL), complete sequence.//6.0e-138:660:98//AC005600

F-MAMMA1002267//Homo sapiens chromosome 2, P1 clone 777H5 (LBNL H27), complete sequence.//0.066:333:60//AC003676

F-MAMMA1002268//Mus musculus sphingosine kinase (SPHK1a) mRNA, partial cds.//1.1e-39:404:74//AF068748

F-MAMMA1002269//HS_3163_B1_D03_MR CIT Approved Human Genomic Sperm Library D Homo sapiens ge-

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nomic clone Plate=3163 Col=5 Row=H, genomic survey sequence.//1.0:150:63//AQ171576
 F-MAMMA1002282//Human Chromosome 16 BAC clone CIT987SK-327O24, complete sequence.//1.5e-22:315:
 67//AC003108
 F-MAMMA1002292//B.garinii (strain Tls1) p83/100 gene (partial).//0.73:200:64//X81533
 5 F-MAMMA1002293//Homo sapiens clone DJ1147A01, WORKING DRAFT SEQUENCE, 25 unordered pieces.//
 1.6e-56:408:75//AC006023
 F-MAMMA1002294//Sequence 2 from Patent WO9516779.//1.8e-06:401:62//A45258
 F-MAMMA1002297
 F-MAMMA1002298//Homo sapiens DNA from chromosome 19, cosmid R29144, complete sequence.//0.0056:
 10 525:61//AC004221
 F-MAMMA1002299//CIT-HSP-2345B2.TR CIT-HSP Homo sapiens genomic clone 2345B2, genomic survey se-
 quence.//1.2e-90:446:98//AQ053994
 F-MAMMA1002308//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 850H21, WORKING
 DRAFT SEQUENCE.//1.3e-35:329:78//AL031680
 15 F-MAMMA1002310//Human gastric (H⁺ + K⁺)-ATPase gene, complete cds.//0.0060:301:60//J05451
 F-MAMMA1002311//Human Chromosome 15q11-q13 clone pDJ276c12 from the Prader-Willi/Angelman syn-
 drome region, WORKING DRAFT SEQUENCE, 3 unordered pieces.//8.6e-50:327:69//AC004737
 F-MAMMA1002312//Homo sapiens DNA sequence from PAC 435D1 on chromosome Xq25. Contains ESTs and
 STS.//1.3e-09:741:58//Z86064
 20 F-MAMMA1002317
 F-MAMMA1002319//Homo sapiens chromosome 19, fosmid 39347, complete sequence.//1.9e-158:746:99//
 AC005756
 F-MAMMA1002322//Homo sapiens Chromosome 11p14.3 PAC clone pDJ1034g4, complete sequence.//5.3e-52:
 617:70//AC004796
 25 F-MAMMA1002329//Homo sapiens RaP2 interacting protein: 8 (RPIP8), mRNA, complete cds.//0.22:143:67//
 U93871
 F-MAMMA1002332//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 30G7, WORKING
 DRAFT SEQUENCE.//1.6e-31:287:74//AL034402
 F-MAMMA1002333//Mycobacterium tuberculosis H37Rv complete genome; segment 148/162.//2.5e-09:674:59//
 30 AL022022
 F-MAMMA1002339//Homo sapiens chromosome 21q22.3, cosmid clone Q4H9 complete sequence bases
 1.41604.//2.1e-57:522:77//AJ011932
 F-MAMMA1002347//Homo sapiens BAC clone RG136N17 from 7p15-p21, complete sequence.//2.0e-14:258:69//
 AC004129
 35 F-MAMMA1002351//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 1059H15, WORK-
 ING DRAFT SEQUENCE.//7.8e-132:723:91//AL022100
 F-MAMMA1002352//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 128O3, WORKING
 DRAFT SEQUENCE.//5.8e-17:326:70//Z98742
 F-MAMMA1002353//Homo sapiens clone DJ0292L20, WORKING DRAFT SEQUENCE, 2 unordered pieces.//
 40 1.1e-14:399:63//AC004825
 F-MAMMA1002355//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 109G6, WORKING
 DRAFT SEQUENCE.//3.7e-43:420:75//AL023879
 F-MAMMA1002356//Plasmodium falciparum 3D7 chromosome 12, PFYAC812 genomic sequence, WORKING
 DRAFT SEQUENCE, 8 unordered pieces.//0.0022:534:59//AC004153
 45 F-MAMMA1002359//Homo sapiens 12p13.3 PAC RPCI5-1180D12 (Roswell Park Cancer Institute Human PAC
 Library) complete sequence.//5.3e-18:156:75//AC005831
 F-MAMMA1002360//Human DNA sequence from cosmid L21F12B, Huntington's Disease Region, chromosome
 4p16.3, contains EST.//4.9e-43:353:69//Z68885
 F-MAMMA1002361//Human DNA sequence from clone 342B11 on chromosome 22q12.1-12.3. Contains ESTs
 50 and a GSS, complete sequence.//1.8e-22:282:74//AL008719
 F-MAMMA1002362//Platemys spixii CR1-like LINE, partial sequence.//0.00058:83:79//D82938
 F-MAMMA1002380//CIT-HSP-2383K24.TF CIT-HSP Homo sapiens genomic clone 2383K24, genomic survey se-
 quence.//4.4e-10:85:92//AQ196889
 F-MAMMA1002384//RPCI11-80J20.TV RPCI11 Homo sapiens genomic clone R-80J20, genomic survey se-
 55 quence.//2.7e-56:286:98//AQ284134
 F-MAMMA1002385//CIT-HSP-2328G13.TF CIT-HSP Homo sapiens genomic clone 2328G13, genomic survey se-
 quence.//5.5e-46:335:84//AQ043985
 F-MAMMA1002392//Homo sapiens PAC clone DJ0797C05 from 7q31, complete sequence.//8.5e-29:273:78//

AC004888

F-MAMMA1002411//Human DNA sequence from clone 1044017 on chromosome Xp11.3-11.4 Contains GSS and STS, complete sequence.//8.2e-09:287:63//AL023 875

F-MAMMA1002413//Plasmodium falciparum (strain Dd2) variant-specific surface protein (var1) gene, complete cds.//9.6e-08:730:57//L40608

F-MAMMA1002417//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 30G7, WORKING DRAFT SEQUENCE.//4.1e-06:181:72//AL034402

F-MAMMA1002427//*** SEQUENCING IN PROGRESS *** Homo sapiens chromosome 4, BAC clone C0366H07; HTGS phase 1, WORKING DRAFT SEQUENCE, 28 unordered pieces.//1.3e-51:593:72//AC004604

F-MAMMA1002428

F-MAMMA1002434//Homo sapiens DNA sequence from PAC 958B3 on chromosome Xp22.11-Xp22.22. Contains ESTs STS and CpG island.//7.3e-56:388:81//Z93023

F-MAMMA1002446//CIT-HSP-2324Q22.TR CIT-HSP Homo sapiens genomic clone 2324Q22, genomic survey sequence.//2.3e-56:302:95//AQ027479

F-MAMMA1002454//Homo sapiens PAC clone DJ1136G13 from 7q35-q36, complete sequence.//1.1e-54:190:94//AC005229

F-MAMMA1002461//Rattus norvegicus calcium channel alpha-1 subunit gene, partial cds.//0.00045:457:60//U14005

F-MAMMA1002470//Saccharomyces cerevisiae chromosome VIII cosmid 9205.//9.7e-33:709:60//U10556

F-MAMMA1002475//Homo sapiens 12p13.3 PAC RPCI3-340I3 (Roswell Park Cancer Institute Human PAC Library) complete sequence.//0.092:506:58//AC004671

F-MAMMA1002480//Homo sapiens clone RG228D17, WORKING DRAFT SEQUENCE, 2-unordered pieces.//0.025:100:76//AC005077

F-MAMMA1002485//Homo sapiens stanniocalcin-2 (STC-2) mRNA, complete cds.//2.9e-118:560:98//AF055460

F-MAMMA1002494//Homo sapiens Xp22-175-176 BAC GSHB-484O17 (Genome Systems Human BAC Library) complete sequence.//1.5e-22:297:73//AC005913

F-MAMMA1002498//Human PAC clone DJ327A19 from Xq25-q26, complete sequence.//7.2e-10:330:64//AC002477

F-MAMMA1002524//Homo sapiens huntingtin gene, partial exon.//0.0080:124:72//L49359

F-MAMMA1002530//Homo sapiens cytosolic phospholipase A2 gamma (cPLA2 gamma) mRNA, complete cds.//1.4e-160:775:97//AF065214

F-MAMMA1002545//Homo sapiens chromosome 17, clone hRPK.74_E_22 complete sequence.//1.9e-41:345:80//AC005696

F-MAMMA1002554

F-MAMMA1002556

F-MAMMA1002566

F-MAMMA1002571//CIT-HSP-2296N17.TR CIT-HSP Homo sapiens genomic clone 2296N17, genomic survey sequence.//1.7e-07:76:90//AQ006579

F-MAMMA1002573//Homo sapiens DNA, trinucleotide repeats region, clone GAA C27.//2.7e-08:195:70//AB018507

F-MAMMA1002585

F-MAMMA1002590//Homo sapiens BAC clone GS250A16 from 7p21-p22, complete sequence.//2.1e-26:361:69//AC005019

F-MAMMA1002597//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 1103G7, WORKING DRAFT SEQUENCE.//1.3e-34:550:69//AL034548

F-MAMMA1002598//H.sapiens mRNA for ribosomal protein L7.//1.1e-21:123:100//X57958

F-MAMMA1002603//Homo sapiens chromosome 20, BAC clone 99 (LBNL H80), complete sequence.//0.0018:358:61//AC005220

F-MAMMA1002612//Homo sapiens PAC clone DJ0696N01 from 7p21-p22, complete sequence.//2.1e-13:336:63//AC004861

F-MAMMA1002617//Homo sapiens clone DJ1070G24, WORKING DRAFT SEQUENCE, 12 unordered pieces.//0.14:229:64//AC005486

F-MAMMA1002618

F-MAMMA1002619//Homo sapiens chromosome 21 PAC RPCIP704E14135Q2.//9.5e-71:319:85//AJ010598

F-MAMMA1002622//Homo sapiens advillin mRNA, complete cds.//1.5e-20:157:90//AF041449

F-MAMMA1002623//Homo sapiens T-cell receptor alpha delta locus from bases 501613 to 752736 (section 3 of 5) of the Complete Nucleotide Sequence.//8.3e-06:137:72//AE000660

F-MAMMA1002625//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 1056L3, WORKING

DRAFT SEQUENCE.//1.9e-171:819:98//AL031727
 F-MAMMA1002629//Human BAC clone RG385F02 from 7p15, complete sequence.//4.8e-85:478:78//AC003093
 F-MAMMA1002636//Human POU domain factor (Brn-3a) gene, exon 2, complete cds.//5.6e-09:499:62//U10063
 F-MAMMA1002637//Mus musculus kinesin light chain 2 (Klc2) mRNA, complete cds.//3.6e-115:785:82//AF055666
 5 F-MAMMA1002646//Homo sapiens chromosome 2 clone 101B6 map 2p11, complete sequence.//1.5e-45:291:90//
 AC002038
 F-MAMMA1002650//Homo sapiens candidate tumor suppressor HIC-1 (HIC-1) gene, complete cds.//6.6e-06:661:
 59//L41919
 F-MAMMA1002655//HS_2003_A2_A11_MR CIT Approved Human Genomic Sperm Library D Homo sapiens ge-
 10 nomic clone Plate=2003 Col=22 Row=A, genomic survey sequence.//9.0e-15:198:74//AQ224233
 F-MAMMA1002662
 F-MAMMA1002665//Homo sapiens BAC clone GS588G18 from 7p12-p14, complete sequence.//1.4e-37:235:84//
 AC005029
 F-MAMMA1002671//Human Cdk-inhibitor p57KIP2 (KIP2) mRNA, complete cds.//0.00027:272:64//U22398
 15 F-MAMMA1002673
 F-MAMMA1002684//Homo sapiens mRNA for KIAA0214 protein, complete cds.//3.7e-161:752:99//D86987
 F-MAMMA1002685//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 39417, WORKING
 DRAFT SEQUENCE.//6.2e-45:510:70//AL023585
 F-MAMMA1002698//HS_3024_B1_C06_T7 CIT Approved Human Genomic Sperm Library D Homo sapiens ge-
 20 nomic clone Plate=3024 Col=11 Row=F, genomic survey sequence.//1.7e-10:155:75//AQ072214
 F-MAMMA1002699//Rattus norvegicus EH domain binding protein Epsin mRNA, complete cds.//5.9e-75:509:83//
 AF018261
 F-MAMMA1002701//Homo sapiens gene for AF-6, complete cds.//1.2e-159:749:99//AB011399
 F-MAMMA1002708//Human DNA sequence from clone 267M20 on chromosome Xq22.2-22.3. Contains part of
 25 the DIAPH2 gene and a pseudogene, ESTs, STSs and GSSs, complete sequence.//3.0e-57:347:79//AL031053
 F-MAMMA1002711//Homo sapiens BAC clone GS589P19 from 7p13-p14, complete sequence.//3.4e-31:484:69//
 AC005030
 F-MAMMA1002721//CIT-HSP-2350M5.TR CIT-HSP Homo sapiens genomic clone 2350M5, genomic survey se-
 quence.//1.4e-06:265:63//AQ061245
 30 F-MAMMA1002727//Human DNA sequence from clone 67K17 on chromosome 6q24.1-24.3. Contains the HIVP2
 (Schnurri-2) gene for HIV type 1 Enhancer-binding Protein 2, and a possible pseudogene in an intron of this gene.
 Contains STSs and GSSs and an AAAT repeat polymorphism, complete sequence.//0.18:386:58//AL023584
 F-MAMMA1002728//Human DNA sequence from PAC 296K21 on chromosome X contains cytokeatin exon, delta-
 aminolevulinic synthase (erythroid); 5-aminolevulinic acid synthase (EC 2.3.1.37). 6-phosphofructo-2-kinase/
 35 fructose-2,6-bisphosphatase (EC 2.7.1.105, EC 3.1.3.46), ESTs and STS.//3.2e-05:362:63//Z83821
 F-MAMMA1002744//Plasmodium falciparum chromosome 2, section 5 of 73 of the complete sequence.//0.00010:
 535:58//AE001368
 F-MAMMA1002746//Homo sapiens chromosome 17, clone hRPK.136_H_19, complete sequence.//1.2e-182:880:
 97//AC005856
 40 F-MAMMA1002748//Homo sapiens 3p22 Contig 7 PAC RPCI4-672N11 (Roswell Park Cancer Institute Human
 PAC Library) complete sequence.//2.7e-175:829:98//AC006055
 F-MAMMA1002754//Homo Sapiens Chromosome X clone bWXD171, WORKING DRAFT SEQUENCE, 1 ordered
 pieces.//3.1e-31:372:75//AC004676
 F-MAMMA1002758//Homo sapiens KIAA0442 mRNA, partial cds.//3.3e-26:151:98//AB007902
 45 F-MAMMA1002764//Human Chromosome 11 Cosmid cSRL166a1, complete sequence.//5.2e-49:355:81//U73636
 F-MAMMA1002765//RPCI11-20A22.TPB RPCI-11 Homo sapiens genomic clone RPCI-11-20A22, genomic survey
 sequence.//6.7e-13:155:76//B92153
 F-MAMMA1002769//CIT-HSP-2323G1.TF CIT-HSP Homo sapiens genomic clone 2323G1, genomic survey se-
 quence.//9.7e-21:151:90//AQ028244
 50 F-MAMMA1002775//Human ABL gene, exon 1b and intron 1b, and putative M8604 Met protein (M8604 Met) gene,
 complete cds.//5.6e-105:179:99//U07561
 F-MAMMA1002780//Plasmodium falciparum DNA *** SEQUENCING IN PROGRESS *** from contig 3-08, com-
 plete sequence.//0.071:277:58//Z98546
 F-MAMMA1002782//HS_3213_B2_B08_MR CIT Approved Human Genomic Sperm Library D Homo sapiens ge-
 55 nomic clone Plate=3213 Col=16 Row=D, genomic survey sequence.//0.00018:219:63//AQ175845
 F-MAMMA1002796
 F-MAMMA1002807//Human Chromosome X PAC RPCI1-290C9 from the Pieter de Jong Human PAC library; com-
 plete sequence.//6.9e-22:332:69//AC002404

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- F-MAMMA1002820//Homo sapiens Xp22 bins 87-93 PAC RPC11-122K4 (Roswell Park Cancer Institute Human PAC Library) complete sequence//5.9e-11:483:62//AC003035
- F-MAMMA1002830//Homo sapiens chromosome 17, clone hCIT529I10, complete sequence//1.0e-64:320:83//AC002553
- 5 F-MAMMA1002833//Homo sapiens PAC clone DJ0745K06 from 7q31, complete sequence//2.8e-47:413:80//AC004875
- F-MAMMA1002835
- F-MAMMA1002838//A-916H10.TP CIT978SK Homo sapiens genomic clone A-916H10, genomic survey sequence//1.1e-39:164:83//B14462
- 10 F-MAMMA1002842//Mus musculus c-Cbl associated protein CAP mRNA, complete cds//1.9e-62:373:81//U58883
- F-MAMMA1002843//Homo sapiens mRNA for KIAA0810 protein, partial cds//1.7e-135:635:99//AB018353
- F-MAMMA1002844//F1707-T7 IGF Arabidopsis thaliana genomic clone F1707, genomic survey sequence//6.7e-17:383:66//B11616
- F-MAMMA1002858
- 15 F-MAMMA1002868//RPC11-54F9.TJ RPC11 Homo sapiens genomic clone R-54F9, genomic survey sequence//8.3e-81:392:99//AQ081566
- F-MAMMA1002869//Sequence 1 from patent US 5552529//2.2e-86:696:78//I25863
- F-MAMMA1002871//Lupinus angustifolius nodulin-45 gene, complete cds//0.029:370:59//L12388
- F-MAMMA1002880//RPC11-23M23.TV RPC11 Homo sapiens genomic clone RPC11-23M23, genomic survey sequence//1.8e-20:271:74//B86518
- 20 F-MAMMA1002881//Homo sapiens mRNA for 25 kDa trypsin inhibitor, complete cds//1.2e-28:680:61//D45027
- F-MAMMA1002886//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 380A1, WORKING DRAFT SEQUENCE//0.00040:505:57//Z97653
- F-MAMMA1002887//HS_3238_B2_G08_MR CIT Approved Human Genomic Sperm Library D Homo sapiens genomic clone Plate=3238 Col=16 Row=N, genomic survey sequence//5.5e-79:401:97//AQ219814
- 25 F-MAMMA1002890//Mus musculus MHC class III region RD gene, partial cds; Bf, C2, G9A, NG22, G9, HSP70, HSP70, HSC70, and smRNP genes, complete cds; G7A gene, partial cds; and unknown genes//4.6e-35:136:73//AF109906
- F-MAMMA1002892//Mouse Cosmid ma66a100 from 14D1-D2, complete sequence//5.7e-14:450:60//AC004096
- 30 F-MAMMA1002895//H.sapiens CpG island DNA genomic MseI fragment, clone 46b6, forward read cpg46b6.ft1a//3.7e-36:190:100//Z58616
- F-MAMMA1002908//Penaeus monodon microsatellite locus Pmo27//1.1e-05:195:62//AF068828
- F-MAMMA1002909//Human Chromosome 11 pac pDJ205d23, complete sequence//1.0e-13:457:61//AC002402
- F-MAMMA1002930//Homo sapiens Xp22 BAC GSHB-512P14 (Genome Systems Human BAC library) complete sequence//0.25:260:62//AC004467
- 35 F-MAMMA1002937//H.sapiens ZNF74-1 mRNA//6.3e-13:577:59//X71623
- F-MAMMA1002938//Homo sapiens mRNA for KIAA0698 protein, complete cds//5.1e-193:910:98//AB014598
- F-MAMMA1002941//Homo sapiens Chromosome 22q11.2 BAC Clone b437g10 In BCRL2-GGT Region, complete sequence//2.7e-23:174:77//AC004032
- 40 F-MAMMA1002947//Rhodobacter capsulatus strain SB1003, partial genome//1.3e-09:475:61//AF010496
- F-MAMMA1002964//Human thiopurine methyltransferase (TPMT) gene, exon 5//0.0029:314:60//AF019366
- F-MAMMA1002970//Human DNA sequence from PAC 436M11 on chromosome Xp22.11-22.2. Contains the serine threonine protein phosphatase gene PPEF1, and the first coding exon of the RS1 gene for retinoschisis (X-linked, juvenile) 1 (XLR51). Contains ESTs, an STS and GSSs, complete sequence//4.0e-10:194:71//Z94056
- 45 F-MAMMA1002972//H.sapiens CpG island DNA genomic MseI fragment, clone 2g10, forward read cpg2g10.ft1aa//0.38:156:66//Z55272
- F-MAMMA1002973//Homo sapiens chromosome 17, clone hRPK142_H_19, complete sequence//2.9e-41:234:79//AC005919
- F-MAMMA1002982//Homo sapiens DNA sequence from PAC 510L9 on chromosome 6p24.1-p25.3//1.7e-05:322:63//AL022098
- 50 F-MAMMA1002987//CITBI-E1-2514J12.TR CITBI-E1 Homo sapiens genomic clone 2514J12, genomic survey sequence//0.0064:135:66//AQ275871
- F-MAMMA1003003//cSRL-145D12-u cSRL flow sorted Chromosome 11, specific cosmid Homo sapiens genomic clone cSRL-145D12, genomic survey sequence//2.8e-31:201:89//B01998
- 55 F-MAMMA1003004//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone Y237C10, WORKING DRAFT SEQUENCE//1.6e-10:180:73//AL031601
- F-MAMMA1003007//Homo sapiens (clone cosmid c11q-8D1) tetranucleotide repeat polymorphism at the D11S488 locus//3.5e-12:435:61//L04732

F-MAMMA1003011//Rattus norvegicus histone macroH2A1.2 mRNA, complete cds.//2.3e-50:734:67//U79139
 F-MAMMA1003013//Mus musculus chromosome 19, clone CIT282B21, complete sequence.//1.2e-86:341:79//
 AC003694
 F-MAMMA1003015//Homo sapiens Chromosome 16 BAC clone CIT987SK-591M7, complete sequence.//2.6e-
 13:443:61//AC003661
 F-MAMMA1003019//HS_3221_A1_A01_MR CIT Approved Human Genomic Sperm Library D Homo sapiens ge-
 nomic clone Plate=3221 Col=1 Row=A, genomic survey sequence.//2.8e-51:299:92//AQ184271
 F-MAMMA1003026
 F-MAMMA1003031//Homo sapiens chromosome 5, BAC clone-319C17 (LBNL H159), complete sequence.//
 0.0037:134:73//AC005214
 F-MAMMA1003035//RPCI11-11P4.TP RPCI-11 Homo sapiens genomic clone RPCI-11-11P4, genomic survey se-
 quence.//1.1e-07:66:100//B74936
 F-MAMMA1003039//Homo sapiens 12p13.3 PAC RPCI3-340I3 (Roswell Park Cancer Institute Human PAC Li-
 brary) complete sequence.//2.1e-19:220:76//AC004671
 F-MAMMA1003040//Human DNA sequence from PAC 340N1 on chromosome 1p35-36.2. Contains ESTs, poly-
 morphic CA repeat, trna and endogenous retrovirus.//9.5e-91:469:78//Z98257
 F-MAMMA1003044//Human DNA sequence from clone 496N17 on chromosome 6p11.2-12.3 Contains EST, GSS,
 complete sequence.//0.21:289:61//AL031321
 F-MAMMA1003047//Homo sapiens protein inhibitor of activated STAT protein PIASy mRNA, complete cds.//1.7e-
 139:663:98//AF077952
 F-MAMMA1003049
 F-MAMMA1003055//HS_3014_B2_F10_MR CIT Approved Human Genomic Sperm Library D Homo sapiens ge-
 nomic clone Plate=3014 Col=20 Row=L, genomic survey sequence.//4.2e-05:215:64//AQ164940
 F-MAMMA1003056//HS_3221_B2_D12_MR CIT Approved Human Genomic Sperm Library D Homo sapiens ge-
 nomic clone Plate=3221 Col=24 Row=H, genomic survey sequence.//1.4e-16:206:74//AQ302772
 F-MAMMA1003057//M.domesticus MD6 mRNA.//8.5e-128:654:94//X54352
 F-MAMMA1003066//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 273F20, WORKING
 DRAFT SEQUENCE.//1.0:142:71//AL034371
 F-MAMMA1003089//Homo sapiens Chromosome 11p14.3 PAC clone pDJ1034g4, complete sequence.//1.7e-42:
 373:78//AC004796
 F-MAMMA1003099//Homo sapiens beta-filamin mRNA, complete cds.//2.6e-42:288:88//AF042166
 F-MAMMA1003104//Mus musculus rostral cerebellar malformation protein (rcm) mRNA, complete cds.//1.6e-12:
 477:64//U72634
 F-MAMMA1003113//Mus musculus COP9 complex subunit 7a (COPS7a) mRNA, complete cds.//3.4e-121:789:
 85//AF071316
 F-MAMMA1003127//R.norvegicus MYR1 mRNA for myosin I heavy chain.//9.4e-58:423:83//X68199
 F-MAMMA1003135//Mus musculus dentin sialophosphoprotein precursor (DSPP) mRNA, complete cds.//0.62:
 676:58//U67916
 F-MAMMA1003140
 F-MAMMA1003146//Homo sapiens mRNA for GalT3 protein.//2.2e-80:397:97//Y15062
 F-MAMMA1003150//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 598F2, WORKING
 DRAFT SEQUENCE.//7.3e-123:266:88//AL021579
 F-MAMMA1003166//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 250D10, WORKING
 DRAFT SEQUENCE.//1.6e-33:143:82//Z99716
 F-NT2RM1000001//Human DNA sequence from clone 393P23 on chromosome Xq21.1-21.33. Contains GSSs,
 complete sequence.//0.50:216:61//Z95400
 F-NT2RM1000018//Human mRNA for KIAA0066 gene, partial cds.//4.8e-65:385:92//D31886
 F-NT2RM1000032
 F-NT2RM1000035//Cricetulus griseus SREBP cleavage activating protein (SCAP) mRNA, complete cds.//6.3e-
 135:565:84//U67060
 F-NT2RM1000037//Homo sapiens mRNA for KIAA0690 protein, partial cds.//1.1 e-106:542:95//AB014590
 F-NT2RM1000039//Mouse genetic suppressor element mRNA.//0.080:239:60//L27155
 F-NT2RM1000055//Rattus norvegicus mRNA for TIP120, complete cds.//8.4e-96:535:91//D87671
 F-NT2RM1000059//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 390E6, WORKING
 DRAFT SEQUENCE.//1.0:257:59//AL031600
 F-NT2RM1000062//Nephila clavipes dragline silk protein spidroin 1 gene, partial cds.//0.54:306:63//U37520
 F-NT2RM1000080//Sequence 2 from patent US 5763589.//1.5e-115:566:97//AR012692
 F-NT2RM1000086//Homo sapiens mRNA for KIAA0661 protein, complete cds.//1.8e-114:550:97//AB014561

F-NT2RM1000092//Homo sapiens chromosome 19, cosmid R26894, complete sequence.//0.63:180:65//AC005594
 F-NT2RM1000118//Homo sapiens clone 23763 unknown mRNA, partial cds.//0.027:126:70//AF007155
 F-NT2RM1000119//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 466N1, WORKING
 5 DRAFT SEQUENCE.//0.022:644:58//Z97630
 F-NT2RM1000127//RPCI11-44E5.TJ RPCI11 Homo sapiens genomic clone R-44E5, genomic survey sequence.//1.6e-45:254:94//AQ195884
 F-NT2RM1000131//Homo sapiens mRNA for KIAA0792 protein, complete cds.//5.5e-153:778:95//AB018335
 F-NT2RM1000132//Homo sapiens NADH:ubiquinone oxidoreductase NDUF56 subunit mRNA, nuclear gene en-
 10 coding mitochondrial protein, complete cds.//1.1e-90:448:97//AF044959
 F-NT2RM1000153//Human NotI linking clone 924A081D, genomic survey sequence.//5.9e-07:66:96//U49890
 F-NT2RM1000186//Homo sapiens clone 23763 unknown mRNA, partial cds.//0.025:126:70//AF007155
 F-NT2RM1000187//CITBI-E1-2510J4.TR CITBI-E1 Homo sapiens genomic clone 2510J4, genomic survey se-
 quence.//1.1e-05:56:98//AQ261184
 15 F-NT2RM1000199//Mouse mRNA for seizure-related gene product 6 type 2 precursor, complete cds.//1.6e-38:711:65//D64009
 F-NT2RM1000242
 F-NT2RM1000244//HS_2229_A1_C04_MF CIT Approved Human Genomic Sperm Library D Homo sapiens ge-
 nomic clone Plate=2229 Col=7 Row=E, genomic survey sequence.//2.0e-13:95:95//AQ298474
 20 F-NT2RM1000252//Homo sapiens chromosome 17, clone hRPK.206_C_20, complete sequence.//0.023:225:61//AC006070
 F-NT2RM1000256//Caenorhabditis elegans cosmid F22B3, complete sequence.//8.5e-24:473:64//Z68336
 F-NT2RM1000257//Homo sapiens MAGOH mRNA, complete cds.//6.4e-69:455:85//AF035940
 F-NT2RM1000260//Human mRNA for KIAA0130 gene, complete cds.//6.5e-57:460:80//D50920
 25 F-NT2RM1000271
 F-NT2RM1000272
 F-NT2RM1000280//Bos gaurus vacuolar H-ATPase subunit D (VATD) mRNA, complete cds.//6.7e-97:430:92//U11927
 F-NT2RM1000300//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 92N15, WORKING
 30 DRAFT SEQUENCE.//2.1e-96:170:100//Z93097
 F-NT2RM1000314//Human mRNA for KIAA0159 gene, complete cds.//8.1e-127:708:92//D63880
 F-NT2RM1000318//Homo sapiens mRNA for ribosomal protein L39, complete cds.//5.7e-34:182:99//D79205
 F-NT2RM1000341//Homo sapiens full-length insert cDNA clone YP11F06.//1.3e-100:504:97//AF085879
 F-NT2RM1000354//HS_2001_B1_E06_T7 CIT Approved Human Genomic Sperm Library D Homo sapiens ge-
 35 nomic clone Plate=2001 Col=11 Row=J, genomic survey sequence.//1.6e-11:201:73//AQ218494
 F-NT2RM1000355//Mus musculus E25B protein mRNA, complete cds.//1.8e-77:578:82//U76253
 F-NT2RM1000365//Homo sapiens clone DJ0098022, WORKING DRAFT SEQUENCE, 5 unordered pieces.//9.4e-113:367:97//AC004821
 F-NT2RM1000377//H.sapiens mRNA for MAP kinase phosphatase 4.//6.1e-14:362:62//Y08302
 40 F-NT2RM1000388//Azospirillum brasilense lateral flagellin (laf1) gene, complete cds.//1.0:482:58//U26679
 F-NT2RM1000394//M.musculus mRNA for histone H3.3A.//1.7e-94:549:89//Z85979
 F-NT2RM1000399
 F-NT2RM1000421//HS_2213_B1_E01_MF CIT Approved Human Genomic Sperm Library D Homo sapiens ge-
 nomic clone Plate=2213 Col=1 Row=J, genomic survey sequence.//3.6e-08:195:72//AQ032737
 45 F-NT2RM1000430//Homo sapiens erythroblast macrophage protein EMP mRNA, complete cds.//3.7e-84:418:97//AF084928
 F-NT2RM1000499//Human mRNA for KIAA0167 gene, complete cds.//1.3e-35:525:69//D79989
 F-NT2RM1000539//Homo sapiens PAC clone DJ1194E14 from 7p21, complete sequence.//4.6e-73:533:83//AC004993
 50 F-NT2RM1000553
 F-NT2RM1000555//Homo sapiens clone 24514 unknown mRNA.//2.3e-110:555:97//AF070542
 F-NT2RM1000563//Homo sapiens clone DJ0742P04, WORKING DRAFT SEQUENCE, 6 unordered pieces.//1.3e-123:477:100//AC004873
 F-NT2RM1000623//HS_2213_B1_E01_MF CIT Approved Human Genomic Sperm Library D Homo sapiens ge-
 55 nomic clone Plate=2213 Col=1 Row=J, genomic survey sequence.//8.2e-06:75:89//AQ032737
 F-NT2RM1000648//Halobium cutirubrum L11, L1, L10 and L12 equivalent ribosomal protein gene cluster.//1.3e-06:414:61//X15078
 F-NT2RM1000661//Homo sapiens cap-binding protein 4EHP mRNA, complete cds.//9.3e-54:275:97//AF047695

- F-NT2RM1000666//HS_2016_B2_H08_MR CIT Approved Human Genomic Sperm Library D Homo sapiens genomic clone Plate=2016 Col=16 Row=P, genomic survey sequence.//5.7e-13:199:73//AQ227865
- F-NT2RM1000669//Human DNA sequence from clone 281H8 on chromosome 6q25.1-25.3. Contains up to four novel genes, one with similarity to KIAA0323 and worm C30F12.1 and another with Ubiquitin-Like protein gene SMT3 (the latter in an intron of a novel gene). Contains ESTs, STSs, GSSs, a putative CpG island and genomic marker D6S1553, complete sequence.//2.7e-94:499:94//AL031133
- 5 F-NT2RM1000672
- F-NT2RM1000691//Homo sapiens HRIHFB2060 mRNA, partial cds.//2.2e-119:582:98//AB015348
- F-NT2RM1000699//Caenorhabditis elegans cosmid Y41C4A, complete sequence.//0.95:284:61//AL032627
- 10 F-NT2RM1000702//HS_3005_A1_A02_MR CIT Approved Human Genomic Sperm Library D Homo sapiens genomic clone Plate=3005 Col=3 Row=A, genomic survey sequence.//0.073:290:58//AQ089514
- F-NT2RM1000725//Homo sapiens mRNA for neuropathy target esterase.//4.8e-65:435:85//AJ004832
- F-NT2RM1000741//Homo sapiens mRNA for KIAA0567 protein, partial cds.//8.0e-126:690:92//AB011139
- F-NT2RM1000742//Homo sapiens AC133 antigen mRNA, complete cds.//2.5e-66:524:83//AF027208
- 15 F-NT2RM1000746//Homo sapiens chromosome 21q22.3, PAC clones 314N7, 225L15, BAC clone 7B7, complete sequence bases 1.333303//0.92:395:58//AJ011930
- F-NT2RM1000770//Homo sapiens inosine monophosphate dehydrogenase type II gene, complete cds.//2.1e-70:407:92//L39210
- F-NT2RM1000772//Human Chromosome 3 pac pDJ01i1, WORKING DRAFT SEQUENCE, 2 unordered pieces.//6.6e-36:98:93//AC000380
- 20 F-NT2RM1000780//Human DNA for 5' terminal region of LINE-1 transposable element clone CGL1-4.//9.3e-22:126:99//X52233
- F-NT2RM1000781//Plasmodium falciparum 3D7 chromosome 12 PFYAC812 genomic sequence, WORKING DRAFT SEQUENCE, 8 unordered pieces.//7.1e-09:540:59//AC004153
- 25 F-NT2RM1000800//Mus musculus mRNA for B-IND1 protein.//4.0e-81:497:88//Z97207
- F-NT2RM1000802
- F-NT2RM1000811//Homo sapiens AC133 antigen mRNA, complete cds.//3.7e-63:490:84//AF027208
- F-NT2RM1000826//Homo sapiens clone 24514 unknown mRNA.//7.2e-153:749:96//AF070542
- F-NT2RM1000829//HS_3047_A1_A05_MF CIT Approved Human Genomic Sperm Library D Homo sapiens genomic clone Plate=3047 Col=9 Row=A, genomic survey sequence.//0.74:215:67//AQ099134
- 30 F-NT2RM1000833//Canis familiaris sec61 homologue mRNA, complete cds.//5.1e-114:683:88//M96629
- F-NT2RM1000850//F.rubripes GSS sequence, clone 163A22aF11, genomic survey sequence.//1.1e-26:279:74//AL018762
- F-NT2RM1000852//Homo sapiens mRNA for ATP-dependent RNA helicase, partial.//9.3e-148:726:97//AJ010840
- 35 F-NT2RM1000857//Rattus norvegicus gene for cytochrome P450/6 beta B, exon 2.//0.97:124:65//AB008378
- F-NT2RM1000867//H.sapiens DNA sequence surrounding NotI site, clone NRLA143D.//1.2e-31:172:98//K95834
- F-NT2RM1000874//Homo sapiens KE05 protein mRNA, complete cds.//2.8e-131:632:97//AF064605
- F-NT2RM1000882//Homo sapiens Chromosome 11q12.2 PAC clone pDJ519o13 containing human gene for ferritin heavy chain (FTH), complete sequence.//1.2e-98:214:99//AC004228
- 40 F-NT2RM1000883//Homo sapiens I-1 receptor candidate protein mRNA, complete cds.//2.7e-156:762:97//AF082516
- F-NT2RM1000885//Homo sapiens mRNA for KIAA0661 protein, complete cds.//2.0e-17:310:67//AB014561
- F-NT2RM1000894//Mus musculus second largest subunit of RNA polymerase I (RPA2) mRNA, complete cds.//3.2e-95:469:83//U58280
- 45 F-NT2RM1000898
- F-NT2RM1000905//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 466N1, WORKING DRAFT SEQUENCE.//1.8e-74:188:98//Z97630
- F-NT2RM1000924//Homo sapiens clone DJ0742P04, WORKING DRAFT SEQUENCE, 6 unordered pieces.//5.7e-148:601:98//AC004873
- 50 F-NT2RM1000927//Homo sapiens clone DJ0647C14, WORKING DRAFT SEQUENCE, 21 unordered pieces.//0.071:392:60//AC004846
- F-NT2RM1000962//H.sapiens CpG island DNA genomic, MseI fragment, clone 140d1, forward read cpg140d1.ft1a.//4.1e-35:187:99//Z56803
- F-NT2RM1000978//Homo sapiens Chromosome 15q22.3-23 PAC 88m3, WORKING DRAFT SEQUENCE, 2 ordered pieces.//1.1e-23:266:77//AC005959
- 55 F-NT2RM1001003//Homo sapiens alpha-catenin-like protein mRNA, complete cds.//4.0e-160:760:98//U97067
- F-NT2RM1001008//Kaposi's sarcoma-associated herpes-like virus ORF73 homolog gene, complete cds.//1.7e-11:602:61//U52064

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Figure 6.

QUENCE, 50 unordered pieces //1.3e-11:96:86//AC003656
 F-NT2RM2000322//Human DNA sequence from clone 612B18, on chromosome 1q24-25.3 Contains exon from
 gene similar to 40S ribosomal protein, first coding exon of dynamin 2 (DYNII). ESTs, STS, GSS, CpG Island,
 complete sequence //8.5e-115:233:97//AL031864
 5 F-NT2RM2000359//Homo sapiens mRNA for KIAA0560 protein, complete cds //8.8e-175:805:99//AB011132
 F-NT2RM2000363//RPC111-90B10.TJ RPC111 Homo sapiens genomic clone R-90B10, genomic survey se-
 quence //6.7e-15:96:98//AQ285300
 F-NT2RM2000368//Homo sapiens protein kinase C-binding protein RACK7 mRNA, partial cds //1.2e-94:599:86//
 U48251
 10 F-NT2RM2000371//RPC111-5714.TJ RPC111 Homo sapiens genomic clone R-5714, genomic survey sequence //
 1.1e-52:312:91//AQ083343
 F-NT2RM2000374//M. musculus nodal gene, a TGF-beta-like gene //6.7e-31:196:91//X70514
 F-NT2RM2000395//Leishmania major chromosome 1, complete sequence //0.99:345:58//AE001274
 F-NT2RM2000402//Arabidopsis thaliana BAC T19D16 genomic sequence //2.1e-23:414:63//U95973
 15 F-NT2RM2000407//Mus musculus semaphorin VIa mRNA, complete cds //1.4e-131:439:88//AF030430
 F-NT2RM2000420//HS_3063_B2_F11_MF CIT Approved Human Genomic Sperm Library D Homo sapiens ge-
 nomic clone Plate=3063 Col=22 Row=L, genomic survey sequence //3.2e-25:154:95//AQ103204
 F-NT2RM2000422//Rat orphan transporter v7-3 (NTT73) mRNA, complete cds //1.7e-128:782:86//L22022
 F-NT2RM2000452//HS_3009_B2_D05_MR CIT Approved Human Genomic Sperm Library D Homo sapiens ge-
 nomic clone Plate=3009 Col=10 Row=H, genomic survey sequence //1.2e-16:122:90//AQ130794
 20 F-NT2RM2000469//HS_2019_A1_G02_MR CIT Approved Human Genomic Sperm Library D Homo sapiens ge-
 nomic clone Plate=2019 Col=3 Row=M, genomic survey sequence //9.6e-22:176:85//AQ229041
 F-NT2RM2000490//Homo sapiens mRNA for KIAA0747 protein, partial cds //7.5e-15:386:63//AB018290
 F-NT2RM2000502
 25 F-NT2RM2000504//Homo sapiens metalloprotease 1 (MP1) mRNA, complete cds //5.1e-171:824:97//AF061243
 F-NT2RM2000522
 F-NT2RM2000540
 F-NT2RM2000556//Homo sapiens 12q13.1 PAC RPC15-1057120 (Roswell Park Cancer Institute Human PAC li-
 brary) complete sequence //2.9e-42:344:82//AC004466
 30 F-NT2RM2000566//Homo sapiens integrin alpha-7 mRNA, complete cds //2.8e-154:751:97//AF072132
 F-NT2RM2000567//Pseudomonas aeruginosa enoyl-CoA hydratase gene, partial cds; pilin biosynthetic protein
 (fimL) gene, complete cds; and unknown gene //3.0e-06:664:58//AF083252
 F-NT2RM2000569//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 862K6, WORKING
 DRAFT SEQUENCE //1.3e-15:348:67//AL031681
 35 F-NT2RM2000577//RPC111-43G22.TJ RPC111 Homo sapiens genomic clone R-43G22, genomic survey se-
 quence //1.6e-14:155:80//AQ199391
 F-NT2RM2000581//Homo sapiens mRNA for KIAA0214 protein, complete cds //5.4e-174:820:98//D86987
 F-NT2RM2000588//Homo sapiens 12q13.1 PAC RPC15-1057120 (Roswell Park Cancer Institute Human PAC li-
 brary) complete sequence //1.1e-60:344:82//AC004466
 40 F-NT2RM2000594//Mus musculus DNA cytosine-5 methyltransferase 3B1 (Dnmt3b) mRNA, alternatively spliced,
 complete cds //4.9e-118:761:85//AF068626
 F-NT2RM2000599//O.sativa osr40g3 gene //0.30:585:56//Y08988
 F-NT2RM2000609
 F-NT2RM2000612//Rattus norvegicus ADP-ribosylation factor-directed GTPase activating protein mRNA, com-
 plete cds //7.8e-102:709:83//U35776
 45 F-NT2RM2000623//Homo sapiens chromosome 19, cosmid F19847, complete sequence //3.4e-17:450:65//
 AC005952
 F-NT2RM2000624
 2.9e-06:231:64//Z82061
 50 F-NT2RM2000635//Homo sapiens mRNA for KIAA0729 protein, partial cds //6.3e-142:664:98//AB018272
 F-NT2RM2000636//Homo sapiens mRNA for KIAA0658 protein, partial cds //7.4e-138:664:98//AB014558
 F-NT2RM2000639//RPC111-69E5.TJ RPC111 Homo sapiens genomic clone R-69E5, genomic survey sequence //
 3.7e-14:97:97//AQ267491
 F-NT2RM2000649//Homo sapiens mRNA for KIAA0676 protein, partial cds //1.1e-167:518:99//AB014576
 55 F-NT2RM2000669
 F-NT2RM2000691//Homo sapiens chromosome 2 clone 101B6 map 2p11, complete sequence //1.1e-106:748:
 82//AC002038
 F-NT2RM2000714//Human mRNA for KIAA0231 gene, partial cds //6.8e-49:748:64//D86984

F-NT2RM2000718//Homo sapiens HRIHFB2436 mRNA, partial cds.//2.4e-124:594:98//AB015342
 F-NT2RM2000735//Human ZNF43 mRNA.//8.4e-111:756:82//X59244
 F-NT2RM2000740//Mus musculus lymphocyte specific helicase mRNA, complete cds.//1.3e-141:815:89//J25691
 F-NT2RM2000795//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 439F8, WORKING
 5 DRAFT SEQUENCE.//1.0e-78:723:76//AL021392
 F-NT2RM2000821//Rat mRNA for beta COP.//2.0e-150:879:88//X57228
 F-NT2RM2000837//Homo sapiens BAC clone GS214N13 from 7p14-p15, complete sequence.//1.1e-05:361:62//
 AC005017
 F-NT2RM2000951//Homo sapiens XYLB mRNA for xylulokinase, complete cds.//8.7e-184:847:99//AB015046
 10 F-NT2RM2000952
 F-NT2RM2000984//Mus musculus major histocompatibility locus class III regions Hsc70t gene, partial cds; sm-
 RNP, G7A, NG23, MutS homolog, CLCP, NG24, NG25, and NG26 genes, complete cds; and unknown genes.//
 7.6e-41:239:76//AF109905
 F-NT2RM2001004//CIT-HSP-2333N18.TR CIT-HSP Homo sapiens genomic clone 2333N18, genomic survey se-
 15 quence.//1.1e-11:298:66//AQ035862
 F-NT2RM2001035//Mus musculus mCAF1 protein mRNA, complete cds.//1.4e-120:627:91//J21855
 F-NT2RM2001065//Mus musculus COP9 complex subunit 4 (COPS4) mRNA, complete cds.//6.8e-118:690:88//
 AF071314
 F-NT2RM2001100//Homo sapiens clone DJ0742P04, WORKING DRAFT SEQUENCE, 6 unordered pieces.//2.3e-
 20 145:614:99//AC004873
 F-NT2RM2001105//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 50024, WORKING
 DRAFT SEQUENCE.//2.7e-95:461:99//AL034380
 F-NT2RM2001131//Kaposi's sarcoma-associated herpes-like virus ORF73 homolog gene, complete cds.//7.2e-
 24:726:62//U52064
 25 F-NT2RM2001141
 F-NT2RM2001152//Homo sapiens DNA sequence from PAC 93L7 on chromosome Xq21. Contains part of the
 CHM (TCD, REP1) gene coding for RAB Escort protein 1 (REP-1, RAB proteins geranylgeranyltransferase com-
 ponent A 1, Choroideraemia protein, Tapetochoroidal Dystrophy (TCD) protein). Contains ESTs and an STS, com-
 plete sequence.//0.98:300:62//AL022401
 30 F-NT2RM2001177//Homo sapiens clone NH0313P13, WORKING DRAFT SEQUENCE, 15 unordered pieces.//
 1.2e-147:741:96//AC005488
 F-NT2RM2001194//Suid herpesvirus 1 UL5 gene, partial cds, UL6 and UL7 genes, complete cds, UL8 gene, partial
 cds.//0.026:408:59//U66829
 F-NT2RM2001196//Homo sapiens clone DJ1173I20, WORKING DRAFT SEQUENCE, 5 unordered pieces.//2.2e-
 35 135:627:98//AC004987
 F-NT2RM2001201//Mus musculus clone OST431, genomic survey sequence.//6.1e-80:503:86//AF046700
 F-NT2RM2001221//Chimpanzee (P.paniscus) involucrin, complete cds.//0.53:670:55//M26514
 F-NT2RM2001238//Rat glutaminase mRNA, complete cds.//3.4e-128:719:90//M65150
 F-NT2RM2001243
 40 F-NT2RM2001247//CITBI-E1-2521M18.TR CITBI-E1 Homo sapiens genomic clone 2521M18, genomic survey
 sequence.//0.0011:274:59//AQ276184
 F-NT2RM2001256//M.musculus mRNA for 200 kD protein.//2.3e-129:742:90//X80169
 F-NT2RM2001291//CIT-HSP-2010I15.TR CIT-HSP Homo sapiens genomic clone 2010I15, genomic survey se-
 quence.//4.6e-09:156:72//B57734
 45 F-NT2RM2001306//RPCI11-28I5.TP RPCI-11 Homo sapiens genomic clone RPCI-11-28I5, genomic survey se-
 quence.//0.069:234:64//B84850
 F-NT2RM2001312//Homo sapiens chromosome 17, clone hRPK.142_H_19, complete sequence.//1.1e-22:111:
 81//AC005919
 F-NT2RM2001319//Borrelia burgdorferi (section 4 of 70) of the complete genome.//0.99:340:58//AE001118
 50 F-NT2RM2001324//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 209H1, WORKING
 DRAFT SEQUENCE.//3.7e-44:340:85//Z84465
 F-NT2RM2001345//HS_3005_A1_A02_MR CIT Approved Human Genomic Sperm Library D Homo sapiens ge-
 nomic clone Plate=3005 Col=3 Row=A, genomic survey sequence.//0.042:290:58//AQ089514
 F-NT2RM2001360//Human HeLa mRNA isolated as a false positive in a two-hybrid-screen.//5.0e-60:365:87//
 55 U56429
 F-NT2RM2001370//Homo sapiens PAC clone DJ0815D20 from 7p11-p13, complete sequence.//0.98:415:58//
 AC004899
 F-NT2RM2001393//Homo sapiens Chromosome 22q11.2 PAC Clone p_m11 In BCRL2-GGT Region, complete

sequence.//4.0e-54:394:75//AC004033

F-NT2RM2001420//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 349A12, WORKING DRAFT SEQUENCE.//2.8e-169:789:99//AL033520

F-NT2RM2001424//Homo sapiens mRNA for E1B-55kDa-associated protein.//7.1e-96:453:99//AJ007509

F-NT2RM2001499//Rattus norvegicus mRNA for cationic amino acid transporter 3, complete cds.//7.1e-91:601:83//AB000113

F-NT2RM2001504//Homo sapiens chromosome 19, cosmid R30017, complete sequence.//0.81:200:69//AC005624

F-NT2RM2001524//Arabidopsis thaliana DNA chromosome 4, ESSA I AP2 contig fragment No. 2.//3.8e-16:316:65//Z99708

F-NT2RM2001544

F-NT2RM2001547//Caenorhabditis elegans cosmid Y47H9C, complete sequence.//3.3e-24:318:67//AL032657

F-NT2RM2001575//Human 52-kD ribonucleoprotein Ro/SSA mRNA, complete cds.//2.1e-26:582:64//M34551

F-NT2RM2001582//M.musculus red-1 gene.//1.4e-102:581:90//X92750

F-NT2RM2001588//Homo sapiens KIAA0442 mRNA, partial cds.//7.0e-10:282:65//AB007902

F-NT2RM2001592//Rattus norvegicus rexo70 mRNA, complete cds.//9.6e-131:736:90//AF032667

F-NT2RM2001605//RBP2=retinoblastoma binding protein 2 [human, Nalm-6 pre-B cell leukemia, mRNA, 6455 nt].//2.3e-85:749:75//S66431

F-NT2RM2001613//Rattus rattus sec61 homologue mRNA, complete cds.//8.6e-118:779:85//M96630

F-NT2RM2001632//Homo sapiens PAC clone DJ0740D02 from 7p14-p15, complete sequence.//1.5e-50:561:71//AC004691

F-NT2RM2001635//Homo sapiens mRNA for KIAA0618 protein, complete cds.//9.2e-153:740:98//AB014518

F-NT2RM2001637//F.rubripes GSS sequence, clone 155D22bD8, genomic survey sequence.//2.5e-13:224:64//Z91020

F-NT2RM2001641//CIT-HSP-2347F23.TF CIT-HSP Homo sapiens genomic clone 2347F23, genomic survey sequence.//1.3e-67:340:98//AQ060913

F-NT2RM2001648//Canis familiaris sec61 homologue mRNA, complete cds.//1.4e-110:459:89//M96629

F-NT2RM2001652//Bos taurus guanine nucleotide-exchange protein (ARF-GEP1) mRNA, complete cds.//1.2e-153:807:93//AF023451

F-NT2RM2001659//nxb0002cE07f CUGI Rice BAC Library Oryza sativa genomic clone nxb0002J13f, genomic survey sequence.//1.0:485:56//AQ051653

F-NT2RM2001664//Homo sapiens IkappaB kinase complex associated protein (IKAP) mRNA, complete cds.//3.7e-172:802:99//AF044195

F-NT2RM2001668

F-NT2RM2001670//Homo sapiens complete genomic sequence between D16S3070 and D16S3275, containing Familial Mediterranean Fever gene disease.//3.2e-18:279:70//AJ003147

F-NT2RM2001671//Oryctolagus cuniculus sarcolemmal associated protein-3 mRNA; complete cds.//1.6e-137:683:94//U21157

F-NT2RM2001675//RPCI11-51J16.TJ RPCI11 Homo sapiens genomic clone R-51J16, genomic survey sequence.//1.0:394:58//AQ053677

F-NT2RM2001681//Arabidopsis thaliana DNA chromosome 4, BAC clone T8O5 (ESSAII project).//0.87:220:61//AL021890

F-NT2RM2001688//B.parapertussis bvg locus (transcription regulators of virulence factors) with bvgA and bvgS genes.//1.0:286:62//X52948

F-NT2RM2001695//CIT-HSP-345H13.TVB CIT-HSP Homo sapiens genomic clone 345H13, genomic survey sequence.//3.2e-53:241:82//B59854

F-NT2RM2001696//Mouse DNA with homology to EBV IR3 repeat, segment 2, clone Mu2.//1.2e-05:306:58//M10668

F-NT2RM2001698//Homo sapiens DNA sequence from PAC 163M9 on chromosome 1p35.1-p36.21. Contains protein synthesis factor (eIF-4C), D1F15S1A pseudogene, ESTs, S.T.S., GSS, complete sequence.//6.0e-06:548:59//AL021920

F-NT2RM2001699//HS_3195_8B2_DO1_T7 CIT Approved Human Genomic Sperm Library D Homo sapiens genomic clone Plate=3195 Col=2 Row=H, genomic survey sequence.//2.7e-07:322:61//AQ189056

F-NT2RM2001700//Mycobacterium tuberculosis H37Rv complete genome; segment 109/162.//7.8e-05:354:58//Z95556

F-NT2RM2001706//Homo sapiens chromosome Xp22-67-68, WORKING DRAFT SEQUENCE, 99 unordered pieces.//7.5e-42:335:81//AC004469

F-NT2RM2001716

- F-NT2RM2001718//Drosophila melanogaster DNA sequence (P1-DS04106 (D172)), complete sequence//4.2e-08:536:58//AC004290
- F-NT2RM2001723//Homo sapiens clone 23770 mRNA sequence//1.4e-26:163:95//AF052123
- F-NT2RM2001727//Homo sapiens mRNA for KIAA0462 protein, partial cds//6.2e-111:530:98//AB007931
- 5 F-NT2RM2001730//Homo sapiens chromosome 21 PAC RPCIP704E14135Q2//3.1e-102:248:95//AJ010598
- F-NT2RM2001743
- F-NT2RM2001753//Caenorhabditis elegans cosmid F45E6, complete sequence//0.11:138:66//Z68117
- F-NT2RM2001760//Canis familiaris sec61 homologue mRNA, complete cds//9.4e100:418:88//M96629
- F-NT2RM2001768//HS_3064_B2_A04_MF CIT Approved Human Genomic Sperm Library D Homo sapiens ge-
- 10 nomic clone Plate=3064 Col=8 Row=B, genomic survey sequence//3.1e-28:153:100//AQ136993
- F-NT2RM2001771//Homo sapiens chromosome 19, BAC CIT-B-393i15 (BC301323), complete sequence//1.3e-66:680:72//AC006116
- F-NT2RM2001782
- F-NT2RM2001784//Bovine herpesvirus type 1 (Cooper) DNA (30 kb)//0.027:384:60//Z48053
- 15 F-NT2RM2001785//Homo sapiens chromosome 11, BAC CIT-HSP-311e8 (BC269730) containing the hFEN1 gene, complete sequence//1.6e-18:229:65//AC004770
- F-NT2RM2001797//HS_3045_AT_D01_MF CIT Approved Human Genomic Sperm Library D Homo sapiens ge-
- nomic clone Plate=3045 Col=1 Row=G, genomic survey sequence//1.4e-74:381:97//AQ129456
- F-NT2RM2001800
- 20 F-NT2RM2001803//Homo sapiens IkappaB kinase complex associated protein (IKAP) mRNA, complete cds//8.3e-178:827:99//AF044195
- F-NT2RM2001805//Malus domestica leucine-rich receptor-like protein kinase (LRPKm1) gene, 5' flanking region and 5' UTR//1.0:290:58//AF053126
- F-NT2RM2001813//CIT-HSP-2169F21.TR CIT-HSP Homo sapiens genomic clone 2169F21, genomic survey se-
- 25 quence//3.3e-16:109:95//B89870
- F-NT2RM2001823//Drosophila melanogaster DNA sequence (P1-DS07049 (D133)), complete sequence//5.8e-62:819:68//AC004274
- F-NT2RM2001839//Homo sapiens calumein (Calu) mRNA, complete cds//3.6e-131:738:90//AF013759
- F-NT2RM2001840//Homo sapiens chromosome 17, clone 297N7, complete sequence//1.1e-57:422:79//
- 30 AC002347
- F-NT2RM2001855//HS_3224_A1_H07_MR CIT Approved Human Genomic Sperm Library D Homo sapiens ge-
- nomic clone Plate=3224 Col=13 Row=O, genomic survey sequence//0.00012:68:91//AQ205285
- F-NT2RM2001867//Human DNA sequence from clone 889N15 on chromosome Xq22.1-22.3. Contains part of the
- 35 gene for a novel protein similar to X. laevis Cortical Thymocyte Marker CTX, the possibly alternatively spliced gene for 26S Proteasome subunit p28 (Ankyrin repeat protein), a novel gene and exons 36 through 45 of the COL4A6 for Collagen Alpha 6(IV). Contains ESTs, STSs, GSSs and a putative CpG island, complete sequence//0.068:102:70//AL031177
- F-NT2RM2001879//Human DNA sequence from cosmid cU72E5, between markers DXS366 and DXS87 on chro-
- 40 mosome X//0.0029:500:59//Z68328
- F-NT2RM2001886//Homo sapiens mRNA for KIAA0710 protein, complete cds//1.9e-187:866:97//AB014610
- F-NT2RM2001896//S.cerevisiae chromosome III complete DNA sequence//8.6e-30:613:63//X59720
- F-NT2RM2001903//Homo sapiens mRNA for KIAA0462 protein, partial cds//2.9e-176:859:97//AB007931
- F-NT2RM2001930//M.musculus mRNA for semaphorin G//4.7e-117:730:85//X97818
- F-NT2RM2001935//Sequence 11 from Patent WO9610637//1.0:356:60//A50028
- 45 F-NT2RM2001936//Homo sapiens clone 614 unknown mRNA, complete sequence//6.9e-138:653:98//AF091080
- F-NT2RM2001950//RPCI11-24L12.TP RPCI-11 Homo sapiens genomic clone RPCI-11-24L12, genomic survey sequence//2.7e-19:188:81//B86700
- F-NT2RM2001982//Arabidopsis thaliana chromosome II BAC T24I21 genomic sequence, complete sequence//0.42:179:65//AC005825
- 50 F-NT2RM2001983//Homo sapiens RGS-GAIP interacting protein, GIPC mRNA, complete cds//3.8e-20:123:98//AF089816
- F-NT2RM2001989//Sequence 3 from patent US 5747317//1.9e-167:786:98//AR004981
- F-NT2RM2001997//Human HepG2 partial cDNA, clone hmd1b08m5//9.6e-25:160:95//D16955
- F-NT2RM2001998//Homo sapiens DNA, chromosome 21q22.2, PAC clone 25P16 complete sequence, encoding
- 55 carbonyl reductase and carbonyl reductase 3 (complete cds)//0.88:380:60//AB003151
- F-NT2RM2002004//Human Chromosome X, complete sequence//5.0e-88:831:77//AC002407
- F-NT2RM2002014
- F-NT2RM2002030//Mus musculus glutamine:fructose-6-phosphate amidotransferase mRNA, complete cds//

1.5e-89:822:74//U00932
 F-NT2RM2002049//Bovine elastin mRNA, partial cds.//8.8e-11:125:81//M26132
 F-NT2RM2002055
 5 F-NT2RM2002088//Mus musculus WW domain binding protein 17 mRNA, partial sequence.//1.4e-15:421:63//
 AF073936
 F-NT2RM2002091//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 50Q24, WORKING
 DRAFT SEQUENCE.//4.6e-160:771:98//AL034380
 F-NT2RM2002100//Homo sapiens mRNA for ATP-dependent RNA helicase, partial.//7.7e-164:776:98//AJ010840
 10 F-NT2RM2002109//Homo sapiens glioma amplified on chromosome 1 protein (GAC1) mRNA, complete cds.//
 2.4e-143:684:98//AF030435
 F-NT2RM2002128//Mesocricetus auratus guanine nucleotide-binding protein beta 5 (Gnb5) mRNA, complete
 cds.//7.0e-27:330:73//U13152
 F-NT2RM2002142//Danio rerio gastrulation specific (G12) mRNA, complete cds.//6.3e-10:135:80//U27121
 15 F-NT2RM2002145//Homo sapiens erythroblast macrophage protein EMP mRNA, complete cds.//4.2e-143:800:
 92//AF084928
 F-NT2RM2002178//Homo sapiens mRNA for KIAA0467 protein, partial cds.//5.2e-164:787:97//AB007936
 F-NT2RM2002580//Drosophila melanogaster DNA sequence (P1 DS02110 (D147)), complete sequence.//7.4e-
 13:337:62//AC004423
 20 F-NT2RM4000024//D.melanogaster DmRP128 gene for RNA polymerase III second-largest subunit.//1.2e-62:
 801:70//X58826
 F-NT2RM4000027//Caenorhabditis elegans cosmid F09E5.//0.36:336:60//U37429
 F-NT2RM4000030//H.sapiens CpG island DNA genomic MseI fragment, clone 56h10, forward read
 cpg56h10.ft1a.//9.3e-22:127:100//Z55685
 F-NT2RM4000046//Curcubita maxima 25S - 18S rDNA intergenic spacer.//4.1e-05:386:60//X13059
 25 F-NT2RM4000061
 F-NT2RM4000085//B.taurus mRNA for nuclear DNA helicase.II.//1.9e-10:485:59//X82829
 F-NT2RM4000086
 F-NT2RM4000104//Homo sapiens chromosome 16 zinc finger protein ZNF210 (ZNF210) mRNA, complete cds.//
 4.2e-23:345:69//AF060865
 30 F-NT2RM4000139//R.norvegicus trg mRNA.//1.4e-56:708:69//X68101
 F-NT2RM4000155//CIT-HSP-2282N15.TR CIT-HSP Homo sapiens genomic clone 2282N15, genomic survey se-
 quence.//3.0e-09:88:90//AQ000070
 F-NT2RM4000156//H.sapiens HPBRII-7 gene.//2.0e-21:586:60//X67336
 F-NT2RM4000167//Mouse kif4 mRNA for microtubule-based motor protein KIF4, complete cds.//2.7e-143:810:
 35 90//D12646
 F-NT2RM4000169//Plasmodium falciparum 3D7 chromosome 12 PFYAC293 genomic sequence, WORKING
 DRAFT SEQUENCE, 9 unordered pieces.//0.0054:746:57//AC004157
 F-NT2RM4000191//Mus musculus cathepsin S (CatS) gene, promoter region and exons 1 and 2.//0.00018:468:
 60//AF051726
 40 F-NT2RM4000197
 F-NT2RM4000199//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 620E11, WORKING
 DRAFT SEQUENCE.//0.67:461:60//AL031667
 F-NT2RM4000200
 F-NT2RM4000202//H.sapiens CpG island DNA genomic MseI fragment, clone 34c2, forward read cpg34c2.ft1a.//
 45 1.7e-27:190:90//Z65361
 F-NT2RM4000210//Homo sapiens mRNA for KIAA0712 protein, complete cds.//1.4e-182:856:98//AB018255
 F-NT2RM4000215//S.cerevisiae MAK16 protein gene, complete cds, and LTE1 protein gene, 3' end.//3.1e-31:731:
 62//J03852
 F-NT2RM4000229//Homo sapiens chromosome 10 clone CIT987SK-1144G6 map 10q25.1, complete sequence.//
 50 4.6e-102:233:94//AC005383
 F-NT2RM4000233//Mus musculus semaphorin VIa mRNA, complete cds.//1.6e-135:835:86//AF030430
 F-NT2RM4000244//RPCI11-24P15.TV RPCI-11 Homo sapiens genomic clone RPCI-11-24P15, genomic survey
 sequence.//5.5e-08:422:62//B86757
 F-NT2RM4000251//Mus musculus clone UWGC:mbac92 from 14D1-D2 (T-Cell Receptor Alpha Locus), complete
 55 sequence.//0.98:207:60//AC005855
 F-NT2RM4000265//Homo sapiens Chromosome 11q12.2 PAC clone pDJ1081b4 containing human mRNA for T-
 cell glycoprotein CD6, complete sequence.//5.2e-41:707:65//AC003689
 F-NT2RM4000290//Human transducin-like enhancer protein (TLE3) mRNA, complete cds.//7.9e-153:609:93//

- M99438
 F-NT2RM4000324
 F-NT2RM4000327//Rattus norvegicus guanine nucleotide binding protein beta 4 subunit mRNA, partial cds.//3.9e-44:727:68//AF022085
- 5 F-NT2RM4000344//Mus musculus ATP-dependent metalloprotease FtsH1 mRNA, complete cds.//1.0e-143:801:90//AF090430
 F-NT2RM4000349//Mus musculus clone OST431, genomic survey sequence.//6.1e-80:503:86//AF046700
 F-NT2RM4000354//HS_2221_A2_C07_MF CIT Approved Human Genomic Sperm Library D Homo sapiens genomic clone Plate=2221 Col=14 Row=E, genomic survey sequence.//1.0e-20:180:83//AQ253449
- 10 F-NT2RM4000356
 F-NT2RM4000366//Homo sapiens mRNA for KIAA0642 protein, partial cds.//1.6e-133:628:99//AB014542
 F-NT2RM4000368//RPC111-91B5.TJ RPC111 Homo sapiens genomic clone R-91B5, genomic survey sequence.//5.0e-12:431:61//AQ283217
 F-NT2RM4000386//Mus musculus DOC4 (Doc4) mRNA, complete cds.//7.4e-86:845:72//AF059485
- 15 F-NT2RM4000395//Saccharomyces cerevisiae chromosome VI cosmid 9965.//2.5e-34:767:61//D44597
 F-NT2RM4000414//Homo sapiens XYLB mRNA for xylulokinase, complete cds.//1.5e-15:114:94//AB015046
 F-NT2RM4000421
 F-NT2RM4000425//Homo sapiens chromosome 17, clone hRPK:294_U_22, complete sequence.//1.5e-37:295:82//AC005921
- 20 F-NT2RM4000433//Mus musculus retinoic acid-responsive protein (Stra6) mRNA, complete cds.//3.9e-94:740:78//AF062476
 F-NT2RM4000457//CIT-HSP-2346B17.TR CIT-HSP Homo sapiens genomic clone 2346B17, genomic survey sequence.//1.5e-22:149:92//AQ062111
 F-NT2RM4000471//Homo sapiens mRNA for putative tRNA splicing protein, partial.//1.3e-76:386:97//AJ010952
- 25 F-NT2RM4000486//Homo sapiens mRNA, complete cds, clone: RES4-22A, //1.1e-22:356:67//AB000459
 F-NT2RM4000496//Homo sapiens 12p13.3 BAC RPC111-476M19 (Roswell Park Cancer Institute Human BAC Library) complete sequence.//0.53:198:70//AC005908
 F-NT2RM4000511
 F-NT2RM4000514
- 30 F-NT2RM4000515//CIT-HSP-2285L3.TR CIT-HSP Homo sapiens genomic clone 2285L3, genomic survey sequence.//0.0012:200:66//AQ000113
 F-NT2RM4000520
 F-NT2RM4000531//Human zinc finger protein 42 (MZF-1) mRNA, complete cds.//2.9e-31:732:64//M58297
 F-NT2RM4000532//HS_3231_B1_C05_T7 CIT Approved Human Genomic Sperm Library D Homo sapiens genomic clone Plate=3231 Col=9 Row=F, genomic survey sequence.//1.3e-59:362:90//AQ192093
- 35 F-NT2RM4000534
 F-NT2RM4000585//CITBI-E1-2508I18.TR CITBI-E1 Homo sapiens genomic clone 2508I18, genomic survey sequence.//1.1e-34:208:93//AQ260706
 F-NT2RM4000590//CIT-HSP-2291M14.TF CIT-HSP Homo sapiens genomic clone 2291M14, genomic survey sequence.//8.3e-34:180:99//AQ004125
- 40 F-NT2RM4000595//Homo sapiens chromosome 17, clone hCIT:131_K_11, complete sequence.//1.2e-09:203:66//AC005288
 F-NT2RM4000603//Human mRNA for KIAA0392 gene, partial cds.//5.3e-14:305:68//AB002390
 F-NT2RM4000611//CIT-HSP-2169F21.TR CIT-HSP Homo sapiens genomic clone 2169F21, genomic survey sequence.//8.4e-16:109:94//B89870
- 45 F-NT2RM4000616//D.melanogaster mRNA for acetyl-CoA synthetase.//2.3e-59:721:68//Z46786
 F-NT2RM4000674
 F-NT2RM4000689//CIT-HSP-2381O13.TF CIT-HSP Homo sapiens genomic clone 2381O13, genomic survey sequence.//2.6e-31:174:97//AQ110303
- 50 F-NT2RM4000698
 F-NT2RM4000700
 F-NT2RM4000712//Homo sapiens ubiquitin hydrolyzing enzyme I (UBH1) mRNA, partial cds.//1.1e-89:744:77//AF022789
 F-NT2RM4000717
- 55 F-NT2RM4000733//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 423B22, WORKING DRAFT SEQUENCE.//2.1e-140:299:99//AL034379
 F-NT2RM4000734//Homo sapiens mRNA for KIAA0760 protein, partial cds.//3.8e-158:743:98//AB018303
 F-NT2RM4000741

- F-NT2RM4000751//Human zinc finger protein 20 (ZNF20) pentanucleotide repeat polymorphism.//7.1e-95:754:77//M99593
- F-NT2RM4000764
- 5 F-NT2RM4000778//Caenorhabditis elegans cosmid F36H12.//0.30:523:60//AF078790
- F-NT2RM4000779//Homo sapiens mRNA for KIAA0451 protein, complete cds.//5.5e-172:810:98//AB007920
- F-NT2RM4000787//Human DNA sequence from PAC 370M22 on chromosome 22q12-qter. contains GRB2 ADAPTOR LIKE PROTEIN, UBIQUINOL-CYTOCHROME C REDUCTASE IRON-SULFUR SUBUNIT PRECURSOR (UQCFS1) exon, ESTs, STS, CA repeat and CpG island.//0.0057:163:69//Z82206
- 10 F-NT2RM4000790//Homo sapiens chromosome 19, cosmid R27216, complete sequence.//6.9e-39:237:94//AC005306
- F-NT2RM4000795//Rattus norvegicus neuroligin 3 mRNA, complete cds.//5.9e-97:857:74//U41663
- F-NT2RM4000796//HS_3214_B1_F11_T7 CIT Approved Human Genomic Sperm Library D Homo sapiens genomic clone Plate=3214 Col=21 Row=L, genomic survey sequence.//1.1e-14:254:68//AQ175988
- 15 F-NT2RM4000798//Bos taurus guanine nucleotide-exchange protein (ARF-GEP1) mRNA, complete cds.//6.2e-78:816:72//AF023451
- F-NT2RM4000813//Leishmania major glycoprotein 96-92 (GP 96-92) gene, partial cds.//0.33:276:63//M63109
- F-NT2RM4000820//, complete sequence.//2.6e-142:450:97//AC005406
- F-NT2RM4000833//Drosophila melanogaster DNA sequence (P1 DS05273 (D80)), complete sequence.//1.9e-52:501:71//AC004373
- 20 F-NT2RM4000848//Homo sapiens chromosome 17, clone hRPK.167_N_20, complete sequence.//1.0:477:56//AC005940
- F-NT2RM4000852
- F-NT2RM4000855//Homo sapiens chromosome 17, clone hCIT457_L_16, complete sequence.//3.4e-29:229:83//AC003957
- 25 F-NT2RM4000887
- F-NT2RM4000895//Homo sapiens HuUAP1 mRNA for UDP-N-acetylglucosamine pyrophosphorylase, complete cds.//2.1e-20:407:64//AB011004
- F-NT2RM4000950//Homo sapiens clone DJ0917G04, WORKING DRAFT SEQUENCE, 35 unordered pieces.//0.41:311:64//AC004929
- 30 F-NT2RM4000971//RPC11-53H3.TJ RPC11 Homo sapiens genomic clone R-53H3, genomic survey sequence.//1.0:208:64//AQ053735
- F-NT2RM4000979//Homo sapiens chromosome 17, clone hRPK.642_C_21, complete sequence.//1.3e-19:207:78//AC005245
- F-NT2RM4000996//CITBI-E1-2506B10.TF CITBI-E1 Homo sapiens genomic clone 2506B10, genomic survey sequence.//1.4e-73:361:98//AQ263651
- 35 F-NT2RM4001002//Homo sapiens mRNA for KIAA0729 protein, partial cds.//5.1e-170:803:98//AB018272
- F-NT2RM4001016//Homo sapiens mRNA for KIAA0639 protein, partial cds.//3.3e-125:584:99//AB014539
- F-NT2RM4001032//Gallus gallus chicken brain factor-2 (CBF-2) mRNA, complete cds.//0.00034:777:58//U47276
- F-NT2RM4001047//MO25 gene [mice, embryos, mRNA, 2322 nt.//2.5e-92:776:74//S51858
- 40 F-NT2RM4001054//Canis familiaris sec61 homologue mRNA, complete cds.//3.1e-102:859:76//M96629
- F-NT2RM4001084//CIT-HSP-2330F9.TR CIT-HSP Homo sapiens genomic clone 2330F9, genomic survey sequence.//4.6e-78:379:99//AQ044479
- F-NT2RM4001092//cSRL-71b1-u cSRL flow sorted Chromosome 11 specific cosmid Homosapiens genomic clone cSRL-71b1, genomic survey sequence.//1.1e-12:152:75//B05776
- 45 F-NT2RM4001116
- F-NT2RM4001140//Homo sapiens PAC clone DJ0964C11 from 7p14-p15, complete sequence.//1.9e-136:717:93//AC004593
- F-NT2RM4001151//Streptomyces antibioticus ATP-binding protein and membrane protein (oleC-ORF1, oleC-ORF2, oleC-ORF3, oleC-ORF4, and oleC-PRF5) genes, complete cds; 3427 base-pairs.//0.0083:368:60//L06249
- 50 F-NT2RM4001155//Bos taurus 50 kDa protein (adp50) mRNA, complete cds.//3.9e-120:764:85//U04706
- F-NT2RM4001160
- F-NT2RM4001187
- F-NT2RM4001191//CIT-HSP-2010E7.TF CIT-HSP Homo sapiens genomic clone 2010E7, genomic survey sequence.//6.2e-12:181:72//B53378
- 55 F-NT2RM4001200//H.sapiens HZF10 mRNA for zinc finger protein.//1.3e-66:799:69//X78933
- F-NT2RM4001203//Homo sapiens rab3-GAP regulatory domain mRNA, complete cds.//4.2e-152:707:99//AF004828
- F-NT2RM4001204

EP 1 074 617 A2

F-NT2RM4001217//Homo sapiens ectoderm-neural cortex-1 protein (ENC-1) mRNA, complete cds.//1.6e-62:715:70//AF005381

F-NT2RM4001256//Human NotI linking clone 924A058R, genomic survey sequence.//7.6e-14:109:90//U49884

5 F-NT2RM4001258//HS_3171_B2_G09_T7 CIT Approved Human Genomic Sperm Library D Homo sapiens genomic clone Plate=3171 Col=18 Row=N, genomic survey sequence.//2.5e-18:215:77//AQ149676

F-NT2RM4001309//Human DNA sequence from clone 551E13 on chromosome Xp11.2-11.3 Contains farnesyl pyrophosphate synthetase pseudogene, VT4 protein pseudogene, EST, GSS, complete sequence.//4.9e-28:526:66//AL022163

10 F-NT2RM4001313//H.sapiens mRNA for phosphatidylinositol 3-kinase.//2.5e-77:474:89//Z46973

F-NT2RM4001316//Caenorhabditis elegans cosmid K09H11.//1.2e-16:230:73//U97002

F-NT2RM4001320//Homo sapiens mRNA for Neuroblastoma, complete cds.//1.1e-41:642:66//D89016

F-NT2RM4001340//EP(3)0614 Drosophila melanogaster EP line Drosophila melanogaster genomic Sequence recovered from 5' end of P element, genomic survey sequence.//0.0040:141:68//AQ025127

15 F-NT2RM4001344//Caenorhabditis elegans DNA *** SEQUENCING IN PROGRESS *** from clone Y1E3, WORKING DRAFT SEQUENCE.//5.5e-06:469:60//AL021388

F-NT2RM4001347

F-NT2RM4001371//Arabidopsis thaliana chromosome II BAC T20K9 genomic sequence, complete sequence.//0.10:400:61//AC004786

20 F-NT2RM4001382//Homo sapiens RanBP7/importin 7 mRNA, complete cds.//2.2e-167:790:98//AF098799

F-NT2RM4001384//Homo sapiens DNA sequence from BAC 747E2 on chromosome 22q12.1. Contains ESTs, STSs and GSSs and genomic marker D22S56, complete sequence.//0.99:255:59//AL021393

F-NT2RM4001410//Homo sapiens genomic DNA, chromosome 21q11.1, segment 1/5, WORKING DRAFT SEQUENCE.//0.027:336:58//AP000023

25 F-NT2RM4001411//Mus musculus Pro-rich, PH, SH2 domain-containing signaling mediator (PSM) mRNA, complete cds.//5.9e-124:783:85//AF020526

F-NT2RM4001412//Rattus norvegicus GTPase activating protein SynGAP-c mRNA, complete cds.//2.2e-34:418:71//AF050183

F-NT2RM4001414//Homo sapiens full-length insert cDNA clone ZE16C11.//9.1e-76:363:100//AF086563

30 F-NT2RM4001437//Homo sapiens chromosome 5, BAC clone 313n8 (LBNL H146), complete sequence.//2.0e-47:623:69//AC004226

F-NT2RM4001444//Streptococcus pneumoniae penicillin-binding protein 2b (pbp2b), RecM (recM), D-Ala-D-Ala ligase (ddl), D-Ala-D-Ala adding enzyme (murF), MutT (mutT), cell division protein FtsA (ftsA), cell division protein FtsZ (ftsZ), YlmE (ylmE), YlmF (ylmF), YlmG (ylmG), YlmH (ylmH), cell division protein DivIVA (divIVA), and isoleucine-tRNA synthetase (ileS) genes, complete cds; and unknown gene.//3.6e-09:566:58//AF068901

35 F-NT2RM4001454

F-NT2RM4001455

F-NT2RM4001483//Human zinc finger protein ZNF136.//3.2e-36:329:78//U09367

F-NT2RM4001489//Homo sapiens mRNA for KIAA0685 protein, complete cds.//1.2e-155:724:99//AB014585

40 F-NT2RM4001519//Plasmodium falciparum 3D7 chromosome 12 PFYAC69 genomic sequence, WORKING DRAFT SEQUENCE, 4 unordered pieces.//0.00019:418:59//AC004688

F-NT2RM4001522//Human HepG2 3' region Mbol cDNA, clone hmd6a08m3.//1.4e-16:130:88//D17274

F-NT2RM4001557

F-NT2RM4001565

F-NT2RM4001566

45 F-NT2RM4001569//HS_2050_B1_C08_MR CIT Approved Human Genomic Sperm Library D Homo sapiens genomic clone Plate=2050 Col=15 Row=F, genomic survey sequence.//2.7e-09:109:84//AQ234720

F-NT2RM4001582//Mus musculus COP9 complex subunit 7b (COPS7b) mRNA, complete cds.//1.2e-127:740:89//AF071317

F-NT2RM4001592//M.musculus mRNA of enhancer-trap-locus-1.//7.3e-117:710:88//X69942

50 F-NT2RM4001594//Homo sapiens chromosome 9q34, clone 107G20, WORKING DRAFT SEQUENCE, 2 ordered pieces.//0.34:388:59//AC002355

F-NT2RM4001597//M.musculus red-1 gene.//6.2e-139:788:90//X92750

F-NT2RM4001605//Homo sapiens mRNA for KIAA0791 protein, complete cds.//3.3e-162:750:99//AB018334

55 F-NT2RM4001611//Synechocystis sp. PCC6803 complete genome, 12/27, 1430419-1576592.//2.5e-05:490:58//D90910

F-NT2RM4001629//Mus musculus palmytoylated protein p55 mRNA, complete cds.//0.65:186:64//U38196

F-NT2RM4001650//*** SEQUENCING IN PROGRESS *** Homo sapiens chromosome 4, BAC clone C0435P12; HTGS phase 1, WORKING DRAFT SEQUENCE, 10 unordered pieces.//0.99:422:59//AC004689

F-NT2RM4001662//Human mRNA for KIAA0322 gene, partial cds.//2.6e-81:449:93//AB002320
 F-NT2RM4001666
 F-NT2RM4001682//Mus musculus clone OST9187, genomic survey sequence.//3.2e-35:240:87//AF046699
 F-NT2RM4001710//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 126A5, WORKING
 5 DRAFT SEQUENCE.//1.9e-151:564:97//AL031447
 F-NT2RM4001714//Human mRNA for KIAA0202 gene, partial cds.//7.0e-85:748:74//D86957
 F-NT2RM4001715//Human DNA sequence from clone 931K24 on chromosome 20p12 Contains ESTs and GSSs,
 complete sequence.//1.2e-91:488:94//AL034430
 F-NT2RM4001731//Orang-utan in volucrin gene, complete cds.//0.40:530:59//M25312
 10 F-NT2RM4001741//Mouse mRNA for talin.//1.1e-129:737:90//X56123
 F-NT2RM4001746//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 316G12, WORKING
 DRAFT SEQUENCE.//2.3e-49:320:89//AL031709
 F-NT2RM4001754//Homo sapiens 12p13.3 PAC RPCI5-1180D12 (Roswell Park Cancer Institute Human PAC Li-
 brary) complete sequence.//6.3e-64:379:76//AC005831
 15 F-NT2RM4001758//R.norvegicus mRNA for serine/threonine kinase MARK1.//3.7e-146:871:87//Z83868
 F-NT2RM4001776//Homo sapiens mRNA for KIAA0727 protein, partial cds.//2.3e-173:803:99//AB018270
 F-NT2RM4001783//Homo sapiens clone DJ0981007, complete sequence.//2.0e-165:593:99//AC006017
 F-NT2RM4001810
 F-NT2RM4001813//Homo sapiens BAC clone NH0364H22, from 2, complete sequence.//7.1e-31:176:84//
 20 AC005036
 F-NT2RM4001819//Human p58/GTA (galactosyltransferase associated protein kinase) mRNA, complete cds.//
 4.4e-34:195:95//M37712
 F-NT2RM4001823//Mus musculus zinc finger protein (Zfp64) mRNA, complete cds.//3.3e-51:490:75//U49046
 F-NT2RM4001828//Human zinc finger containing protein ZNF157 (ZNF157) mRNA, complete cds.//5.6e-74:688:
 25 72//U28687
 F-NT2RM4001836//Homo sapiens Chromosome 22q11.2 Cosmid Clone 2h In DGCR Region, complete se-
 quence.//1.0:406:60//AC000076
 F-NT2RM4001841//Mus musculus A kinase anchor protein (AKAP-KL) mRNA, alternatively spliced isoform 2,
 complete cds.//1.6e-131:831:86//AF033275
 30 F-NT2RM4001842//HS_3163_A2_G10_MR CIT Approved Human Genomic Sperm Library D Homo sapiens ge-
 nomic clone Plate=3163 Col=20 Row=M, genomic survey sequence.//1.5e-05:355:60//AQ168513
 F-NT2RM4001856//Caenorhabditis elegans cosmid K08F11.//4.0e-23:823:60//U70855
 F-NT2RM4001858//Notophthalmus viridescens NvTbox1 mRNA, partial cds.//6.4e-11:266:66//U64433
 F-NT2RM4001865//Homo sapiens mRNA for atopy related autoantigen CALC.//6.9e-149:704:98//Y17711
 35 F-NT2RM4001876//F.rubripes GSS sequence, clone 060E22bA4, genomic survey sequence.//5.7e-48:600:68//
 Z88651
 F-NT2RM4001880//CIT-HSP-2348J1.TF CIT-HSP Homo sapiens genomic clone 2348J1, genomic survey se-
 quence.//0.0025:61:88//AQ060809
 F-NT2RM4001905//R.norvegicus CYP3A1 gene, 5' flanking region.//2.5e-29:535:67//X98335
 40 F-NT2RM4001922//HS_2237_A1_C10_MF CIT Approved Human Genomic Sperm Library D Homo sapiens ge-
 nomic clone Plate=2237 Col=19 Row=E, genomic survey sequence.//2.2e-73:364:98//AQ033732
 F-NT2RM4001930//Arabidopsis thaliana genomic DNA, chromosome 5, P1 clone: MXI10, complete sequence.//
 4.9e-10:269:63//AB005248
 F-NT2RM4001938//Homo sapiens chromosome 17, clone hRPC.1081_P_3, complete sequence.//7.6e-152:311:
 45 100//AC005207
 F-NT2RM4001940//Homo sapiens timeless homolog mRNA, complete cds.//1.1e-170:808:98//AF098162
 F-NT2RM4001953//*** SEQUENCING IN PROGRESS *** Homo sapiens chromosome 4, BAC clone B13E4;
 HTGS phase 1, WORKING DRAFT SEQUENCE, 10 unordered pieces.//2.7e-45:310:86//AC004046
 F-NT2RM4001965//Homo sapiens genomic DNA of 8p21.3-p22 anti-oncogene of hepatocellular colorectal and
 50 non-small cell lung cancer, segment 11/11.//1.6e-107:622:90//AB020868
 F-NT2RM4001969//R.norvegicus mRNA for IP63 protein.//3.9e-24:221:76//X99330
 F-NT2RM4001979//Homo sapiens mRNA for KIAA0798 protein, complete cds.//1.0e-61:527:76//AB018341
 F-NT2RM4001984//Human DNA sequence from cosmid U151E3, between markers on chromosome X.//5.8e-07:
 502:60//Z82253
 55 F-NT2RM4001987//RPCI11-49L11.TJ RPCI11 Homo sapiens genomic clone R-49L11, genomic survey se-
 quence.//2.6e-33:177:99//AQ051701
 F-NT2RM4002013//Homo sapiens chromosome 17, clone hRPK.294_J_22, complete sequence.//0.019:65:90//
 AC005921

- F-NT2RM4002018//Human high molecular weight B cell growth factor mRNA sequence.//1.0:527:57//L15344
- F-NT2RM4002034//Human DNA sequence from PAC 84F12 on chromosome Xq25-Xq26.3. Contains glypican-3 precursor (intestinal protein OCI-5) (GTR2-2), ESTs and CA repeat.//0.11:322:60//AL008712
- 5 F-NT2RM4002044//Homo sapiens SS-A/Ro autoantigen 52 kda component gene, complete cds.//0.015:513:61//U01882
- F-NT2RM4002054//Homo sapiens clone DJ1039L24, WORKING DRAFT SEQUENCE, 3 unordered pieces.//2.0e-44:473:76//AC005283
- F-NT2RM4002055//Homo sapiens mRNA for KIAA0640 protein, partial cds.//1.0e-171:803:98//AB014540
- 10 F-NT2RM4002062//Drosophila melanogaster; Chromosome 2L; Region 36B1-36B3; P1 clone DS02528, WORKING DRAFT SEQUENCE, 8 unordered pieces.//0.0031:298:59//AC005122
- F-NT2RM4002063//Oryctolagus cuniculus sarcosine oxidase (SOX) mRNA, complete cds.//1.1e-147:705:98//U82267
- F-NT2RM4002066//Human mRNA for KIAA0192 gene, partial cds.//3.4e-73:889:69//D83783
- 15 F-NT2RM4002067//Homo sapiens chromosome 5, BAC clone 282B7 (LBNL H192), complete sequence.//1.1e-53:295:76//AC005216
- F-NT2RM4002073//Mus musculus fatty acid transport protein 3 mRNA, partial cds.//7.8e-25:277:75//AF072758
- F-NT2RM4002075//Homo sapiens actin binding protein MAYVEN mRNA, complete cds.//9.0e-23:588:61//AF059569
- F-NT2RM4002093//Rat PYBP1 mRNA for pyrimidine binding protein 1.//3.1e-68:544:69//X60789
- 20 F-NT2RM4002109//Mouse kif4 mRNA for microtubule-based motor protein KIF4, complete cds.//2.0e-121:762:86//D12646
- F-NT2RM4002128//HS_3084_A1_D04_MF CIT Approved Human Genomic Sperm Library D Homo sapiens genomic clone Plate=3084 Col=7 Row=G, genomic survey sequence.//7.7e-18:117:95//AQ186312
- F-NT2RM4002140
- 25 F-NT2RM4002145//Homo sapiens chromosome 19, fosmid 37308, complete sequence.//1.8e-49:736:65//AC004152
- F-NT2RM4002146//Homo sapiens MAGOH mRNA, complete cds.//6.5e-70:454:85//AF035940
- F-NT2RM4002161//Homo sapiens mRNA for LAFPTase, isoform 1, partial.//4.2e-151:763:96//AJ130763
- F-NT2RM4002174//Helicobacter pylori 26695 section 18 of 134 of the complete genome.//2.1e-16:580:60//AE000540
- 30 F-NT2RM4002189//Homo sapiens DNA sequence from BAC 722E9 on chromosome 22q13.2-13.33. Contains ESTs.//1.0e-07:792:61//AL008636
- F-NT2RM4002194//Mus musculus semaphorin VIa mRNA, complete cds.//3.2e-132:782:87//AF030430
- F-NT2RM4002205//Rattus norvegicus nuclear-encoded mitochondrial elongation factor G mRNA, complete cds.//1.5e-40:292:84//L14684
- 35 F-NT2RM4002213
- F-NT2RM4002226//Mus musculus p190-B gene, complete cds.//0.099:350:59//U67160
- F-NT2RM4002251//Homo sapiens chromosome 17, clone HCIT187M2, complete sequence.//1.0:428:58//AC004448
- 40 F-NT2RM4002256//Mouse genomic DNA, chromosome 17, clone cosmid 49.1, genomic survey sequence.//9.4e-60:294:81//AB005959
- F-NT2RM4002266//Fugu rubripes GSS sequence, clone 00618aG12, genomic survey sequence.//3.3e-12:217:67//AL024779
- F-NT2RM4002278//HS_3089_A1_E05_MF CIT Approved Human Genomic Sperm Library D Homo sapiens genomic clone Plate=3089 Col=9 Row=I, genomic survey sequence.//1.9e-64:381:92//AQ121653
- 45 F-NT2RM4002281
- F-NT2RM4002287//CIT-HSP-2327E14.TF CIT-HSP Homo sapiens genomic clone 2327E14, genomic survey sequence.//9.0e-49:336:86//AQ042515
- F-NT2RM4002294//Human mRNA for KIAA0281 gene, complete cds.//2.1e-48:511:72//D87457
- 50 F-NT2RM4002301//Human NotI linking clone 924A053D, genomic survey sequence.//8.9e-05:62:91//U49881
- F-NT2RM4002323//Human DNA sequence from clone 59B16 on chromosome 6p22.1-22.3. Contains a pseudo-gene similar to GPISG20 and other exonucleases. Contains ESTs, STSs, GSSs, genomic markers D6S1691 and D6S299 and a ca repeat polymorphism, complete sequence.//4.9e-115:729:87//AL032822
- F-NT2RM4002339//Homo sapiens PAC clone DJ0728D04, complete sequence.//1.1e-97:457:93//AC004865
- 55 F-NT2RM4002344//Caenorhabditis elegans cosmid K04A8.//2.2e-06:190:69//U64849
- F-NT2RM4002373//Homo sapiens mRNA for KIAA0649 protein, complete cds.//2.8e-149:708:98//AB014549
- F-NT2RM4002374//Homo sapiens 12q24 PAC P336P3 (Research Park Cancer Institute Human Genome PAC library) complete sequence.//0.00040:312:63//AC002978

- F-NT2RM4002383//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 469D22, WORKING DRAFT SEQUENCE.//6.8e-29:378:66//AL031284
- F-NT2RM4002390
- 5 F-NT2RM4002398//CIT-HSP-2288N22.TR CIT-HSP Homo sapiens genomic clone 2288N22, genomic survey sequence.//3.4e-35:184:100//AQ001110
- F-NT2RM4002409//Archaeoglobus fulgidus section 15 of 172 of the complete genome.//2.0e-16:468:59//AE001092
- 10 F-NT2RM4002438//Human HLA class III region containing NOTCH4 gene, partial sequence, homeobox PBX2 (HPBX) gene, receptor for advanced glycosylation end products (RAGE) gene, complete cds, and 6 unidentified cds, complete sequence.//1.6e-16:123:91//U89336
- F-NT2RM4002446//Human DNA sequence from cosmid 443D9 from a contig from the tip of the short arm of chromosome 16, spanning 2Mb of 16p13.3 Contains ESTs, STS and CpG islands.//9.6e-64:467:84//Z92845
- F-NT2RM4002452
- 15 F-NT2RM4002457//Human DNA sequence from PAC 151B14 on chromosome 22, complete sequence.//2.2e-24:201:86//Z85988
- F-NT2RM4002460//Homo sapiens PAC clone DJ0630C24 from 7q31-q32, complete sequence.//1.3e-45:487:70//AC004690
- F-NT2RM4002479//Homo sapiens RNA helicase-related protein mRNA, complete cds.//2.7e-163:777:98//AF083255
- 20 F-NT2RM4002482//Homo sapiens mRNA for KIAA0691 protein, complete cds.//2.3e-93:464:97//AB014591
- F-NT2RM4002493
- F-NT2RM4002499//Homo sapiens clone DJ0847008, WORKING DRAFT SEQUENCE, 3 unordered pieces.//3.5e-41:442:75//AC005484
- 25 F-NT2RM4002504//Human DNA sequence from clone 391O22 on chromosome 6p21.2-21.31 Contains pseudo-genes similar to ribosomal protein, ESTs, GSSs, complete sequence.//3.8e-31:233:87//AL031577
- F-NT2RM4002527//Fugu rubripes GSS sequence, clone 096G17aC8, genomic survey sequence.//7.7e-08:274:62//AL027162
- F-NT2RM4002532
- F-NT2RM4002534
- 30 F-NT2RM4002558//Mus musculus fatty acid transport protein.4 mRNA, partial cds.//3.8e-53:394:81//AF072759
- F-NT2RM4002565//Mus musculus Sec8 mRNA, complete cds.//6.4e-160:902:89//AF022962
- F-NT2RM4002567//CITBI-E1-2503J7.TR CITBI-E1 Homo sapiens genomic clone 2503J7, genomic survey sequence.//8.5e-31:220:88//AQ263402
- 35 F-NT2RM4002571//Rattus norvegicus UDP-GalNAc:polypeptide N-acetylgalactosaminyltransferase T5 mRNA, complete cds.//5.2e-05:199:65//AF049344
- F-NT2RM4002593//Homo sapiens PAC clone DJ0745K06 from 7q31, complete sequence.//0.89:275:61//AC004875
- F-NT2RM4002594//Drosophila melanogaster, chromosome 2R, region 31C1-31D6, P1 clone DS08879, complete sequence.//3.7e-44:768:64//AC005454
- 40 F-NT2RM4002623//Drosophila melanogaster, Chromosome 2L, Region 36B1-36B3; P1 clone DS02528, WORKING DRAFT SEQUENCE, 8 unordered pieces.//7.8e-34:574:65//AC005122
- F-NT2RP1000018//Homo sapiens mRNA for NIK, partial cds.//3.9e-111:582:95//AB013385
- F-NT2RP1000035//Homo sapiens mRNA for NS1-binding protein (NS1-BP).//1.1e-153:747:96//AJ012449
- 45 F-NT2RP1000040//Homo sapiens genomic DNA, chromosome 21q11.1, segment 18/28, WORKING DRAFT SEQUENCE.//1.6e-125:243:88//AP000047
- F-NT2RP1000063//Caenorhabditis elegans cosmid F31C3, complete sequence.//9.6e-09:414:59//Z92784
- F-NT2RP1000086//H.sapiens mRNA for zinc finger protein, Hsa12.//2.8e-183:548:91//X98834
- F-NT2RP1000101//H.sapiens CpG island DNA genomic MseI fragment, clone 28b4, forward read cpg28b4.ft1 a.//6.0e-27:163:95//Z60555
- 50 F-NT2RP1000111//CIT-HSP-2307O14.TR CIT-HSP Homo sapiens genomic clone 2307O14, genomic survey sequence.//1.2e-11:128:81//AQ016069
- F-NT2RP1000112//Human kinase (TTK) mRNA, complete cds.//1.0e-38:324:81//M86699
- F-NT2RP1000124//Plasmodium falciparum DNA *** SEQUENCING IN PROGRESS *** from MAL4P1, WORKING DRAFT SEQUENCE.//0.59:476:59//AL034557
- 55 F-NT2RP1000130//DNA encoding human Hepatoma-derived Growth Factor.//2.7e-35:535:681//E08546
- F-NT2RP1000163//Homo sapiens cell cycle progression 2 protein (CPR2) mRNA, complete cds.//6.7e-05:77:90//AF011792
- F-NT2RP1000170//Homo sapiens clone NH0001P09, WORKING DRAFT SEQUENCE, 1 unordered pieces.//

1.9e-20:431:64//AC006030
 F-NT2RP1000174//Homo sapiens clone 24432 mRNA sequence//2.5e-138:679:97//AF070535
 F-NT2RP1000191
 5 F-NT2RP1000202//Porcine mRNA for M130 of smooth muscle myosin phosphatase, partial cds.//5.3e-05:220:61//D89496
 F-NT2RP1000243//Drosophila melanogaster DNA sequence (P1 DS05273 (D80)), complete sequence//4.7e-51:508:69//AC004373
 F-NT2RP1000259
 10 F-NT2RP1000272//Mus musculus TLS-associated protein with SR repeats mRNA, complete cds//7.8e-142:866:88//AF042383
 F-NT2RP1000324//RPC111-81O21.TJ RPC111 Homo sapiens genomic clone R-81O21, genomic survey sequence//2.8e-29:182:92//AQ285136
 F-NT2RP1000326//Homo sapiens metaxin 2 (MTX2) mRNA, nuclear gene encoding mitochondrial protein, complete cds//4.2e-147:693:98//AF053551
 15 F-NT2RP1000333//Caenorhabditis elegans cosmid C03D6, complete sequence//1.4e-08:281:61//Z75525
 F-NT2RP1000348//H.sapiens CpG island DNA genomic Mse1 fragment, clone 12f1, reverse read cpG12f1.rt1c.//1.7e-09:71:100//Z56610
 F-NT2RP1000357
 F-NT2RP1000358 5.7e-16:403:61//AC005456
 20 F-NT2RP1000363//Homo sapiens mRNA for KIAA0638 protein, partial cds.//9.8e-125:497:86//AB014538
 F-NT2RP1000376//Homo sapiens calcium-independent phospholipase A2 mRNA, complete cds//1.8e-176:877:96//AF064594
 F-NT2RP1000409//Homo sapiens repetitive sequences, alphoid DNA, 2482bp.//4.6e-106:700:84//AJ001558
 F-NT2RP1000413//Homo sapiens mRNA for KIAA0587 protein, complete cds.//9.4e-178:710:98//AB011159
 25 F-NT2RP1000416
 F-NT2RP1000418//Oryctolagus cuniculus troponin T cardiac isoform mRNA, 3' end of cds//1.0:198:60//L40178
 F-NT2RP1000439//HS_2182_A1_D06_MF CIT Approved Human Genomic Sperm Library D Homo sapiens genomic clone Plate=2182 Col=11 Row=G, genomic survey sequence//2.1e-68:441:87//AQ024305
 F-NT2RP1000443//Homo sapiens genomic DNA, chromosome 21q11.1, segment 18/28, WORKING DRAFT SEQUENCE//3.8e-57:185:88//AP000047
 30 F-NT2RP1000460//Homo sapiens PAC clone DJ0844F09 from 7p12-p13, complete sequence.//2.7e-132:204:99//AC004453
 F-NT2RP1000470//Human DNA from chromosome 19-specific cosmid R27090, genomic sequence, complete sequence.//4.9e-80:196:95//AC002985
 35 F-NT2RP1000478//Human beta-tubulin class III isotype (beta-3) mRNA, complete cds.//1.9e-55:440:80//U47634
 F-NT2RP1000481//Homo sapiens DNA sequence from PAC 262D12 on chromosome 1q23.3-24.3. Contains a Tenascin (Hexabrachion, Cytotactin, Neuronectin, Myotendinous antigen)-LIKE gene and a mitochondrial/chloroplast 30S ribosomal protein S14-LIKE gene preceded by a CpG island. Contains ESTs, genomic marker D1S2691 and STSs.//2.6e-92:562:88//Z99297
 40 F-NT2RP1000493//Homo sapiens mRNA for KIAA0017 protein, complete cds.//2.0e-130:622:98//D87686
 F-NT2RP1000513//Xanthomonas campestris campestris xpsD, xpsM, and xpsN genes, complete cds's.//0.11:360:58//M81648
 F-NT2RP1000522//Homo sapiens clone DJ0810E06, WORKING DRAFT SEQUENCE, 8 unordered pieces.//4.9e-34:209:93//AC004895
 45 F-NT2RP1000547//Cricetus griseus COP-coated vesicle membrane protein CHOp24 mRNA, partial cds.//1.2e-08:331:63//U26264
 F-NT2RP1000574//Homo sapiens homeobox protein MEIS2 (MEIS2) mRNA, partial cds.//4.4e-81:295:92//AF017418
 F-NT2RP1000577//HS_2228_B2_C05_MR CIT Approved Human Genomic Sperm Library D Homo sapiens genomic clone Plate=2228 Col=10 Row=F, genomic survey sequence.//1.9e-31:179:75//AQ185128
 50 F-NT2RP1000581//Pan troglodytes von Willebrand factor (vWF) gene, partial cds.//4.7e-34:223:90//U31620
 F-NT2RP1000609//Homo sapiens chromosome 11, BAC CIT-HSP-311e8 (BC269730) containing the hFEN1 gene, complete sequence.//1.6e-18:229:65//AC004770
 F-NT2RP1000629//Mouse clathrin-associated protein (AP47) mRNA, complete cds.//9.3e-89:584:84//M62419
 55 F-NT2RP1000630//Human DNA sequence from PAC 151B14 on chromosome 22 Contains EST, complete sequence.//1.0:203:63//Z85989
 F-NT2RP1000677//Homo sapiens chromosome 19, cosmid R30538, complete sequence.//0.0034:350:61//AC005943

F-NT2RP1000688//H.sapiens gene for mitochondrial ATP synthase c subunit (P1 form)//5.2e-10:120:80//X69907
 F-NT2RP1000695
 F-NT2RP1000701//Sequence 1 from patent US 5580968//2.4e-99:624:86//I30536
 F-NT2RP1000721//Homo sapiens clone DJ0943F02, WORKING DRAFT SEQUENCE, 3 unordered pieces//1.1e-
 19:188:81//AC004932
 5 F-NT2RP1000730
 F-NT2RP1000733//Human chromosome 16p13-1 BAC clone CIT987SK-551G9 complete sequence//1.3e-30:
 315:75//U95742
 F-NT2RP1000738//Homo sapiens Wolf-Hirschhorn syndrome candidate 2 protein (WHSC2) mRNA, complete
 10 cds//8.0e-122:604:96//AF101434
 F-NT2RP1000746//HS_3084_A1_H03_MF CIT Approved Human Genomic Sperm Library D Homo sapiens ge-
 nomic clone Plate=3084 Col=5 Row=O, genomic survey sequence//1.5e-83:466:92//AQ186344
 F-NT2RP1000767//Homo sapiens full-length insert cDNA clone ZD81B04//2.8e-21:144:91//AF086442
 F-NT2RP1000782//Homo sapiens tetraspan TM4SF (TSPAN-3) mRNA, complete cds//2.1e-121:591:97//
 15 AF054840
 F-NT2RP1000796//T.thermophilus phosphofructokinase 1 (PFK1) gene, complete cds//0.76:263:64//M71213
 F-NT2RP1000825//Human DNA sequence from clone 116F5 on chromosome 22q13. Contains part of an unknown
 gene and part of a RhoGAP (CDC42 GTPase Activating Protein) LIKE gene. Contains ESTs, STSs, GSSs, genomic
 marker D22S1168 and a CA repeat polymorphism, complete sequence//1.5e-77:163:96//Z93244
 20 F-NT2RP1000833//Homo sapiens cGMP-specific phosphodiesterase (PDE9A2) mRNA, complete cds//1.3e-147:
 424:96//AF048837
 F-NT2RP1000834//Homo sapiens alpha-methylacyl-CoA racemase mRNA, complete cds//1.9e-89:702:79//
 AF047020
 F-NT2RP1000836//Homo sapiens DNA sequence from PAC 434O14 on chromosome 1q32.3.41. Contains the
 25 HSD11B1 gene for Hydroxysteroid (11-beta) Dehydrogenase 1, the ADORA2BP adenosine A2b receptor LIKE
 pseudogene, the IRF6 gene for Interferon Regulatory Factor 6 and two novel genes. Contains ESTs and GSSs,
 complete sequence//8.7e-169:842:96//AL022398
 F-NT2RP1000846//Human chromosome 8 BAC clone CIT987SK-2A8 complete sequence//3.3e-15:196:76//
 U96629
 30 F-NT2RP1000851//Homo sapiens PAC clone 267D11 from 12, complete sequence//1.6e-144:724:96//AC004812
 F-NT2RP1000856//Homo sapiens tetraspan TM4SF (TSPAN-3) mRNA, complete cds//2.1e-121:591:97//
 AF054840
 F-NT2RP1000860//Homo sapiens KL04P mRNA, complete cds//6.7e-106:551:95//AF064094
 F-NT2RP1000902//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 316D5, WORKING
 35 DRAFT SEQUENCE//0.0097:55:100//Z82199
 F-NT2RP1000915//H.sapiens genomic DNA fragment (clone J32A032R)//1.3e-30:174:97//Z94761
 F-NT2RP1000916
 F-NT2RP1000943//Hylobates lar huntingtin gene, partial exon//0.19:103:72//L49362
 F-NT2RP1000944//HS_2179_B2_C12_MR CIT Approved Human Genomic Sperm Library D Homo sapiens ge-
 40 nomic clone Plate=2179 Col=24 Row=F, genomic survey sequence//0.032:140:63//AQ065269
 F-NT2RP1000947//Mus musculus ubiquitin conjugating enzyme (ubc4) mRNA, complete cds//3.7e-53:461:78//
 U62483
 F-NT2RP1000954//cSRL-143G4-u cSRL flow sorted Chromosome-11 specific cosmid Homo sapiens genomic
 clone cSRL-143G4, genomic survey sequence//0.030:89:78//B01950
 45 F-NT2RP1000958//Caenorhabditis elegans cosmid K01C8, complete sequence//3.9e-11:445:61//Z49068
 F-NT2RP1000959//Homo sapiens PAC clone 278C19 from 12q, complete sequence//3.3e-57:326:92//AC004263
 F-NT2RP1000966//Human nucleolin gene, complete cds//3.4e-64:197:981//M60858
 F-NT2RP1000980//CIT-HSP-2314B10.TF CIT-HSP Homo sapiens genomic clone 2314B10, genomic survey se-
 quence//0.32:137:68//AQ017126
 50 F-NT2RP1000988//Human chromosome 3p21.1 gene sequence//8.0e-72:665:80//L13435
 F-NT2RP1001011//Drosophila melanogaster DNA repair protein (mei-41) gene, complete cds, and TH1 gene,
 partial cds//1.3e-31:497:65//U34925
 F-NT2RP1001013//HS_3068_B1_809_MR CIT Approved Human Genomic Sperm Library D Homo sapiens ge-
 nomic clone Plate=3068 Col=17 Row=D, genomic survey sequence//1.0e-24:414:66//AQ127667
 55 F-NT2RP1001014//HS_3252_B1_B05_MR CIT Approved Human Genomic Sperm Library D Homo sapiens ge-
 nomic clone Plate=3252 Col=9 Row=D, genomic survey sequence//0.00052:83:81//AQ304711
 F-NT2RP1001033//Homo sapiens chromosome 17, clone hRPC-1073_F_15, complete sequence//1.3e-134:241:
 99//AC004686

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F-NT2RP1001073//Homo sapiens PAC clone DJ1194E14 from 7p21, complete sequence.//2.5e-59:451:83//AC004993
F-NT2RP1001079//Oryctolagus cuniculus sarcosine oxidase (SOX) mRNA, complete cds.//4.5e-93:476:96//U82267
5 F-NT2RP1001080//Homo sapiens clone DJ0971C03, WORKING DRAFT SEQUENCE, 18 unordered pieces.//6.6e-54:217:89//AC004938
F-NT2RP1001113
F-NT2RP1001173
F-NT2RP1001177//Rattus norvegicus histone macroH2A1.2 mRNA, complete cds.//8.1e-26:373:681/U79139
10 F-NT2RP1001185//Homo sapiens clone NH0319F03, WORKING DRAFT SEQUENCE, 3 unordered pieces.//3.5e-32:388:73//AC006039
F-NT2RP1001199
F-NT2RP1001247//Homo sapiens signaling molecule LEFTY-A gene, exon 1.//2.0e-29:166:96//AF081508
F-NT2RP1001248//Homo sapiens Chromosome 11q23 PAC clone pDJ356d6, complete sequence.//7.3e-50:128 :
15 99//AC002036
F-NT2RP1001253//Homo sapiens oscillin (hLn) mRNA, complete.cds.//4-3e-91:344:93//AF029914
F-NT2RP1001286//Homo sapiens chromosome X region from filamin (FLN) gene to glucose-6-phosphate dehydrogenase (G6PD) gene, complete cds's-//0.54:292:63//L44140
F-NT2RP1001294
20 F-NT2RP1001302
F-NT2RP1001310//Rabbit skeletal muscle mRNA for ryanodine receptor.//1.5e-07:335:64//X15750
F-NT2RP1001311//RPC111-67O14.TK RPC111 Homo sapiens genomic clone R-67O14, genomic survey sequence.//0.26:80:75//AQ239291
F-NT2RP1001313//Homo sapiens Chromosome 11q12.2 PAC clone pDJ519o13 containing human gene for ferritin heavy chain (FTH), complete sequence.//8.8e-75:304:98//AC004228
25 F-NT2RP1001361//B.taurus Cl-B14.5b mRNA for NADH dehydrogenase (ubiquinone).//2.7e-57:412:84//X68647
F-NT2RP1001385
F-NT2RP1001395//Mus musculus COP9 complex subunit 7a (COPS7a)-mRNA, complete cds.//1.4e-72:535:83//AF071316
30 F-NT2RP1001410//Homo sapiens DNA sequence from PAC 257I20 on chromosome 22q13.1-13.2. Contains cytochrome P450 pseudogenes CYP2D7P, CYP2D8P, CYP2D6(D),TCF20, NADH ubiquinone oxidoreductase B14 subunit, ESTs, CA repeat, STS, GSS.//5.8e-105:570:94//AL021878

F-NT2RP1001424
35 F-NT2RP1001432
F-NT2RP1001449//Homo sapiens clone 24733 mRNA sequence.//1.7e-84:422:97//AF052149
F-NT2RP1001457//Xenopus laevis notchless (nle) mRNA, complete cds.//1.3e-47:471:73//AF069737
F-NT2RP1001466//HS_3006_A2_D08_T7 CIT Approved Human Genomic Sperm Library D Homo sapiens genomic clone Plate=3006 Col=16 Row=G, genomic survey sequence.//0.56:289:60//AQ154336
40 F-NT2RP1001475//H.sapiens genomic DNA fragment (clone NLMA194R).//0.00011:91:79//Z95375
F-NT2RP1001482//Mouse oncogene (ect2) mRNA, complete cds.1/4-0e-87:563:85//L11316
F-NT2RP1001494
F-NT2RP10015431//Drosophila melanogaster DNA sequence (P1:DS01142 (D148)), complete sequence.//1.9e-27:387:67//AC004280
45 F-NT2RP1001546//Homo sapiens tetraspan TM4SF (TSPAN-3) mRNA, complete cds.//8.0e-63:314:98//AF054840
F-NT2RP1001569//Mus musculus signal recognition particle receptor beta subunit mRNA, complete cds.//1.2e-68:514:81//U17343
F-NT2RP100T616//Human clone 23665 mRNA sequence.//7.6e-40:496:74//U90913
50 F-NT2RP1001665//CIT-HSP-2059N5.TF CIT-HSP Homo sapiens genomic clone 2059N5, genomic survey sequence.//2.4e-45:305:88//B69912
F-NT2RP2000001//Homo sapiens clone 617 unknown mRNA, complete sequence.//1.5e-135:685:96//AF091081
F-NT2RP2000006//HS_3061_B2_C03_MR CIT Approved Human Genomic Sperm Library D Homo sapiens genomic clone Plate=3061 Col=6 Row=F, genomic survey sequence.//1.9e-17:394:67//AQ178856
55 F-NT2RP2000007//Human mRNA for KIAA0392 gene, partial cds.//3.5e-14:241:68//AB002390
F-NT2RP2000008//Human DNA sequence *** SEQUENCING IN.PROGRESS *** from clone 257E24, WORKING DRAFT SEQUENCE.//1.7e-34:147:99//AL034424
F-NT2RP2000027//Homo sapiens BAC clone RG118P15 from 8q21, complete sequence.//1.4e-32:345:75//

AC005066

F-NT2RP2000032//F.rubripes GSS sequence, clone 060E22aG10, genomic survey sequence.//5.0e-41:445:72//Z88655

F-NT2RP2000040//Homo sapiens mRNA for KIAA0747 protein, partial cds.//1.9e-76:383:97//AB018290

F-NT2RP2000045//Homo sapiens tumorous imaginal discs protein Tid56 homolog (TID1) mRNA, complete cds.//2.4e-95:467:97//AF061749

F-NT2RP2000054//CIT-HSP-2328J24.TF CIT-HSP Homo sapiens genomic clone 2328J24, genomic survey sequence.//3.3e-39:236:91//AQ043092

F-NT2RP2000056//Rat mRNA for protein tyrosine phosphatase epsilon C, partial cds.//3.2e-50:311:90//D78610

F-NT2RP2000067//Mus musculus DOC4 (Doc4) mRNA, complete cds.//3.0e-55:766:66//AF059485

F-NT2RP2000070//Homo sapiens chromosome 5, BAC clone 34j15 (LBNL H169), complete sequence.//2.0e-118:597:95//AC005754

F-NT2RP2000076//Homo sapiens clone NH0263G22, complete sequence.//0.0017:423:60//AC006037

F-NT2RP2000077//Homo sapiens growth arrest specific 11 (GAS11) mRNA, complete cds.//2.1e-77:278:97//AF050079

F-NT2RP2000079//H.sapiens CpG island DNA genomic MseI fragment, clone 40c2, forward read cpg40c2.ft1k.//3.2e-33:197:95//Z55440

F-NT2RP2000088//Homo sapiens mRNA for KIAA0795 protein, partial cds.//2.2e-158:752:98//AB018338

F-NT2RP2000091//HS_2228_A2_B02_MR CIT Approved Human Genomic Sperm Library D Homo sapiens genomic clone Plate=2228 Col=4 Row=C, genomic survey sequence.//0.26:55:90//AQ146363

F-NT2RP2000097

F-NT2RP2000098//Homo sapiens clone DJ1098J04, WORKING DRAFT SEQUENCE, 2 unordered pieces.//2.5e-05:482:60//AC004961

F-NT2RP2000108//Homo sapiens DNA from chromosome 19, BAC 33152, complete sequence.//1.0e-22:274:69//AC003973

F-NT2RP2000114//Homo sapiens mRNA for GM3 synthase, complete cds.//4.9e-114:551:97//AB018356

F-NT2RP2000120//HS_3000_B1_E03_MR CIT Approved Human Genomic Sperm Library D Homo sapiens genomic clone Plate=3000 Col=5 Row=J, genomic survey sequence.//1.8e-21:129:97//AQ090365

F-NT2RP2000126//Homo sapiens chromodomain-helicase-DNA-binding protein mRNA, complete cds.//4.2e-119:607:96//AF054177

F-NT2RP2000133//Homo sapiens PAC clone DJ044L15 from Xq23, complete sequence.//1.3e-07:339:63//AC004827

F-NT2RP2000147//Mouse clathrin-associated protein (AP47) mRNA, complete cds.//9.0e-101:638:85//M62419

F-NT2RP2000153//Human DNA sequence from clone 218J18 on chromosome Xp11.3-11.4. Contains the NDP (Norrie Disease (Pseudoglioma)) gene and a CC1.3 Splicing Factor pseudogene. Contains ESTs, STSs and GSSs, complete sequence.//0.45:377:58//AL034370

F-NT2RP2000157//Homo sapiens Chr.14 PAC RPC14-794B2 (Roswell Park Cancer Institute Human PAC Library) complete sequence.//4.0e-73:317:87//AC005924

F-NT2RP2000161//CIT-HSP-2353L5.TF.1 CIT-HSP Homo sapiens genomic clone 2353L5, genomic survey sequence.//3.0e-14:123:90//AQ263431

F-NT2RP2000173

F-NT2RP2000175

F-NT2RP2000183//F.rubripes GSS sequence, clone 168M02aC2, genomic survey sequence.//3.7e-06:152:66//AL007295

F-NT2RP2000195//Human DNA sequence from clone 45I4 on chromosome 6q24.1-24.3. Contains two putative unknown genes, ESTs, STSs and GSSs, complete sequence.//7.6e-62:170:99//AL023581

F-NT2RP2000205

F-NT2RP2000208//Homo sapiens chromosome 19, overlapping cosmids R29828 and F25496, complete sequence.//7.2e-80:170:90//AC003030

F-NT2RP2000224//Homo sapiens Chromosome 16 BAC clone CIT987SK-A-152E5, complete sequence.//5.5e-64:400:85//AC004382

F-NT2RP2000232//Human DNA sequence from PAC 196E23 on chromosome Xq26.1-27.2. Contains the TAT-SF1 (HIV-1 transcriptional elongation factor TAT cofactor TAT-SF1) gene, the BRS3 (Bombesin Receptor subtype-3 (Uterine Bombesin Receptor, BRS-3) gene, an unknown gene coding for two isoforms, a predicted CpG island, ESTs and STSs.//2.2e-07:280:66//Z97632

F-NT2RP2000233//Mus musculus tumor metastasis associated gene product (MAG) mRNA, complete cds.//8.8e-30:508:67//U88401

F-NT2RP2000239//Homo sapiens chromosome 4 clone B353C18 map 4q25, complete sequence.//4.0e-79:504:

- 87//AC004066
F-NT2RP2000248
F-NT2RP2000257//Caenorhabditis elegans DNA *** SEQUENCING IN PROGRESS *** from clone Y1E3, WORK-
ING DRAFT SEQUENCE.//0.0078:286:60//AL021388
- 5 F-NT2RP2000258//CIT-HSP-2349P21.TF CIT-HSP Homo sapiens genomic clone 2349P21, genomic survey se-
quence.//5.7e-82:416:97//AQ059184
F-NT2RP2000270//Homo sapiens chromosome 19, BAC CIT-B-393i15 (BC301323), complete sequence.//4.5e-
29:310:73//AC006116
F-NT2RP2000274
- 10 F-NT2RP2000283//G.gallus mRNA for LRP/alpha-2-macroglobulin receptor.//6.3e-20:260:73//X74904
F-NT2RP2000288
F-NT2RP2000289
F-NT2RP2000297//Figure 2. Nucleotide and translated protein sequences of HPF1, -2, and -9.//4.6e-69:744:70//
M27877
- 15 F-NT2RP2000298//Streptomyces coelicolor cosmid 2E9.//4.4e-05:502:59//AL021530
F-NT2RP2000310//WORKING DRAFT SEQUENCE, 6 unordered pieces.//2.1e-13:173:76//AC006082
F-NT2RP2000327//Homo sapiens DNA sequence from PAC 434O14 on chromosome 1q32.3.-41. Contains the
HSD11B1 gene for Hydroxysteroid (11-beta) Dehydrogenase 1, the ADORA2BP adenosine A2b receptor LIKE
pseudogene, the IRF6 gene for Interferon Regulatory Factor 6 and two novel genes. Contains ESTs and GSSs,
20 complete sequence.//8.3e-144:731:95//AL022398
F-NT2RP2000328//Human DNA sequence from clone 931K24 on chromosome 20p12 Contains ESTs and GSSs,
complete sequence.//1.9e-102:555:90//AL034430
F-NT2RP2000329//Bovine mitochondrial GTP:AMP phosphotransferase mRNA, complete cds.//6.4e-105:639:87//
M25757
- 25 F-NT2RP2000337//HS_2060_B1_E01_MR CIT Approved Human Genomic Sperm Library D Homo sapiens ge-
nomic clone Plate=2060 Col=1 Row=J, genomic survey sequence.//0.78:218:60//AQ243333
F-NT2RP2000346//Homo sapiens apoptosis associated protein (GADD34) mRNA, complete cds.//3.6e-129:627:
97//U83981
F-NT2RP2000369//HS_2182_B1_B11_MR CIT Approved Human Genomic Sperm Library D Homo sapiens ge-
30 nomic clone Plate=2182 Col=21 Row=D, genomic survey sequence.//2.5e-87:421:99//AQ024835
F-NT2RP2000412//Human DNA sequence from PAC 124O9 on chromosome 6q21. Contains DNAJ2 (HDJ1) like
pseudogene, ESTs, STSs and GSSs.//0.72:170:65//AL021327
F-NT2RP2000414//Homo sapiens HnRNP F protein mRNA, complete cds.//5.0e-66:375:93//L28010
F-NT2RP2000420//Homo sapiens full-length insert cDNA YQ86E07.//9.2e-77:423:93//AF075093
- 35 F-NT2RP2000422//Homo sapiens N-acetylglucosamine-phosphate mutase mRNA, complete cds.//2.1e-126:609:
96//AF102265
F-NT2RP2000438//CITBI-E1-2519O19.TR CITBI-E1 Homo sapiens genomic clone 2519O19, genomic survey se-
quence.//0.96:61:78//AQ276878
F-NT2RP2000448//Homo sapiens PAC clone DJ0740D02 from 7p14-p15, complete sequence.//7.1e-17:341:67//
40 AC004691
F-NT2RP2000459//H.sapiens mRNA for imogen 38.//5.7e-21:158:87//Z68747
F-NT2RP2000498//Human DNA sequence from PAC 435C23 on chromosome X. Contains ESTs.//3.2e-11:160:
73//Z92844
F-NT2RP2000503//Homo sapiens PAC clone DJ1136G13 from 7q35-q36, complete sequence.//0.0031:187:66//
45 AC005229
F-NT2RP2000510//Fugu rubripes GSS sequence, clone 066G04aC1, genomic survey sequence.//8.8e-07:179:
64//AL026277
F-NT2RP2000516//Mus musculus t complex testis-specific protein (Tctex2) gene, wild type, promoter sequence.//
0.19:72:81//U21671
- 50 F-NT2RP2000523//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 150C2, WORKING
DRAFT SEQUENCE.//5.0e-115:570:96//AL022318
F-NT2RP2000603//Homo sapiens mRNA for MCM3 import factor, complete cds.//8.4e-37:196:98//AB005543
F-NT2RP2000617//Homo sapiens chromosome 19, cosmid R27377, complete sequence.//0.81:354:60//
AC005321
- 55 F-NT2RP2000634//Homo sapiens mRNA for KIAA0614 protein, partial cds.//1.3e-149:732:97//AB014514
F-NT2RP2000644//HS_3211_A1_F06_T7 CIT Approved Human Genomic Sperm Library D Homo sapiens ge-
nomic clone Plate=3211 Col=11 Row=K, genomic survey sequence.//3.6e-42:282:86//AQ175486
F-NT2RP2000656

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F-NT2RP2000658//CITBI-E1-2518N15.TF CITBI-E1 Homo sapiens genomic clone 2518N15, genomic survey sequence.//0.57:141:66//AQ278386

F-NT2RP2000668

5 F-NT2RP2000678//Homo sapiens clone DJ0891L14, WORKING DRAFT SEQUENCE, 12 unordered pieces.//4.3e-22:433:62//AC004916

F-NT2RP2000704//Homo sapiens Xp22-175-176 BAC GSHB-484Q17 (Genome Systems Human BAC Library) complete sequence.//2.7e-22:270:75//AC005913

F-NT2RP2000710//Drosophila melanogaster; Chromosome 2L; Region 36B1-36B3; P1 clone DS02528, WORKING DRAFT SEQUENCE, 8 unordered pieces.//1.4e-32:574:64//AC005122

10 F-NT2RP2000715//Homo sapiens PAC clone DJ1066K24 from 7p15, complete sequence.//4.8e-113:546:98//AC004540

F-NT2RP2000731//Homo sapiens clone DJ1106H14, WORKING DRAFT SEQUENCE, 42 unordered pieces.//0.97:115:70//AC004965

F-NT2RP2000758//Human LIM-kinase1 and alternatively spliced LIM-kinase1 (LIMK1) gene, complete cds.//9.7e-16:162:77//U62293

15 F-NT2RP2000764//HS_2254_B2_D07_MF CIT Approved Human Genomic Sperm Library D Homo sapiens genomic clone Plate=2254 Col=14 Row=H, genomic survey sequence.//0.071:45:95//AQ068887

F-NT2RP2000809

F-NT2RP2000812//Egernia stokesii clone EST3 microsatellite.//0.040:158:64//AF069698

20 F-NT2RP2000814

F-NT2RP2000816

F-NT2RP2000819

F-NT2RP2000841//Human mRNA for KIAA0294 gene, complete cds.//1.1e-26:390:70//AB002292

F-NT2RP2000842//H.sapiens mRNA for G protein-coupled receptor Edg-2.//1.2e-44:255:93//Y09479

25 F-NT2RP2000845

F-NT2RP2000863//Human partial cDNA sequence, clone x874.//5.9e-29:173:94//Z47045

F-NT2RP2000880//Homo sapiens mRNA for KIAA0741 protein, complete cds.//2.4e-140:732:94//AB018284

F-NT2RP2000892

F-NT2RP2000931//Homo sapiens mRNA for KIAA0723 protein, complete cds.//3.4e-129:610:98//AB018266

30 F-NT2RP2000932//Homo sapiens BAC clone GS166A23 from 7p21, complete sequence.//1.8e-37:212:84//AC005014

F-NT2RP2000938//Human DNA sequence from cosmid RJ14 from a contig from the tip of the short arm of chromosome 16, spanning 2Mb of 16p13.3. Contains ESTs and CpG island.//1.6e-126:682:93//Z69890

F-NT2RP2000943//Homo sapiens mRNA for KIAA0755 protein, complete cds.//5.8e-112:533:98//AB018298

35 F-NT2RP2000965

F-NT2RP2000970//Homo sapiens DNA sequence from BAC 747E2 on chromosome 22q12.1. Contains ESTs, STSs and GSSs and genomic marker D22S56, complete sequence.//9.2e-101:505:96//AL021393

F-NT2RP2000985//Homo sapiens chromosome 17, clone hRPK.597_M_12, complete sequence.//1.6e-72:498:82//AC005277

40 F-NT2RP2000987//Human Chromosome 16 BAC clone CIT987SK-A-211C6, complete sequence.//7.4e-12:171:77//AC002394

F-NT2RP2001036//Homo sapiens chromosome 17, clone HRPC1096F1, complete sequence.//1.2e-37:390:76//AC004167

F-NT2RP2001044//HS_2253_B1_G01_MF CIT Approved Human Genomic Sperm Library D Homo sapiens genomic clone Plate=2253 Col=1 Row=N, genomic survey sequence.//0.21:276:61//AQ069224

45 F-NT2RP2001056//Homo sapiens mRNA, chromosome 1 specific transcript KIAA0488.//3.2e-144:696:97//AB007957

F-NT2RP2001065

F-NT2RP2001070//Rattus norvegicus pyridoxine 5'-phosphate oxidase mRNA, complete cds.//4.3e-104:775:81//U91561

50 F-NT2RP2001081//Rattus norvegicus synaptotagmin XI mRNA, complete cds.//3.7e-69:488:82//AF000423

F-NT2RP2001094//Human DNA sequence from PAC 410B11 on chromosome X contains STS.//7.4e-11:490:61//Z86063

F-NT2RP2001119//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 745C22, WORKING DRAFT SEQUENCE.//5.1e-30:316:76//AL031596

55 F-NT2RP2001127//Human mRNA for KIAA0234 gene, complete cds.//1.1e-31:519:63//D87072

F-NT2RP2001137//HS_2193_B2_D12_MR CIT Approved Human Genomic Sperm Library D Homo sapiens genomic clone Plate=2193 Col=24 Row=H, genomic survey sequence.//1.8e-11:136:78//AQ032187

F-NT2RP2001149//Homo sapiens Chromosome 22q11.2 Cosmid Clone 2h In DGCR Region, complete sequence.//6.2e-29:247:78//AC000076

F-NT2RP2001168//Human DNA sequence from clone 431P23 on chromosome 6q27. Contains the first coding exon of the MLLT4 gene for myeloid/lymphoid or mixed-lineage leukemia (trithorax (Drosophila) homolog); translocated to, 4 (AF-6, Afadin, MLLT-4, ALL-1 fusion partner), and a Serine Palmitoyltransferase 2 (EC 2.3.1.50, Long Chain Base Biosynthesis protein 2, LCB-2, SPT-2) pseudogene. Contains ESTs, STss, GSSs, and a putative CpG island, complete sequence.//0.23:207:66//AL009178

F-NT2RP2001173//Homo sapiens mRNA for KIAA0480 protein, complete cds.//2.3e-112:567:96//AB007949

F-NT2RP2001174//RPC111-58L2.TK RPC111 Homo sapiens genomic clone R-58L2, genomic survey sequence.//7.6e-07:196:64//AQ237306

F-NT2RP2001196

F-NT2RP2001218

F-NT2RP2001226//Homo sapiens LERK-6 (EPLG6) gene, exon 1.//1.1e-09:320:65//U92893

F-NT2RP2001233//Human ZFP-36 mRNA for a zinc finger protein.//6.1e-71:681:72//X51760

F-NT2RP2001245//HS_3062_B1_F07_MR CIT Approved Human Genomic Sperm Library D Homo sapiens genomic clone Plate=3062 Col=13 Row=L, genomic survey sequence.//1.5e-05:268:63//AQ143177

F-NT2RP2001268//Homo sapiens mRNA for KIAA0810 protein, partial cds.//2.5e-106:514:97//AB018353

F-NT2RP2001277//Plasmodium falciparum chromosome 2, section 67 of 73 of the complete sequence.//0.32:183:64//AE001430

F-NT2RP2001290//M.musculus mRNA for I47 clone.//8.6e-102:641:86//X61455

F-NT2RP2001295//Caenorhabditis elegans DNA *** SEQUENCING IN PROGRESS *** from clone Y105E8, WORKING DRAFT SEQUENCE.//0.20:171:63//AL022594

F-NT2RP2001312//Bovine synaptophysin mRNA, complete cds.//0.98:253:58//M22967

F-NT2RP2001327//Human B12 protein mRNA, complete cds.//5.8e-29:359:71//M80783

F-NT2RP2001328//CIT-HSP-2335A5.TF CIT-HSP Homo sapiens genomic clone 2335A5, genomic survey sequence.//1.3e-65:366:94//AQ038539

F-NT2RP2001347//Homo sapiens complete genomic sequence, between D16S3070 and D16S3275, containing Familial Mediterranean Fever gene disease.//3.8e-31:325:77//AJ003147

F-NT2RP2001366//H.sapiens CpG island DNA genomic MseI fragment, clone 4e11, forward read cpg4e11.f1a.//1.7e-12:98:92//Z61305

F-NT2RP2001378//HS_3054_B2_A03_MR CIT Approved Human Genomic Sperm Library D Homo sapiens genomic clone Plate=3054 Col=6 Row=B, genomic survey sequence.//9.8e-17:131:89//AQ100721

F-NT2RP2001381//Arabidopsis thaliana BAC T2L5.//0.080:434:59//AF096371

F-NT2RP2001392//S.pristinaespiralis snbC gene & amp; snbDE gene.//0.019:267:59//Y11548

F-NT2RP2001394//Human DNA sequence from PAC 389A20 on chromosome X contains ESTs STS, CpG islands and polymorphic CA repeat.//1.9e-16:133:78//Z93242

F-NT2RP2001397//Bos taurus cyclin B2 (CYCB2) mRNA, complete cds.//1.3e-63:419:84//AF080219

F-NT2RP2001420//Mus musculus nuclear protein NIP45 mRNA, complete cds.//3.1e-98:747:79//U76759

F-NT2RP2001423//Xenopus laevis ER1 mRNA, complete cds.//3.7e-34:269:85//AF015454

F-NT2RP2001427//Homo sapiens Chromosome 2p13 BAC Clone h173, complete sequence.//3.2e-13:164:78//AC003065

F-NT2RP2001436//Mus musculus clone OST1784, genomic survey sequence.//3.0e-06:136:71//AF046702

F-NT2RP2001440//cDNA sequence coding for gamma protein.//7.9e-83:553:86//E02350

F-NT2RP2001445//P.falciparum complete gene map of plastid-like DNA (IR-A).//1.5e-09:829:57//X95275

F-NT2RP2001449//B.taurus mRNA for cleavage and polyadenylation specificity factor.//1.3e-136:766:90//X75931

F-NT2RP2001450

F-NT2RP2001467

F-NT2RP2001506//CIT-HSP-2374H21.TF CIT-HSP Homo sapiens genomic clone 2374H21, genomic survey sequence.//7.9e-14:151:80//AQ109561

F-NT2RP2001511//Oryctolagus cuniculus translation initiation factor eIF2C mRNA, complete cds.//2.6e-22:462:64//AF005355

F-NT2RP2001520//Homo sapiens mRNA for mitochondrial carrier protein ARALAR1.//2.0e-136:657:97//Y14494

F-NT2RP2001526//Homo sapiens chromosome 17, clone hCIT.175_E_5, complete sequence.//1.2e-37:357:64//AC004596

F-NT2RP2001536//Homo sapiens X-ray repair cross-complementing protein 3 (XRCC3) mRNA, complete cds.//1.6e-103:384:94//AF035586

F-NT2RP2001560

F-NT2RP2001569//Homo sapiens mRNA, chromosome 1 specific transcript KIAA0488.//4.4e-123:590:98//

AB007957

F-NT2RP2001576//Schistocerca americana Antennapedia homeotic protein (Antp) mRNA, complete cds.//0.038:580:58//U32943

F-NT2RP2001581//Mus musculus semaphorin VIa mRNA, complete cds.//6.5e-09:222:66//AF030430

F-NT2RP2001597//Homo sapiens alpha2-C4-adrenergic receptor gene, complete cds.//0.0057:361:60//U72648

F-NT2RP2001601//Homo sapiens mRNA for KIAA0797 protein, partial cds.//7.2e-137:647:98//AB018340

F-NT2RP2001613

F-NT2RP2001628//H.sapiens (xs128) mRNA, 380bp.//1.7e-15:279:68//Z36784

F-NT2RP2001634//Homo sapiens alpha-catenin-like protein (CTNNAL1) mRNA, complete cds.//5.4e-123:606:96//AF030233

F-NT2RP2001660//Homo sapiens putative 13 S Golgi transport complex 90kD subunit brain-specific isoform mRNA, complete cds.//4.2e-144:687:97//AF058718

F-NT2RP2001663//H.sapiens mRNA for 2-phosphopyruvate-hydratase-alpha-enolase.//1.0e-36:372:74//X84907

F-NT2RP2001675//S.pombe chromosome I cosmid c2G11.//0.070:507:59//Z54354

F-NT2RP2001677//Mouse BAC CitbCJ7 219m7, genomic sequence, complete sequence.//2.0e-60:232:96//AC005259

F-NT2RP2001678//HS_2007_A2_A04_T7 CIT Approved Human Genomic Sperm Library D Homo sapiens genomic clone Plate=2007 Col=8 Row=A, genomic survey sequence.//7.3e-62:370:91//AQ269699

F-NT2RP2001699//RPC111-57B17.TK RPC111 Homo sapiens genomic clone R-57B17, genomic survey sequence.//0.99:141:63//AQ115592

F-NT2RP2001720//Homo sapiens PAC clone DJ0167F23 from 7p15, complete sequence.//9.4e-117:604:95//AC004079

F-NT2RP2001721//Homo sapiens DNA sequence from clone 466I8 on chromosome Xq11.1-13.2. Contains an unknown gene similar to Coagulation Factor V (Activated Protein C Cofactor), Coagulation Factor VIII (Procoagulant Component) and Ceruloplasmin (EC 1.16.3.1, Ferroxidase). Contains ESTs and an STS, complete sequence.//1.0:273:61//AL030998

F-NT2RP2001740//Homo sapiens Chromosome 22q11.2 Cosmid Clone 8c In DGCR Region, complete sequence.//1.0:356:62//AC000090

F-NT2RP2001748//Human mRNA for KIAA0003 gene, complete cds.//3.7e-18:151:86//D14697

F-NT2RP2001762//Homo sapiens chromosome 1, BAC CIT-HSP-292g8 (BC262482), complete sequence.//6.0e-145:715:97//AC004783

F-NT2RP2001813//Plasmodium falciparum chromosome 2, section 15 of 73 of the complete sequence.//0.38:340:60//AE001378

F-NT2RP2001839//HS_3000_B1_C07_MR CIT Approved Human Genomic Sperm Library D_ Homo sapiens genomic clone Plate=3000 Col=13 Row=F, genomic survey sequence.//0.026:253:60//AQ090347

F-NT2RP2001861//Homo sapiens mRNA for paraplegin.//0.89:146:71//Y16610

F-NT2RP2001869//Homo sapiens ZNF202 beta (ZNF202) mRNA, complete cds.//0.040:174:62//AF027219

F-NT2RP2001876//Cyprinus carpio mRNA for allograft inflammatory factor-1, complete cds.//2.8e-44:483:71//AB012309

F-NT2RP2001883//Human DNA sequence from clone 612B18 on chromosome 1q24-25.3 Contains exon from gene similar to 40S ribosomal protein, first coding exon of dynamin 2 (DYNII). ESTs, STS, GSS, CpG Island, complete sequence.//1.8e-87:496:92//AL031864

F-NT2RP2001898//Human inositol polyphosphate 5-phosphatase (5ptase) mRNA, 3' end.//9.2e-112:633:90//M74161

F-NT2RP2001900//Caenorhabditis elegans DNA *** SEQUENCING IN PROGRESS *** from clone R08A5, WORKING DRAFT SEQUENCE.//0.0026:360:62//Z82281

F-NT2RP2001907//H.sapiens CpG island DNA genomic MseI fragment, clone 97f11, forward read cpg97f11.ft1a.//4.2e-26:206:84//Z64125

F-NT2RP2001926//Plasmodium falciparum 3D7 chromosome 12 PFYAC69 genomic sequence, WORKING DRAFT SEQUENCE, 4 unordered pieces.//5.5e-06:621:59//AC004688

F-NT2RP2001936//cSRL-47D9-u cSRL flow sorted Chromosome 11 specific cosmid Homo sapiens genomic clone cSRL-47D9, genomic survey sequence.//3.1e-50:282:93//B04856

F-NT2RP2001943//Drosophila melanogaster cosmid 25E8.//0.00036:248:60//AL009196

F-NT2RP2001946//Homo sapiens clone NH0140K04, complete sequence.//3.8e-78:232:99//AC005033

F-NT2RP2001947//Homo sapiens full-length insert cDNA clone ZD81B04.//2.0e-28:172:94//AF086442

F-NT2RP2001969//H.sapiens CpG island DNA genomic MseI fragment, clone 152a8, reverse read cpg152a8.ft1a.//1.0e-20:123:99//Z59378

F-NT2RP2001976

- F-NT2RP2001985//Homo sapiens mRNA for KIAA0545 protein, partial cds.//0.0023:235:62//AB011117
- F-NT2RP2001991//Rat orphan transporter v7-3 (NTT73) mRNA, complete cds.//3.1e-35:180:80//L22022
- F-NT2RP2002025//Homo sapiens mRNA for KIAA0756 protein, partial cds.//9.8e-61:314:97//AB018299
- 5 F-NT2RP2002032//Homo sapiens chromosome 5, Bac clone 5m9 (LBNL H220), complete sequence.//0.76:189:65//AC005895
- F-NT2RP2002033//Homo sapiens clone DJ0292L20, WORKING DRAFT SEQUENCE, 2 unordered pieces.//2.9e-12:160:79//AC004825
- F-NT2RP2002041//Human BAC clone RG035E18 from 7q31, complete sequence.//0.0014:123:73//AC004029
- 10 F-NT2RP2002046//Homo sapiens Xp22 BAC GSHB-184P14 (Genome Systems Human BAC library) complete sequence.//2.2e-86:722:77//AC004552
- F-NT2RP2002047//Human DNA sequence from clone 21F7 on chromosome 6q16.1-21. Contains part of an exon of a putative new gene and STSs and GSSs, complete sequence.//0.13:350:61//AL033375
- F-NT2RP2002058//S.cerevisiae chromosome XII reading frame ORF YLR129w.//9.7e-11:480:60//Z73301
- 15 F-NT2RP2002066//Rattus norvegicus transmembrane receptor-Unc5H2 mRNA, complete cds.//6.5e-97:610:86//U87306
- F-NT2RP2002070//beta -ADD=adducin beta subunit 63 kda isoform/membrane skeleton protein, beta -ADD=adducin beta subunit 63 kda isoform/membrane skeleton protein [alternatively spliced, exon 10 to 13 region] [human, Genomic, 1851 nt, segment 3 of 3].//0.0059:107:73//S81083
- F-NT2RP2002076//Homo sapiens clone 24804 mRNA sequence.//1.0e-127:643:96//AF052183
- 20 F-NT2RP2002078//F12O16-T7.1 IGF Arabidopsis thaliana genomic clone F12016, genomic survey sequence.//0.14:191:64//AQ249805
- F-NT2RP2002079//Homo sapiens clone DJ0892G19, complete sequence.//0.0094:325:60//AC004917
- F-NT2RP2002099//Homo sapiens mRNA for E1B-55kDa-associated protein.//9.8e-111:533:97//AJ007509
- F-NT2RP2002105//H.sapiens CpG island DNA genomic MseI fragment, clone 10h8, forward read cpg10h8.ft1a.//2.4e-29:178:94//Z58857
- 25 F-NT2RP2002124//CIT-HSP Homo sapiens genomic clone 2023E9, genomic survey sequence.//2.5e-32:202:92//B64468
- F-NT2RP2002137//Human plasma membrane calcium ATPase (hPMCA4) mRNA, complete cds.//0.095:319:59//M25874
- 30 F-NT2RP2002154//Mus musculus mRNA for myosin, complete cds.//1.0:258:63//D85923
- F-NT2RP2002172//HS_3020_B1_H02_T7 CIT Approved Human Genomic Sperm Library D Homo sapiens genomic clone Plate=3020 Col=3 Row=P, genomic survey sequence.//1.2e-11:124:82//AQ093169
- F-NT2RP2002185//RPC111-67B15.TJ RPC111 Homo sapiens genomic clone R-67B15, genomic survey sequence.//2.8e-18:109:100//AQ201833
- 35 F-NT2RP2002192//Human PM-Scl-75 autoantigen (PM-scl1) mRNA, complete cds.//2.7e-36:363:78//U09215
- F-NT2RP2002193//Rattus norvegicus potassium channel regulatory protein KChAP mRNA, complete cds.//9.5e-82:477:89//AF032872
- F-NT2RP2002208
- 40 F-NT2RP2002219//Plasmodium falciparum DNA *** SEQUENCING IN PROGRESS *** from MAL4P1, WORKING DRAFT SEQUENCE.//1.0:378:58//AL034557
- F-NT2RP2002231//Plasmodium falciparum 3D7 chromosome 12 PFYAC492 genomic sequence, WORKING DRAFT SEQUENCE, 5 unordered pieces.//0.60:560:56//AC005308
- F-NT2RP2002235//P.falciparum glutamic acid-rich protein gnen, complete cds.//0.59:341:60//J03998
- F-NT2RP2002252//Mus musculus mSin3A (sin3A) mRNA, complete cds.//3.5e-81:398:87//U22394
- 45 F-NT2RP2002256//Homo sapiens retinoic acid hydroxylase mRNA, complete cds.//6.6e-50:315:89//AF005418
- F-NT2RP2002259//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 118J21, WORKING DRAFT SEQUENCE.//9.7e-67:340:89//AL033527
- F-NT2RP2002270//RPC111-77C23.TV RPC111 Homo sapiens genomic clone R-77C23, genomic survey sequence.//2.9e-18:79:93//AQ268098
- 50 F-NT2RP2002292//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 321D2, WORKING DRAFT SEQUENCE.//1.0:290:60//AL031033
- F-NT2RP2002312//Homo sapiens CDP-diacylglycerol synthase 2 (CDS2) mRNA, partial cds.//1.5e-93:467:96//AF069532
- F-NT2RP2002316//HS_2171_B2_D11_MR CIT Approved Human Genomic Sperm Library D Homo sapiens genomic clone Plate=2171 Col=22 Row=H, genomic survey sequence.//7.3e-94:463:97//AQ119673
- 55 F-NT2RP2002325//Homo sapiens mRNA for Pex11p, complete cds.//3.9e-123:640:95//AB015594
- F-NT2RP2002333
- F-NT2RP2002373//F.rubripes GSS sequence, clone 026F10aB8, genomic survey sequence.//0.46:234:61//

Z87330

F-NT2RP2002385//Homo sapiens synaptic glycoprotein SC2 spliced variant mRNA, complete cds.//9.4e-138:673:97//AF038958

F-NT2RP2002394//P.falciparum complete gene map of plastid-like DNA (IR-A).//0.79:421:56//X95275

5 F-NT2RP2002408//F.rubripes GSS sequence, clone 080G11aA8, genomic survey sequence.//5.7e-15:220:71//AL015615

F-NT2RP2002426//Sus scrofa SCAMP1 gene, exon 9.//7.1e-71:582:80//AJ223742

F-NT2RP2002439//Caenorhabditis elegans cosmid T07D3.//0.0018:210:67//AF016682

F-NT2RP2002442//Caenorhabditis elegans cosmid T03F1.//2.8e-18:295:67//U88169

10 F-NT2RP2002457//Homo sapiens Chromosome 16 BAC clone CIT987SK-44M2, complete sequence.//1.9e-06:281:66//AC004381

F-NT2RP2002464//Human mRNA for KIAA0086 gene, complete cds.//0.039:207:63//D42045

F-NT2RP2002475

15 F-NT2RP2002479//Homo sapiens mRNA for ABC transporter 7 protein, complete cds.//2.4e-123:607:96//AB005289

F-NT2RP2002498//Arabidopsis thaliana BAC F3D13.//0.73:395:57//AF069300

F-NT2RP2002503//Homo sapiens, clone hRPK.15_A_1, complete sequence.//7.2e-18:134:90//AC006213

F-NT2RP2002504//Homo sapiens mRNA for KIAA0791 protein, complete cds.//1.2e-157:761:97//AB018334

F-NT2RP2002520

20 F-NT2RP2002537

F-NT2RP2002546//Homo sapiens Chromosome 11q12 pac pDJ741n15, WORKING DRAFT SEQUENCE, 7 unordered pieces.//0.83:252:60//AC004127

F-NT2RP2002549//Human Chromosome 15q26.1 PAC clone pDJ457j11 containing DNA polymerase gamma (polg) gene, complete sequence.//5.9e-93:186:99//AC005317

25 F-NT2RP2002591//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 54B20, WORKING DRAFT SEQUENCE.//4.0e-38:175:78//Z98304

F-NT2RP2002595//Sequence 2 from patent US 5763220.//1.5e-84:430:95//AR012155

F-NT2RP2002606//Rattus norvegicus Rabin3 mRNA, complete cds.//1.9e-43:282:87//U19181

F-NT2RP2002609//Mus musculus defender against death 1 (DAD1) gene, partial cds.//1.5e-11:99:90//AF051310

30 F-NT2RP2002618//H.sapiens mRNA for arginine methyltransferase, splice variant, 1316 bp.//5.6e-27:460:63//Y10806

F-NT2RP2002621

F-NT2RP2002643//Rat calmodulin III gene for calmodulin, promoter region and exon 1.//0.023:322:60//D90397

35 F-NT2RP2002672//Homo sapiens chromosome 10 clone CIT-HSP-1326H7 map 10q24.3-10q25.1, complete sequence.//3.9e-149:794:94//AC005384

F-NT2RP2002701//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 50O24, WORKING DRAFT SEQUENCE.//9.2e-10:129:75//AL034380

F-NT2RP2002706//S.griseus secA gene.//1.3e-05:311:63//Y10980

F-NT2RP2002710//Homo sapiens mRNA for KIAA0672 protein, complete cds.//2.5e-40:631:65//AB014572

40 F-NT2RP2002727//Rattus norvegicus tulip 2 mRNA, complete cds.//4.8e-65:600:73//AF041107

F-NT2RP2002736//S.pombe chromosome II cosmid c887.//0.17:352:58//AL033388

F-NT2RP2002740//Absidia glauca ORF, 3' end; (+) mating type surface protein (PSSP15) gene, complete cds; ORF, 5' end.//0.0073:274:66//M94861

F-NT2RP2002741//Homo sapiens mRNA for Neuroblastoma, complete cds.//7.5e-29:628:62//D89016

45 F-NT2RP2002750//Homo sapiens Xp22 Bins 35-37 BAC GSHB-214D18 (Genome Systems Human BAC Library) complete sequence.//3.6e-31:568:67//AC005296

F-NT2RP2002752//Human BAC clone RG317M02 from 7p15-p21, complete sequence.//1.7e-08:206:63//AC002433

50 F-NT2RP2002753//Human DNA sequence from cosmid B11B7 on chromosome 22 contains ESTs.//2.8e-71:195:89//Z82171

F-NT2RP2002769//Streptomyces fradiae ty lactone synthase, starter module and modules 1-7, (tylg) gene, complete cds.//0.0016:412:60//U78289

F-NT2RP2002778//CIT-HSP-2059C5.TF CIT-HSP Homo sapiens genomic clone 2059C5, genomic survey sequence.//6.8e-18:186:79//B69837

55 F-NT2RP2002800

F-NT2RP2002839//Homo sapiens Chromosome 11q12.2 PAC clone pDJ688p12 containing uteroglobin gene, WORKING DRAFT SEQUENCE, 11 unordered pieces.//1.2e-41:134:94//AC006078

F-NT2RP2002857//Rat T-cell receptor active beta-chain V-region (V-beta6-J-beta2.5) mRNA, partial cds, clone

TRB-4//0.85:93:68//M18845
 F-NT2RP2002862//HS_3084_A1_H03_MF CIT Approved Human Genomic Sperm Library D Homo sapiens ge-
 nomic clone Plate=3084 Col=5 Row=O, genomic survey sequence//5.0e-67:390:91//AQ186344
 F-NT2RP2002880
 5 F-NT2RP2002891//CIT-HSP-2310O14.TF CIT-HSP Homo sapiens genomic clone 2310O14, genomic survey se-
 quence//0.11:53:90//AQ019792
 F-NT2RP2002925//Pig mRNA for carbonyl reductase, complete cds//0.66:194:65//D16511
 F-NT2RP2002928//Homo sapiens pre-mRNA splicing factor (PRP17) mRNA, complete cds//2.3e-135:628:99//
 AF038392
 10 F-NT2RP2002929//F.rubripes GSS sequence, clone 123123aA1, genomic survey sequence//3.9e-06:66:83//
 AL017246
 F-NT2RP2002939
 F-NT2RP2002954
 F-NT2RP2002959//Mus musculus ubiquitin conjugating enzyme (ubc4) mRNA, complete cds//1.3e-47:411:79//
 15 U62483
 F-NT2RP2002979//CIT-HSP-2340D12.TF CIT-HSP Homo sapiens genomic clone 2340D12, genomic survey se-
 quence//4.6e-96:476:97//AQ057233
 F-NT2RP2002980//Sequence 20 from Patent EP0705842//4.0e-13:100:94//A52230
 F-NT2RP2002986//Homo sapiens actin binding protein MAYVEN mRNA, complete cds//2.4e-09:272:61//
 20 AF059569
 F-NT2RP2002987//Homo sapiens (subclone 6_d9 from P1 H21) DNA sequence, complete sequence//1.0e-22:
 293:67//AC000958
 F-NT2RP2002993//Rattus norvegicus RNA polymerase I 127 kDa subunit mRNA, complete cds//4.0e-74:502:84//
 AF025424
 25 F-NT2RP2003000//Homo sapiens chromosome 12p13.3, WORKING DRAFT SEQUENCE, 21 unordered pieces//
 2.3e-46:474:76//AC004765
 F-NT2RP2003034//Homo sapiens chromosome 17, clone hRPK:849_N_15, complete sequence//4.2e-23:202:
 82//AC005703
 F-NT2RP2003073//Human DNA sequence from PAC 306D1 on chromosome X contains ESTs//3.4e-59:330:82//
 30 Z83822
 F-NT2RP2003099//HS_3008_B2_C09_T7 CIT Approved Human Genomic Sperm Library D Homo sapiens ge-
 nomic clone Plate=3008 Col=18 Row=F, genomic survey sequence//1.4e-71:362:96//AQ089786
 F-NT2RP2003108//Sequence 59 from patent US 5773577//0.95:123:69//AR014362
 F-NT2RP2003117//HS_2034_B2_D12_T7 CIT Approved Human Genomic Sperm Library D Homo sapiens ge-
 35 nomic clone Plate=2034 Col=24 Row=H, genomic survey sequence//1.5e-88:461:96//AQ230797
 F-NT2RP2003121//Mus musculus enhancer of polycomb (Epc1) mRNA, complete cds//4.3e-46:470:72//
 AF079765
 F-NT2RP2003125//Homo sapiens chromosome 19, cosmid R34382, complete sequence//5.7e-10:436:61//
 AC005329
 40 F-NT2RP2003129//P.thunbergii cab gene//0.00044:541:60//X61915
 F-NT2RP2003137//CIT-HSP-2300J6.TR CIT-HSP Homo sapiens genomic clone 2300J6, genomic survey se-
 quence//5.0e-78:393:97//AQ012976
 F-NT2RP2003157//Human DNA sequence from cDNA 16pHQC16 from chromosome 16p13.3//5.4e-07:137:71//
 Z84716
 45 F-NT2RP2003158//Homo sapiens mRNA for proteasome subunit p58, complete cds//1.8e-111:581:93//D67025
 F-NT2RP2003161//CITBI-E1-2506E20.TR CITBI-E1 Homo sapiens genomic clone 2506E20, genomic survey se-
 quence//0.0025:156:67//AQ262657
 F-NT2RP2003164
 F-NT2RP2003165//Human hereditary haemochromatosis region, histone 2A-like protein gene, hereditary haemo-
 50 chromatosis (HLA-H) gene, RoRet gene, and sodium phosphate transporter (NPT3) gene, complete cds//1.4e-
 43:334:79//U91328
 F-NT2RP2003177//Human signaling inositol polyphosphate 5 phosphatase SIP-110 mRNA, complete cds//0.91:
 346:62//U50040
 F-NT2RP2003194//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 996D20, WORKING
 55 DRAFT SEQUENCE//1.7e-108:511:90//AL031597
 F-NT2RP2003206
 F-NT2RP2003228//H.sapiens P1-Cdc21 mRNA//2.9e-136:726:93//X74794
 F-NT2RP2003230//Rattus norvegicus endo-alpha-D-mannosidase (Enman) mRNA, complete cds//2.6e-51:348:

86//AF023657

F-NT2RP2003237//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 126A5, WORKING DRAFT SEQUENCE.//2.6e-56:415:83//AL031447

F-NT2RP2003243//RPCI11-36J1.TP RPCI-11 Homo sapiens genomic clone RPCI-11-36J1, genomic survey sequence.//2.1e-16:112:93//AQ047107

F-NT2RP2003265//Muridae sp. (mouse-rat, neuroblastoma-glioma hybrid cell line NGD5) mRNA, complete cds.//6.0e-114:696:87//L38481

F-NT2RP2003272//RPCI11-67B15.TJ RPCI11 Homo sapiens genomic clone R-67B15, genomic survey sequence.//3.8e-16:110:94//AQ201833

F-NT2RP2003277//Homo sapiens mRNA for KIAA0625 protein, partial cds.//1.5e-145:714:96//AB014525

F-NT2RP2003280//RPCI11-14I2.TVB RPCI-11 Homo sapiens genomic clone RPCI-11-14I2, genomic survey sequence.//6.4e-77:400:95//B85286

F-NT2RP2003286//CIT-HSP-2336D3.TF CIT-HSP Homo sapiens genomic clone 2336D3, genomic survey sequence.//5.3e-29:287:73//AQ041024

F-NT2RP2003293//Homo sapiens DNA from chromosome 19, BAC 33152, complete sequence.//1.5e-54:508:74//AC003973

F-NT2RP2003295//Homo sapiens RMP mRNA for RPB5 meidating protein, complete cds.//6.1e-85:416:97//AB006572

F-NT2RP2003297//S.pombe pho2 gene for specific p-nitrophenylphosphatase.//0.60:309:64//X62722

F-NT2RP2003307//Mus musculus kinesin light chain 2 (Klc2) mRNA, complete cds.//1.0e-45:442:75//AF055666

F-NT2RP2003308//D.melanogaster crn mRNA.//1.1e-63:697:70//X58374

F-NT2RP2003329//Homo sapiens chromosome 17, clone hCIT.131_K_11, complete sequence.//0.040:145:64//AC005288

F-NT2RP2003339

F-NT2RP2003347//Plasmodium falciparum MAL3P7, complete sequence.//0.12:275:60//AL034559

F-NT2RP2003367//Homo sapiens chromosome 4 clone B368A9 map 4q25, complete sequence.//0.83:225:63//AC005510

F-NT2RP2003391

F-NT2RP2003393//HS_3218_A2_B09_T7 CIT Approved Human Genomic Sperm Library D Homo sapiens genomic clone Plate=3218 Col=18 Row=C, genomic survey sequence.//0.021:93:79//AQ204356

F-NT2RP2003394

F-NT2RP2003401

F-NT2RP2003433//Rattus rattus sec61 homologue mRNA, complete cds.//4.2e-61:533:75//M96630

F-NT2RP2003445//Homo sapiens genomic DNA, chromosome 21q11.1, segment 1/5, WORKING DRAFT SEQUENCE.//2.1e-49:301:72//AP000023

F-NT2RP2003446

F-NT2RP2003456//Rickettsia prowazekii strain Madrid E, complete genome; segment 3/4.//0.0018:366:60//AJ235272

F-NT2RP2003466//Homo sapiens chromosome 11, BAC CIT-HSP-311e8 (BC269730) containing the hFEN1 gene, complete sequence.//7.5e-16:189:68//AC004770

F-NT2RP2003480//Mouse interleukin 2 receptor (p55 IL-2R) mRNA, 5' end.//1.9e-25:197:85//M21977

F-NT2RP2003499 2.1e-08:408:61//AB000826

F-NT2RP2003506//Homo sapiens clone NH0479C13, WORKING DRAFT SEQUENCE, 12 unordered pieces.//1.9e-33:192:96//AC005236

F-NT2RP2003511//Ceratopteris richardii mRNA for CRHB11, partial cds.//1.0:328:60//AB013801

F-NT2RP2003513//Human mRNA for KIAA0270 gene, partial cds.//7.3e-76:403:93//D87460

F-NT2RP2003517//Human osteosarcoma cell line U-2 OS mRNA fragment for PDGF-B chain (PDGF= platelet-derived growth factor).//1.5e-24:151:95//X03702

F-NT2RP2003522//Mouse interleukin 2 receptor (p55 IL-2R) mRNA, 5' end.//1.3e-101:564:91//M21977

F-NT2RP2003533//Human DNA sequence from cosmid F1121 on chromosome 6.//2.0e-40:315:75//Z80899

F-NT2RP2003543

F-NT2RP2003559//H.sapiens CpG island DNA genomic MseI fragment, clone 90a5, reverse read cpg90a5.rt1a.//1.1e-20:122:99//Z56144

F-NT2RP2003564//Human 52-kD ribonucleoprotein Ro/SSA mRNA, complete cds.//8.8e-27:664:63//M34551

F-NT2RP2003567//Homo sapiens mRNA for KIAA0462 protein, partial cds.//4.1e-113:541:98//AB007931

F-NT2RP2003581

F-NT2RP2003596//F.rubripes GSS sequence, clone 036L10aF12, genomic survey sequence.//J1.9e-11:210:65//AL012756

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F-NT2RP2003604//Homo sapiens alpha-catenin-like protein (CTNNAL1) mRNA, complete cds.//1.9e-123:587:98//AF030233

F-NT2RP2003629

5 F-NT2RP2003643//Mus musculus mRNA for CMP-N-acetylneuraminic acid synthetase.//7.8e-88:582:84//AJ006215

F-NT2RP2003668//Homo sapiens clone RG270D13, WORKING DRAFT SEQUENCE, 18 unordered pieces.//5.6e-47:335:83//AC005081

F-NT2RP2003687//Homo sapiens Xp22 BAC GSHB-519E5 (Genome Systems Human BAC library) complete sequence.//1.2e-06:133:74//AC003684

10 F-NT2RP2003691//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 525L6, WORKING DRAFT SEQUENCE.//1.7e-47:337:81//AL023807

F-NT2RP2003702//Rattus norvegicus ovarian-specific protein mRNA, complete cds.//1.3e-65:458:82//U44803

F-NT2RP2003704//H.sapiens CpG island DNA genomic MseI fragment, clone 2a9, reverse read cpg2a9.rt1e.//3.8e-17:170:84//Z60615

15 F-NT2RP2003706//Homo sapiens mRNA for KIAA0525 protein, partial cds.//2.6e-108:518:98//AB011097

F-NT2RP2003713//HS_2016_B1_B05_MR CIT Approved Human Genomic Sperm Library D Homo sapiens genomic clone Plate=2016 Col=9 Row=D, genomic survey sequence.//1.3e-11:102:90//AQ226895

F-NT2RP2003714//Homo sapiens DNA from chromosome 19, BAC 33152, complete sequence.//1.4e-27:249:78//AC003973

20 F-NT2RP2003727//RPC11-77I19.TV RPC11 Homo sapiens genomic clone R-77I19, genomic survey sequence.//3.4e-26:294:74//AQ268303

F-NT2RP2003737//Homo sapiens clone DJ1022I14, WORKING DRAFT SEQUENCE, 14 unordered pieces.//2.6e-74:194:91//AC004951

F-NT2RP2003751//Homo sapiens Chromosome 16 BAC clone CIT987SK-A-911E12, complete sequence.//1.7e-92:165:96//AC003964

25 F-NT2RP2003760//B.primigenius mRNA for coat protein gamma-cop.//4.5e-76:696:73//X92987

F-NT2RP2003764//Homo sapiens gene for MTG16, exon 1b, partial sequence.//1.0:109:69//AB013275

F-NT2RP2003769

F-NT2RP2003770//Homo sapiens chromosome 17, clone hRPC.1050_D_4, complete sequence.//3.0e-96:467:98//AC004771

30 F-NT2RP2003777

F-NT2RP2003781//tricarboxylate carrier [rats, liver, mRNA Partial, 2986 nt].//7.2e-107:731:82//S70011

F-NT2RP2003793//CIT-HSP-2326L12.TF CIT-HSP Homo sapiens genomic clone 2326L12, genomic survey sequence.//7.0e-20:124:95//AQ038761

35 F-NT2RP2003825//Homo sapiens BAC clone RG139P11 from 7q11-q21, complete sequence.//8.9e-06:151:74//AC004491

F-NT2RP2003840//Arabidopsis thaliana chromosome II BAC F12A24 genomic sequence, complete sequence.//0.018:145:69//AC005167

F-NT2RP2003857//HS_3227_A2_G04_T7 CIT Approved Human Genomic Sperm Library D Homo sapiens genomic clone Plate=3227 Col=8 Row=M, genomic survey sequence.//0.96:257:61//AQ303467

40 F-NT2RP2003859

F-NT2RP2003871//Homo sapiens 12q24 PAC RPC11-74B13 (Roswell Park Cancer Institute Human PAC library) complete sequence.//2.0e-12:369:65//AC002375

F-NT2RP2003885//CITBI-E1-2514D6.TF CITBI-E1 Homo sapiens genomic clone 2514D6, genomic survey sequence.//0.13:167:64//AQ265722

45 F-NT2RP2003912//nek1=serine/threonine- and tyrosine-specific protein kinase [mice, erythroleukemia cells, mRNA, 4263 nt].//1.3e-136:838:86//S45828

F-NT2RP2003952

F-NT2RP2003968//Homo sapiens hUBP mRNA for ubiquitin specific protease, complete cds.//2.1e-28:165:96//AB014458

50 F-NT2RP2003976//Human DNA sequence from clone 283E3 on chromosome 1p36.21-36.33. Contains the alternatively spliced gene for Matrix Metalloproteinase in the Female Reproductive tract MIFR1, -2, MMP21/22A, -B and -C, a novel gene, the alternatively spliced CDC2L2 gene for Cell Division Cycle 2-Like 2 (PITSLRE, p58/GTA, Galactosyltransferase Associated Protein Kinase) beta 1, beta 2-1, beta 2-2 and alpha 2-4, a 40S Ribosomal Protein S7 pseudogene, part of the KIAA0447 gene, a novel alternatively spliced gene similar to many (archae) bacterial, worm and yeast hypothetical genes, and the GNB1 gene for Guanine Nucleotide Binding Protein (G protein), Beta polypeptide 1 (Transducin Beta chain 1). Contains putative CpG islands, ESTs, STSs and GSSs, complete sequence.//2.6e-24:298:74//AL031282

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F-NT2RP2003981//Homo sapiens mRNA for KIAA0804 protein, partial cds.//9.9e-160:783:96//AB018347
F-NT2RP2003984
F-NT2RP2003986//Human Chromosome 11 pac pDJ197h17, WORKING DRAFT SEQUENCE, 11 unordered pieces.//1.7e-26:260:77//AC000382
5 F-NT2RP2003988//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 862K6, WORKING DRAFT SEQUENCE.//9.1e-61:701:70//AL031681
F-NT2RP2004013//Human DNA sequence from clone 372K1 on chromosome 6q24 Contains EST, STS, GSS and CpG Island, complete sequence.//3.0e-123:693:91//AL023580
F-NT2RP2004014
10 F-NT2RP2004041//Homo sapiens chromosome 19, cosmid F17127, complete sequence.//5.8e-83:427:87//AC004780
F-NT2RP2004042
F-NT2RP2004066//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 134O19, WORKING DRAFT SEQUENCE.//5.6e-110:528:98//AL034555
15 F-NT2RP2004081
F-NT2RP2004098//HS_2216_A1_B12_MF CIT Approved Human Genomic Sperm Library D Homo sapiens genomic clone Plate=2216 Col=23 Row=C, genomic survey sequence.//1.0e-07:86:84//AQ145694
F-NT2RP2004124//HS_3064_B2_A04_MF CIT Approved Human Genomic Sperm Library D Homo sapiens genomic clone Plate=3064 Col=8 Row=B, genomic survey sequence.//3.0e-25:155:94//AQ136993
20 F-NT2RP2004142//Arabidopsis thaliana genomic DNA, chromosome 5, TAC clone: K8K14, complete sequence.//1.0:220:62//AB007645
F-NT2RP2004152//Drosophila melanogaster DNA sequence (P1_DS02252 (D97)), complete sequence.//0.93:480:56//AC002493
F-NT2RP2004165//Plasmodium falciparum 3D7 chromosome 12 PFYACB8-420 genomic sequence, WORKING DRAFT SEQUENCE, 14 unordered pieces.//0.051:265:61//AC005140
25 F-NT2RP2004170//Homo sapiens distal-less homeobox protein (DLX7) gene, complete cds.//1.0:162:66//AF028235
F-NT2RP2004172//S.pombe chromosome II cosmid c24E9.//1.7e-06:466:59//AL021816
F-NT2RP2004187//Homo sapiens full-length insert cDNA YQ86E07.//3.5e-17:354:64//AF075093
30 F-NT2RP2004194//Rattus norvegicus Golgi SNARE GS15 mRNA, complete cds.//9.4e-53:397:82//AF003998
F-NT2RP2004196
F-NT2RP2004207//Human von Willebrand factor pseudogene corresponding to exons 23 through 34.//0.0023:386:61//M60676
F-NT2RP2004226//HS_2186_A1_D03_MF CIT Approved Human Genomic Sperm Library D Homo sapiens genomic clone Plate=2186 Col=5 Row=G, genomic survey sequence.//7.8e-58:370:87//AQ063813
35 F-NT2RP2004232//H.sapiens mRNA for protein kinase C mu.//1.2e-34:448:67//X75756
F-NT2RP2004239//Homo sapiens lok mRNA for protein kinase, complete cds.//5.2e-108:510:99//AB015718
F-NT2RP2004240//Pyrococcus horikoshii OT3 genomic DNA, 1166001-1485000 nt. position (6/7).//1.1e-12:489:61//AP000006
40 F-NT2RP2004242
F-NT2RP2004245
F-NT2RP2004270//Streptomyces coelicolor cosmid 1A9.//7.5e-07:462:62//AL034446
F-NT2RP2004300//Homo sapiens chromosome 19, cosmid R33632, complete sequence.//3.5e-11:299:64//AC005781
45 F-NT2RP2004316//Homo sapiens EXT-like protein 2 (EXTL2) mRNA, complete cds.//4.5e-150:735:97//AF000416
F-NT2RP2004321//Drosophila melanogaster DNA sequence (P1_DS02110 (D147)), complete sequence.//0.98:267:59//AC004423
F-NT2RP2004339//Human Chromosome 16 BAC clone CIT987SK-A-355G7, complete sequence.//1.6e-40:419:75//AC002519
50 F-NT2RP2004347//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 1018D12, WORKING DRAFT SEQUENCE.//1.2e-72:439:82//AL031650
F-NT2RP2004364
F-NT2RP2004365
F-NT2RP2004366//Human DNA sequence from clone 612B18 on chromosome 1q24-25.3 Contains exon from gene similar to 40S ribosomal protein, first coding exon of dynamin 2 (DYNII). ESTs, STS, GSS, CpG Island, complete sequence.//0.92:427:57//AL031864
55 F-NT2RP2004373//Homo sapiens cosmids Qc15C1 and 94B6 from Xq28, complete sequence.//2.6e-26:493:65//AF035397

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F-NT2RP2004389//HS_2183_B2_H04_MR CIT Approved Human Genomic Sperm Library D Homo sapiens genomic clone Plate=2183 Col=8 Row=P, genomic survey sequence.//2.9e-11:83:96//AQ063969

F-NT2RP2004392

5 F-NT2RP2004396//Homo sapiens BAC clone RG135C18 from 7q21, complete sequence.//1.1e-171:875:95//AC005164

F-NT2RP2004399//Homo sapiens SYBL1 gene.//1.4e-24:467:64//AJ004799

F-NT2RP2004400//Arabidopsis thaliana BAC T19B17 from chromosome IV, near 19.3 cM, complete sequence.//0.00074:455:59//AF069441

10 F-NT2RP2004412//H.sapiens CpG island DNA genomic Mse1 fragment, clone 34g4, reverse read cpg34g4.rt1a.//5.0e-27:154:98//Z65369

F-NT2RP2004425

F-NT2RP2004463//Streptomyces coelicolor cosmid 2E9.//0.0053:196:65//AL021530

F-NT2RP2004476//Drosophila melanogaster cosmid 67A9.//5.2e-15:377:63//AL034388

F-NT2RP2004490//Homo sapiens chromosome 16, P1 clone 94-10H (LANL), complete sequence.//4.3e-100:497:97//AC005591

15 F-NT2RP2004512//Plasmodium falciparum MAL3P5, complete sequence.//2.3e-07:815:57//AL034556

F-NT2RP2004523//Homo sapiens clone DJ0800G07, complete sequence.//8.5e-138:718:95//AC004890

F-NT2RP2004538//Homo sapiens mRNA for KIAA0591 protein, partial cds.//1.4e-137:687:96//AB011163

20 F-NT2RP2004551//CIT-HSP-2387G7.TF.1 CIT-HSP Homo sapiens genomic clone 2387G7, genomic survey sequence.//2.1e-85:484:91//AQ239555

F-NT2RP2004568//H.vulgare GAA-satellite DNA.//2.0e-07:292:62//Z50100

F-NT2RP2004580//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 968D22, WORKING DRAFT SEQUENCE.//4.5e-44:512:72//AL023755

25 F-NT2RP2004587//Candida albicans cytoskeleton assembly control protein (SLA2) gene, partial cds.//1.0:344:56//AF092908

F-NT2RP2004594//nbxb0019H13r CUGI Rice BAC Library Oryza sativa genomic clone nbxb0019H13r, genomic survey sequence.//0.053:324:60//AQ258020

F-NT2RP2004600

30 F-NT2RP2004602//Homo sapiens chromosome 19, cosmid F21431, complete sequence.//0.12:109:73//AC005176

F-NT2RP2004614

F-NT2RP2004655//Homo sapiens mRNA for leucine rich protein.//2.6e-102:496:98//AJ006291

F-NT2RP2004664//Homo sapiens mRNA for KIAA0460 protein, partial cds.//1.6e-153:728:98//AB007929

35 F-NT2RP2004675//Homo sapiens chromosome 12q24.1, WORKING DRAFT SEQUENCE, 33 unordered pieces.//0.092:239:61//AC005805

F-NT2RP2004681//Human DNA sequence from clone 51J23 on chromosome Xq26.3-27.3. Contains an EST and GSSs, complete sequence.//1.0:236:61//AL031312

F-NT2RP2004689//Homo sapiens mRNA for KIAA0625 protein, partial cds.//1.3e-59:327:94//AB014525

40 F-NT2RP2004709//HS_2033_B2_E04_MR CIT Approved Human Genomic Sperm Library D Homo sapiens genomic clone Plate=2033 Col=8 Row=J, genomic survey sequence.//1.9e-15:187:74//AQ230714

F-NT2RP2004710//HS_3185_82_D07_T7 CIT Approved Human Genomic Sperm Library D Homo sapiens genomic clone Plate=3185 Col=14 Row=H, genomic survey sequence.//9.9e-10:110:84//AQ172885

F-NT2RP2004736//Homo sapiens mRNA for KIAA0478 protein, complete cds.//6.4e-117:582:96//AB007947

45 F-NT2RP2004743//Human DNA sequence from PAC 37M17 chromosome X.//0.14:138:71//Z78022

F-NT2RP2004767//H.sapiens CpG island DNA genomic Mse1 fragment, clone 65c11, reverse read cpg65c11.rt1a.//1.3e-24:217:81//Z62210

F-NT2RP2004768//Homo sapiens STE20-like kinase 3 (mst-3)mRNA, complete cds.//1.6e-45:541:71//AF024636

F-NT2RP2004775//Plasmodium falciparum chromosome 2, section 35 of 73 of the complete sequence.//5.8e-13:697:59//AE001398

50 F-NT2RP2004791//Human HeLa mRNA isolated as a false positive in a two-hybrid screen.//5.0e-53:353:84//U56252

F-NT2RP2004799//Homo sapiens ATP-specific succinyl-CoA synthetase beta subunit (SCS) mRNA, partial cds.//1.5e-116:594:95//AF058953 F-NT2RP2004802

F-NT2RP2004816//Homo sapiens H beta 58 homolog mRNA, complete cds.//2.1e-101:495:97//AF054179

55 F-NT2RP2004841//Human DNA sequence from cosmid J138O17, between markers DXS6791 and DXS8038 on chromosome X contains EST CA repeat and an endogenous retroviral like element.//7.6e-82:531:84//Z72519

F-NT2RP2004861//Fugu rubripes GSS sequence, clone 040O17bA3, genomic survey sequence.//0.96:183:64//AL025645

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F-NT2RP2004897//Human Chromosome X clone bWDX187, complete sequence.//4.8e-142:710:96//AC004383
F-NT2RP2004933//Homo sapiens mRNA for ZIP-kinase, complete cds.//2.0e-82:418:95//AB007144
F-NT2RP2004936
5 F-NT2RP2004959//HS_3197_A2_G11_MR CIT Approved Human Genomic Sperm Library D Homo sapiens ge-
nomic clone Plate=3197 Col=22 Row=M, genomic survey sequence.//3.5e-25:218:83//AQ150183
F-NT2RP2004961//Rattus norvegicus KRAB/zinc finger suppressor protein 1 (KS1) mRNA, complete cds.//2.5e-
59:339:79//U56732
F-NT2RP2004962//Human hereditary haemochromatosis region, histone 2A-like protein gene, hereditary haemo-
chromatosis (HLA-H) gene, RoRet gene, and sodium phosphate transporter (NPT3) gene, complete cds.//3.6e-
10 19:187:72//U91328
F-NT2RP2004967//Plasmodium falciparum MAL3P6, complete sequence.//0.0020:297:61//Z98551
F-NT2RP2004978//Chlamydomonas reinhardtii VSP-3 mRNA, complete cds.//0.22:162:69//L29029
F-NT2RP2004982//F26D4-Sp6 IGF Arabidopsis thaliana genomic clone F26D4, genomic survey sequence.//0.13:
273:61//B12642
15 F-NT2RP2004985//Human mRNA for KIAA0144 gene, complete cds.//1.5e-20:431:65//D63478
F-NT2RP2004999
F-NT2RP2005000//Rattus gene for beta-1 subunit of Na,K-ATPase.//0.019:240:63//X63375
F-NT2RP2005001//Homo sapiens mRNA for KIAA0615 protein, complete cds.//6.0e-159:782:97//AB014515
F-NT2RP2005003//H.sapiens Staf50 mRNA.//3.1e-42:430:75//X82200
20 F-NT2RP2005012//Homo sapiens SEC63 (SEC63) mRNA, complete cds.//1.4e-98:501:96//AF100141
F-NT2RP2005018//Homo sapiens PAC clone DJ0659J06, from: 7q33-q35, complete sequence.//1.0:209:63//
AC004849
F-NT2RP2005020
F-NT2RP2005022//Human Chromosome 3 pac pDJ70i11, WORKING DRAFT SEQUENCE, 2 unordered pieces.//
25 3.0e-43:98:93//AC000380
F-NT2RP2005031//HS_2052_B2_G10_MR CIT Approved Human Genomic Sperm Library D Homo sapiens ge-
nomic clone Plate=2052 Col=20 Row=N, genomic survey sequence.//0.019:363:61//AQ231464
F-NT2RP2005037//Human 3' of immunoglobulin heavy chain locus (IGHA2) gene.//0.70:174:65//U64454
F-NT2RP2005038//Homo sapiens chromosome 17, clone hRPK.74_E_22, complete sequence.//0.20:519:57//
30 AC005696
F-NT2RP2005108
F-NT2RP2005116//Homo sapiens mRNA for KIAA0664 protein, partial cds.//2.0e-103:495:98//AB014564
F-NT2RP2005126//H.sapiens mRNA for RNA helicase (Myc-regulated dead box protein).//2.9e-27:157:98//
X98743
35 F-NT2RP2005139//Amycolatopsis mediterranei genes encoding rifamycin polyketide synthases, ORFs 1 to 5.//
0.00024:547:59//AJ223012
F-NT2RP2005140//Homo sapiens chromosome 21, Neurofibromatosis 1 (NF1) related locus, complete se-
quence.//0.95:191:62//AC004527
F-NT2RP2005144//Homo sapiens tubby like protein 3 (TULP3) mRNA, complete cds.//2.6e-89:447:96//AF045583
40 F-NT2RP2005147//HS_3184_A1_E01_MR CIT Approved Human Genomic Sperm Library D Homo sapiens ge-
nomic clone Plate=3184 Col=1 Row=I, genomic survey sequence.//0.10:294:60//AQ252226
F-NT2RP2005159//H.sapiens CpG island DNA genomic MseI fragment, clone 132g6, forward read
cpg132g6.ft1a.//1.1e-13:93:97//Z59162
F-NT2RP2005162//Caenorhabditis elegans cosmid F01F1.//2.6e-20:394:64//U13070
45 F-NT2RP2005168//Homo sapiens mRNA for E1B-55kDa-associated protein.//1.4e-125:633:96//AJ007509
F-NT2RP2005204//Arabidopsis thaliana ubiquitin activating enzyme (UBA1) gene, complete cds.//0.00016:316:
60//U80808
F-NT2RP2005227//Homo sapiens PAC clone DJ0905J08 from 7p12-p14, complete sequence.//0.51:52:92//
AC005189
50 F-NT2RP2005239//S.pombe chromosome II cosmid c21D10.//1.3e-22:356:67//AL031536
F-NT2RP2005254
F-NT2RP2005270//H.sapiens genomic DNA (chromosome 3; clone.NL197R).//0.58:132:65//X87513
F-NT2RP2005276//Rat mRNA for brain acyl-CoA synthetase II, complete cds.//9.0e-103:656:85//D30666
F-NT2RP2005287//Cavia porcellus zinc finger protein (zfoC1) mRNA, complete cds.//3.4e-37:302:84//L26335
55 F-NT2RP2005288//Homo sapiens RCC1-like G exchanging factor.RLG mRNA, complete cds.//7.1e-122:604:96//
AF060219
F-NT2RP2005289//Homo sapiens mRNA for XRP2 protein.//4.0e-140:670:98//AJ007590
F-NT2RP2005293//HS_3245_B1_E10_T7 CIT Approved Human Genomic Sperm Library D Homo sapiens ge-

- nomic clone Plate=3245 Col=19 Row=J, genomic survey sequence//8.2e-37:223:92//AQ217454
 F-NT2RP2005315//Homo sapiens mRNA for KIAA0676 protein, partial cds.//1.1e-95:483:96//AB014576
 F-NT2RP2005325//Human LIM-homeobox domain protein (hLH-2) mRNA, complete cds.//8.2e-22:166:90//
 U11701
 5 F-NT2RP2005336//Homo sapiens snRNA activating protein complex 190kD subunit (SNAP190) mRNA, complete
 cds.//0.39:353:62//AF032387
 F-NT2RP2005344//Homo sapiens mRNA for KIAA0566 protein, partial cds.//8.8e-29:456:66//AB011138
 F-NT2RP2005354//Human DNA sequence from PAC 435C23 on chromosome X. Contains ESTs.//0.72:431:61//
 Z92844
 10 F-NT2RP2005358//Homo sapiens methyl-CpG binding protein MBD3 (MBD3) mRNA, complete cds.//4.7e-99:489:
 96//AF072247
 F-NT2RP2005360//Pan troglodytes huntingtin gene, partial exon.//0.93:105:67//L49358
 F-NT2RP2005393//Rat parathyroid hormone receptor mRNA, complete cds.//2.4e-08:97:83//M77184
 F-NT2RP2005407
 15 F-NT2RP2005436//Homo sapiens chromosome 16, cosmid clone 2H2 (LANL), complete sequence.//0.014:235:
 62//AC005346
 F-NT2RP2005441//CIT-HSP-2338P5.TR CIT-HSP Homo sapiens genomic clone 2338P5, genomic survey se-
 quence.//4.0e-107:532:97//AQ055548
 F-NT2RP2005453//F21C16TFC IGF Arabidopsis thaliana genomic clone F21C16, genomic survey sequence.//
 1.0:239:61//B97865
 20 F-NT2RP2005457//B.taurus Cl-B14.5b mRNA for NADH dehydrogenase (ubiquinone).//4.7e-25:245:79//X68647
 F-NT2RP2005464//Human DNA sequence from clone 836E8 on chromosome 20p12 Contains EST, CA repeat,
 STS, GSS, retroviral sequence, complete sequence.//4.6e-111:724:86//AL031679
 F-NT2RP2005465//Homo sapiens chromosome 19, BAC CIT-B-393i15 (BC301323), complete sequence.//6.5e-
 18:152:75//AC006116
 25 F-NT2RP2005472//Human DNA sequence from clone 1118D24 on chromosome 1p36.11-36.33. Contains part of
 a novel gene similar to worm genes T08G11.1 and C25H3.9, part of a 60S Ribosomal Protein L10 LIKE (pseudo)
 gene and two 3' exons of the TNFR2 gene for Tumor Necrosis Factor-Receptor 2 (75 kD) (TNF Binding Protein 2,
 TBPII, TNF-R2, CD120B, TNFR). Contains ESTs, STSs, GSSs, genomic marker D1S434 and a ca repeat poly-
 morphism, complete sequence.//4.4e-12:89:97//AL031276
 30 F-NT2RP2005476//Homo sapiens BAC clone RG293F17 from 7p15-p21, complete sequence.//4.3e-40:463:73//
 AC004130
 F-NT2RP2005490//Homo sapiens clone NH0001P09, WORKING DRAFT SEQUENCE, 1 unordered pieces.//
 3.2e-115:228:99//AC006030
 35 F-NT2RP2005491//HS_2253_A2_G10_MR CIT Approved Human Genomic Sperm Library D Homo sapiens ge-
 nomic clone Plate=2253 Col=20 Row=M, genomic survey sequence.//4.6e-23:234:80//AQ116847
 F-NT2RP2005495
 F-NT2RP2005496//HS_3064_A1_F08_MR CIT Approved Human Genomic Sperm Library D Homo sapiens ge-
 nomic clone Plate=3064 Col=15 Row=K, genomic survey sequence.//5.3e-90:436:98//AQ143097
 40 F-NT2RP2005498//Rabbit protein phosphatase 2A beta subunit mRNA, complete cds.//1.4e-63:503:78//M64931
 F-NT2RP2005501//Homo sapiens chromosome 10 clone CIT987SK-1143A11 map 10q25, complete sequence.//
 0.86:183:63//AC005880
 F-NT2RP2005509//Homo sapiens cosmid LM1937 from Xq28.//1.0:160:65//U82695
 F-NT2RP2005520//Homo sapiens chromosome-associated protein-E (hCAP-E) mRNA, complete cds.//3.9e-81:
 444:92//AF092563
 45 F-NT2RP2005525//Homo sapiens mRNA for KIAA0764 protein, complete cds.//6.9e-18:112:99//AB018307
 F-NT2RP2005531//Human structural protein 4.1 mRNA, complete cds.//1.1e-06:282:60//M14993
 F-NT2RP2005539//Homo sapiens mRNA for NS1-binding protein (NS1-BP).//2.9e-153:747:97//AJ012449
 F-NT2RP2005540//Homo sapiens mRNA for KIAA0494 protein, complete cds.//5.9e-130:618:98//AB007963
 50 F-NT2RP2005549//Mus musculus clone OST142, genomic survey sequence.//3.1e-43:277:89//AF046734
 F-NT2RP2005555//HS_2188_A2_D04_MR CIT Approved Human Genomic Sperm Library D Homo sapiens ge-
 nomic clone Plate=2188 Col=8 Row=G, genomic survey sequence.//8.0e-05:195:65//AQ086723
 F-NT2RP2005557//Homo sapiens clone 486790 diphosphoinositol polyphosphate phosphohydrolase mRNA,
 complete cds.//2.5e-44:473:71//AF062529
 55 F-NT2RP2005581//Homo sapiens BAC clone GS180J15 from 7q31, complete sequence.//0.99:213:65//AC005016
 F-NT2RP2005600//H.sapiens CpG island DNA genomic MseI fragment, clone 172d12, reverse read
 cpg172d12.n1a.//0.32:134:63//Z57359
 F-NT2RP2005605

- F-NT2RP2005620//Homo sapiens epsin 2a mRNA, complete cds.//9.8e-91:447:97//AF062085
 F-NT2RP2005622
 F-NT2RP2005635//Saccharomyces cerevisiae chromosome VIII cosmid 9205.//8.6e-17:411:61//U10556
 F-NT2RP2005637//NAT1 (NAT1*10)=acetyltransferase 1 {3' region: polyadenylation polymorphism} [human, unre-
 5 lated Caucasians, mRNA Partial Mutant, 300 nt]//0.22:156:65//S78829
 F-NT2RP2005640//Mouse U6 RNA gene.//5.5e-19:249:76//X06980
 F-NT2RP2005645//HS_2201_B2_D07_MF CIT Approved Human Genomic Sperm Library D Homo sapiens ge-
 nomic clone Plate=2201 Col=14 Row=H, genomic survey sequence.//0.30:159:65//AQ066763
 F-NT2RP2005651//H.sapiens DNA sequence.//0.00037:150:66//Z22493
 10 F-NT2RP2005654//Homo sapiens mRNA for KIAA0288 gene, complete cds.//4.7e-07:351:62//AB006626
 F-NT2RP2005669//Homo sapiens KE05 protein mRNA, complete cds.//8.2e-98:472:98//AF064605
 F-NT2RP2005675//Homo sapiens growth suppressor related' (DOC-1R) mRNA, complete cds.//2.4e-94:462:98//
 AF089814
 F-NT2RP2005683//HS-1024-B1-H05-MF.abi CIT Human Genomic Sperm Library C Homo sapiens genomic clone
 15 Plate=CT 803 Col=9 Row=P, genomic survey sequence.//0.99:156:64//B34405
 F-NT2RP2005690//Human pyrroline 5-carboxylate reductase mRNA, complete cds.//7.7e-10:328:61//M77836
 F-NT2RP2005694
 F-NT2RP2005701//Homo sapiens 12p13.3 BAC RPC111-288K12 (Roswell Park Cancer Institute Human BAC Li-
 brary) complete sequence.//0.72:160:65//AC005183
 20 F-NT2RP2005712//Homo sapiens mRNA for KIAA0799 protein, partial cds.//1.6e-124:599:97//AB018342
 F-NT2RP2005719//R.norvegicus mRNA for metallothionein-III.//0.86:117:64//X89603
 F-NT2RP2005722//Human zinc finger protein ZNF136.//2.6e-44:415:77//U09367
 F-NT2RP2005723//Human BAC clone GS542D18 from 7q31-q32, complete sequence.//6.9e-15:153:81//
 AC002528
 25 F-NT2RP2005726//Homo sapiens clone DJ0577P23, WORKING DRAFT SEQUENCE, 28 unordered pieces.//
 5.1e-41:138:95//AC005627
 F-NT2RP2005732//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 291J10, WORKING
 DRAFT SEQUENCE.//0.61:303:60//Z93017
 F-NT2RP2005741//Homo sapiens PALM gene, exon 1 and joined CDS.//0.52:116:67//Y16270
 30 F-NT2RP2005748//Human Kox11 mRNA for zinc finger protein, partial.//0.11:136:66//X52342
 F-NT2RP2005752//Homo sapiens TNFR-related death receptor-6 (DR6) mRNA, complete cds.//7.8e-22:134:96//
 AF068868
 F-NT2RP2005753//Homo sapiens I-1 receptor candidate protein mRNA, complete cds.//1.2e-100:486:98//
 AF082516
 35 F-NT2RP2005763//Human mRNA for KIAA0111 gene, complete cds.//0.00073:425:56//D21853
 F-NT2RP2005767//G.gallus PB1 gene.//2.1e-73:544:80//X90849
 F-NT2RP2005773//Human pyrroline 5-carboxylate reductase mRNA, complete cds.//6.2e-15:153:82//M77836
 F-NT2RP2005775//Sus scrofa mRNA for soluble angiotensin-binding protein, complete cds.//1.2e-121:649:88//
 D11336
 40 F-NT2RP2005781//Pseudomonas aeruginosa gene for MexX and MexY, complete cds.//0.96:184:60//AB015853
 F-NT2RP2005784//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 1185N5, WORKING
 DRAFT SEQUENCE.//1.9e-63:222:96//AL034423
 F-NT2RP2005804//Oryza sativa glycine-rich protein (OSGRR1) mRNA, complete cds.//2.6e-07:232:64//
 AF010579
 45 F-NT2RP2005812
 F-NT2RP2005815//Streptomyces sp. gene for alkaline serine protease I.//0.031:358:59//X74103
 F-NT2RP2005835//Rattus norvegicus mRNA for p47, complete cds.//2.5e-107:449:91//AB002086
 F-NT2RP2005841//Human DNA sequence from cosmid U209G1 on chromosome X.//5.1e-05:144:73//Z68873
 F-NT2RP2005853//RPC111-24D4.TKBF RPCI-11 Homo sapiens genomic clone RPCI-11-24D4, genomic survey
 50 sequence.//6.4e-13:130:85//AQ013490
 F-NT2RP2005857//Homo sapiens chromosome-associated protein C (hCAP-C) mRNA, partial cds.//1.7e-174:
 829:98//AF092564
 F-NT2RP2005859//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 914P20, WORKING
 DRAFT SEQUENCE.//0.25:174:62//AL034553
 55 F-NT2RP2005868//Fugu rubripes GSS sequence, clone 103I24aF4, genomic survey sequence.//7.8e-06:92:79//
 AL027276
 F-NT2RP2005886//HS_3187_A2_D08_T7 CIT Approved Human Genomic Sperm Library D Homo sapiens ge-
 nomic clone Plate=3187 Col=16 Row=G, genomic survey sequence.//7.1e-95:494:95//AQ155885

- F-NT2RP2005890//Mouse oncogene (ect2) mRNA, complete cds.//2.7e-32:660:66//L11316
 F-NT2RP2005901//H.sapiens CpG island DNA genomic MseI fragment, clone 15b5, reverse read cpg15b5.rt1a.//0.0026:66:84//Z54729
- 5 F-NT2RP2005908//Homo sapiens 12q13.1 PAC RPCI3-197B17 (Roswell Park Cancer Institute Human PAC library) complete sequence.//6.4e-49:481:75//AC004241
 F-NT2RP2005933//Rattus norvegicus nucleoporin p54 mRNA, complete cds.//6.6e-61:657:73//U63840
 F-NT2RP2005942//H.sapiens PAP mRNA.//1.6e-46:618:67//X76770
 F-NT2RP2005980//Homo sapiens chromosome 17, clone hRPC:1081_P_3, complete sequence.//1.0e-48:533:71//AC005207
- 10 F-NT2RP2006023//HS_3048_A1_A11_MF CIT Approved Human Genomic Sperm Library D Homo sapiens genomic clone Plate=3048 Col=21 Row=A, genomic survey sequence.//2.1e-25:167:91//AQ126553
 F-NT2RP2006038//CIT-HSP-384K4.TR CIT-HSP Homo sapiens genomic clone 384K4, genomic survey sequence.//3.9e-06:102:74//B51912
 F-NT2RP2006043//Human intercrine-alpha (hIRH) mRNA, complete cds.//1.9e-05:418:59//U19495
- 15 F-NT2RP2006052//Peromyscus polionotus ammobates dinucleotide microsatellite Ppa55.//0.0035:226:65//AF016861
 F-NT2RP2006069//Human HepG2 partial cDNA, clone hmd3g02m5.//3.9e-11:121:85//D17047
 F-NT2RP2006071
 F-NT2RP2006098//Homo sapiens chromosome 21q22.2, cosmid D13C2, complete sequence.//0.46:264:59//AF027207
- 20 F-NT2RP2006100//Human Chromosome X, complete sequence.//3.2e-94:488:95//AC004073
 F-NT2RP2006103//HS_2254_A2_D02_MR CIT Approved Human Genomic Sperm Library D Homo sapiens genomic clone Plate=2254 Col=4 Row=G, genomic survey sequence.//5.7e-27:156:96//AQ129602
 F-NT2RP2006106//Human Chromosome 11 pac pDJ1173a5, complete sequence.//11.2e-62:655:71//AC000378
- 25 F-NT2RP2006141//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 537K23, WORKING DRAFT SEQUENCE.//1.2e-69:316:98//AL034405
 F-NT2RP2006166//Homo sapiens chromosome 4 clone B32I8, complete sequence.//3.1e-45:387:81//AC004063
 F-NT2RP2006184//Cricetulus griseus beta-1,6-N-acetylglucosaminyltransferase Lec4A cell line point mutant mRNA, complete cds.//0.99:111:73//U62587
- 30 F-NT2RP2006186//Homo Sapiens mRNA for KIAA0654 protein, partial cds.//7.8e-113:567:96//AB014554
 F-NT2RP2006196//Homo sapiens clone DJ1189D06, complete sequence.//2.8e-28:718:62//AC005232
 F-NT2RP2006200//Homo sapiens chromosome 12p13.3 clone RPCI1-96H9, WORKING DRAFT SEQUENCE, 66 unordered pieces.//6.5e-83:239:94//AC006057
 F-NT2RP2006219//H.sapiens mRNA for DGCR6 protein.//1.4e-116:618:93//X96484
- 35 F-NT2RP2006237//CIT-HSP-2300P9.TR CIT-HSP Homo sapiens genomic clone 2300P9, genomic survey sequence.//2.0e-18:118:97//AQ012480
 F-NT2RP2006238//Rattus norvegicus CTD-binding SR-like protein rA8 mRNA, complete cds.//7.6e-102:635:86//U49055
 F-NT2RP2006258//RPCI11-9N9.TP RPCI-11 Homo sapiens genomic clone RPCI-11-9N9, genomic survey sequence.//8.6e-05:181:63//B71615
- 40 F-NT2RP2006261//H.sapiens mRNA for serine/threonine protein kinase EMK.//0.44:111:71//X97630
 F-NT2RP2006275//Pseudorabies virus UL[5,6,7,8,8.5,9,10,11,12,13] genes.//2.0e-05:501:59//X97257
 F-NT2RP2006312//Homo sapiens BAF57 (BAF57) gene, complete cds.//2.7e-138:679:97//AF035262
 F-NT2RP2006320//P.falciparum pfmdr1 gene.//0.00013:425:60//X56851
- 45 F-NT2RP2006321//Homo sapiens DNA from chromosome 19, BAC 33152, complete sequence.//4.1e-19:545:62//AC003973
 F-NT2RP2006323//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 745I14, WORKING DRAFT SEQUENCE.//8.9e-18:131:90//AL033532
 F-NT2RP2006333//Homo sapiens PAC clone DJ0808A01 from 7q21.1-q31.1, complete sequence.//6.2e-125:602:98//AC004893
- 50 F-NT2RP2006334//Homo sapiens chromosome 19, cosmid R27139, complete sequence.//2.1e-06:241:65//AC005514
 F-NT2RP2006365//Fugu rubripes GSS sequence, clone 171K15aC5, genomic survey sequence.//7.8e-06:148:70//AL029590
- 55 F-NT2RP2006393//Human DNA sequence from clone 80I19 on chromosome 6p21.31-22.2 Contains genes and pseudogenes for olfactory receptor-like proteins, STS, GSS, complete sequence.//6.8e-06:167:70//AL022727
 F-NT2RP2006436//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone Y313F4, WORKING DRAFT SEQUENCE.//4.2e-92:363:84//AL023808

F-NT2RP2006441
 F-NT2RP2006454//Sequence 8 from Patent WO9517522 //2.9e-06:180:66//A45338
 F-NT2RP2006456
 F-NT2RP2006464//Homo sapiens mRNA for AND-1 protein //3.4e-148:545:98//AJ006266
 5 F-NT2RP2006467//Sus scrofa IgM heavy chain gene, switch region and exons encoding ch1-ch4 and secretion domains, partial cds //0.061:201:66//U50149
 F-NT2RP2006472
 F-NT2RP2006534//Human DNA sequence from clone 272E8 on chromosome Xp22.13-22.31. Contains a pseudogene similar to MDM2-Like P53-binding protein gene. Contains STSS, GSSs and a CA repeat polymorphism, complete sequence //8.8e-10:273:66//Z93929
 10 F-NT2RP2006554//Human DNA mismatch repair protein homolog (hMLH1) gene, exon 6 //0.71:174:59//U40965
 F-NT2RP2006565//Homo sapiens secretory carrier-associated membrane protein (SCAMP) mRNA, complete cds //6.6e-114:669:90//AF038966
 F-NT2RP2006571//Rabbit cytochrome P-450 isozyme 2 (type-B2) mRNA, complete cds, clone B2-1 //6.0e-26:
 15 503:63//M20855
 F-NT2RP2006573//Mollusca contagiosum virus subtype 1, complete genome //0.44:134:71//U60315
 F-NT2RP2006598//Human BRCA2 region, mRNA sequence CG033 //5.0e-16:140:85//U50537
 F-NT2RP3000002//***ALU WARNING: Human Alu-Sc subfamily consensus sequence //3.8e-32:214:89//U14571
 F-NT2RP3000031//Homo sapiens mRNA for histone deacetylase-like protein (JM21) //5.8e-136:637:98//
 20 AJ011972
 F-NT2RP3000046//Bovine herpesvirus type 1 early-intermediate transcription control protein (BICP4) gene, complete cds //5.4e-05:571:60//L14320
 F-NT2RP3000047
 F-NT2RP3000050//Figure 2. Nucleotide and translated protein sequences of HPF1, -2, and -9 //1.0e-67:626:74//
 25 M27877
 F-NT2RP3000055//Genomic sequence from Human 9q34, complete sequence //3.5e-10:394:64//AC001227
 F-NT2RP3000068
 F-NT2RP3000072//Homo sapiens BAC clone RG290G13 from 7q21, complete sequence //1.0:301:61//AC004746
 F-NT2RP3000080//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 102D24, WORKING
 30 DRAFT SEQUENCE //1.9e-44:297:79//AL021391
 F-NT2RP3000085//Arabidopsis thaliana 3-methylcrotonyl-CoA carboxylase precursor mRNA, complete cds //4.5e-33:528:65//U12536
 F-NT2RP3000092//RPC11-22M5.TV RPC1-11 Homo sapiens genomic clone RPC1-11-22M5, genomic survey sequence //3.3e-27:157:97//B84237
 35 F-NT2RP3000109//Arabidopsis thaliana 1-amino-1-cyclopropanecarboxylate synthase (ACS5) gene, complete cds //0.92:185:64//L29260
 F-NT2RP3000134//Homo sapiens PAC clone DJ0905J08 from 7p12-p14, complete sequence //1.2e-112:286:89//AC005189
 F-NT2RP3000142//Homo sapiens mRNA for KIAA0592 protein, partial cds //9.0e-181:849:98//AB011164
 40 F-NT2RP3000149//Homo sapiens chromosome 17, clone hRPK.264_B_14, complete sequence //4.2e-24:155:94//AC005884
 F-NT2RP3000186//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 500L14, WORKING DRAFT SEQUENCE //7.2e-43:269:81//AL023583
 F-NT2RP3000197//Homo sapiens interleukin 9 receptor (IL9R) pseudogene, exons 1-9 //0.098:405:57//L39063
 45 F-NT2RP3000207//Drosophila melanogaster DNA sequence (P1_DS00164 (D269)), complete sequence //0.96:608:55//AC004716
 F-NT2RP3000220
 F-NT2RP3000233//Homo sapiens actin binding protein MAYVEN mRNA, complete cds //2.0e-18:509:58//AF059569
 50 F-NT2RP3000235//Mouse Cosmid ma53a016 from 14D1-D2, complete sequence //3.5e-05:224:65//AC004101
 F-NT2RP3000247//Human mRNA for KIAA0218 gene, complete cds //2.1e-109:691:86//D86972
 F-NT2RP3000251//Caenorhabditis elegans cosmid ZK930, complete sequence //0.20:119:68//Z70213
 F-NT2RP3000252//Homo sapiens cosmid 1F1, complete sequence //9.8e-78:174:88//AF065393
 F-NT2RP3000255
 55 F-NT2RP3000267
 F-NT2RP3000299//Mus musculus Crk-associated substrate (Cas-b) mRNA, complete cds //5.9e-48:374:82//U48853
 F-NT2RP3000312//Fruit fly (D.melanogaster) Glued mRNA, complete cds //4.9e-22:583:63//J02932

- F-NT2RP3000320//RPCI11-36J1.TP RPCI-11 Homo sapiens genomic clone RPCI-11-36J1, genomic survey sequence.//4.4e-06:87:88//AQ047107
- F-NT2RP3000324//Rattus norvegicus potassium channel regulator 1 mRNA, complete cds.//5.5e-26:283:79//U78090
- 5 F-NT2RP3000333//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 973M2, WORKING DRAFT SEQUENCE.//1.0:309:60//AL033533
- F-NT2RP3000341//Homo sapiens DNA sequence from PAC 95C20 on chromosome Xp11.3-11.4. Contains STSs and the DXS7 locus with GT and GTG repeat polymorphisms, complete sequence.//6.7e-42:465:74//Z97181
- F-NT2RP3000348
- 10 F-NT2RP3000350//Homo sapiens cosmid 1F1, complete sequence.//3.4e-79:174:88//AF065393
- F-NT2RP3000359//Bovine mitochondrial GTP:AMP phosphotransferase mRNA, complete cds.//2.2e-127:816:85//M25757
- F-NT2RP3000361//Schizosaccharomyces pombe DNA for pre-mRNA splicing factor, complete cds.//0.0075:288:58//D83743
- 15 F-NT2RP3000366//Mus musculus ras-related protein (rab18) mRNA, complete cds.//7.1e-134:693:94//L04966
- F-NT2RP3000393//Rattus norvegicus mRNA for GABA-B R2 receptor.//0.049:308:60//AJ011318
- F-NT2RP3000397//S.cerevisiae chromosome VII reading frame ORF YGL120c.//0.00012:441:58//Z72642
- F-NT2RP3000403//Homo sapiens formin binding protein 21 mRNA, complete cds.//5.0e-174:841:97//AF071185
- F-NT2RP3000418//Homo sapiens chromosome 17, clone hRPK.1053_B_8, complete sequence.//7.9e-53:817:68//AC006083
- 20 F-NT2RP3000433//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 862K6, WORKING DRAFT SEQUENCE.//6.1e-31:590:63//AL031681
- F-NT2RP3000439//Fugu rubripes GSS sequence, clone 075E22aB10, genomic survey sequence.//4.0e-19:169:81//AL026471
- 25 F-NT2RP3000441//Human DNA sequence from PAC 93H18 on chromosome 6 contains ESTs heterochromatin protein HP1Hs-gamma pseudogene, STS and CpG island.//2.4e-41:459:65//Z84488
- F-NT2RP3000449//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 1018D12, WORKING DRAFT SEQUENCE.//1.1e-100:365:87//AL031650
- F-NT2RP3000451//HS_2024_A1_E10_T7 CIT Approved Human Genomic Sperm Library D Homo sapiens genomic clone Plate=2024 Col=19 Row=I, genomic survey sequence.//0.011:367:57//AQ229420
- 30 F-NT2RP3000456//CIT-HSP-2338P5.TR CIT-HSP Homo sapiens genomic clone 2338P5, genomic survey sequence.//1.5e-89:458:96//AQ055548
- F-NT2RP3000484//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 90L6, WORKING DRAFT SEQUENCE.//0.043:147:70//Z97353
- 35 F-NT2RP3000487//H.sapiens CpG island DNA genomic MseI fragment, clone 11b11, forward read cpg11b11.ft1a.//1.7e-11:96:92//Z64440
- F-NT2RP3000512//Human HOX2G mRNA from the Hox2 locus.//9.7e-17:109:97//X16667
- F-NT2RP3000526//Homo sapiens full-length insert cDNA clone YZ38E04.//4.1e-30:283:76//AF086071
- F-NT2RP3000527//Human mRNA for KIAA0211 gene, complete cds.//2.5e-34:706:63//D86966
- 40 F-NT2RP3000531//Mus musculus immunosuperfamily protein B12 mRNA, complete cds.//1.9e-14:220:70//AF061260
- F-NT2RP3000542//Human Chromosome 11p11.2 PAC clone pDJ404m15, complete sequence.//0.00019:361:60//AC002554
- F-NT2RP3000561//Homo sapiens PAC clone DJ0942I16 from 7q11, complete sequence.//9.0e-171:827:98//AC006012
- 45 F-NT2RP3000562
- F-NT2RP3000578//F.rubripes GSS sequence, clone 013G07cE7, genomic survey sequence.//1.7e-25:284:74//AL011271
- F-NT2RP3000582//CIT978SK-A-56H4.TP CIT978SK Homo sapiens genomic clone A-56H4, genomic survey sequence.//5.8e-07:239:66//B73597
- 50 F-NT2RP3000584
- F-NT2RP3000590//H.sapiens CpG island DNA genomic MseI fragment, clone 170d7, forward read cpg170d7.ft1a.//3.0e-22:128:100//Z59723
- F-NT2RP3000592//CIT-HSP-2288J7.TR CIT-HSP Homo sapiens genomic clone 2288J7, genomic survey sequence.//2.2e-78:382:98//B98868
- 55 F-NT2RP3000596//CIT-HSP-2375J10.TR CIT-HSP Homo sapiens genomic clone 2375J10, genomic survey sequence.//0.00076:143:67//AQ109305
- F-NT2RP3000599//Caenorhabditis elegans cosmid T19B10, complete sequence.//1.2e-13:295:66//Z74043

- F-NT2RP3000603//Bovine herpesvirus type 1 early-intermediate transcription control protein (BICP4) gene, complete cds.//0.37:520:57//L14320
- F-NT2RP3000605//Homo sapiens chromosome 19, cosmid F20900, complete sequence.//8.8e-155:526:97//AC006128
- 5 F-NT2RP3000622//HS_3213_A2_D02_T7 CIT Approved Human Genomic Sperm Library D Homo sapiens genomic clone Plate=3213 Col=4 Row=G, genomic survey sequence.//4.1e-29:238:85//AQ175104
- F-NT2RP3000624//Homo sapiens clone DJ0800G07, complete sequence.//0.47:75:80//AC004890
- F-NT2RP3000628//Human DNA sequence from clone 581F12 on chromosome Xq21. Contains Eukaryotic Translation Initiation Factor EIF3 P35 Subunit and 60S Ribosomal protein L22 pseudogenes. Contains ESTs, complete
- 10 sequence.//0.078:393:58//AL031313
- F-NT2RP3000632//Human zinc finger protein zfp6 (ZF6) mRNA, partial cds.//1.4e-96:541:79//U71363
- F-NT2RP3000644//Homo sapiens clone RG315H11, WORKING DRAFT SEQUENCE, 5 unordered pieces.//5.2e-46:421:77//AC005089
- F-NT2RP3000661
- 15 F-NT2RP3000665//Human DNA sequence from clone 1191B2 on chromosome 22q13.2-13.3. Contains part of the BIK (NBK, BP4, BIP1) gene for BCL2-interacting killer (apoptosis-inducing), a 40S Ribosomal Protein S25 pseudogene and part of an alternatively spliced novel Acyl Transferase gene similar to C. elegans C50D2.7. Contains ESTs, STSs, GSSs, two putative CpG islands and genomic marker D22S1151, complete sequence.//1.7e-11:292:65//AL022237
- 20 F-NT2RP3000685//H.sapiens mRNA for novel protein.//2.4e-80:460:92//X99961
- F-NT2RP3000690//H.sapiens flow-sorted chromosome 6 TaqI fragment, SC6pA10F6.//1.0:141:65//Z77872
- F-NT2RP3000736//Human mRNA for KIAA0140 gene, complete cds.//6.1e-20:127:96//D50930
- F-NT2RP3000739//Rattus norvegicus golgi peripheral membrane protein p65 (GRASP65) mRNA, complete cds.//1.1e-46:622:67//AF015264
- 25 F-NT2RP3000742//Rattus norvegicus phospholipase C delta-4 mRNA, complete cds.//4.7e-37:429:70//U16655
- F-NT2RP3000753
- F-NT2RP3000759//Caenorhabditis elegans cosmid Y57G11C, complete sequence.//2.8e-38:519:69//Z99281
- F-NT2RP3000815//HS_2237_A2_D12_MF CIT Approved Human Genomic Sperm Library D Homo sapiens genomic clone Plate=2237 Col=24 Row=G, genomic survey sequence.//0.79:151:61//AQ067252
- 30 F-NT2RP3000825//Campanula ramosa chloroplast NADH dehydrogenase (ndhF) gene, complete cds.//0.36:378:58//L39387
- F-NT2RP3000826//Suid herpesvirus 1 Kaplan glycoprotein L (UL1) and uracil-DNA glycosylase (UL2) genes, complete cds, and (UL3) gene, partial cds.//0.0025:291:62//U02513
- F-NT2RP3000836//Mouse complement factor H-related protein mRNA, complete cds, clone 9C4.//0.69:563:57//M29009
- 35 F-NT2RP3000841//Human DNA sequence from PAC 121G13 on chromosome 6 contains flow sorted chromosome 6 HindIII fragment ESTs. polymorphic CA repeat, CpG island, CpG island genomic fragments.//2.1e-46:666:68//Z86062
- F-NT2RP3000845//Homo sapiens chromosome 19, cosmid R31237, complete sequence.//3.4e-92:193:93//AC005581
- 40 F-NT2RP3000847//Human HepG2 3' region cDNA, clone hmd5d02.//3.4e-32:261:81//D16938
- F-NT2RP3000850//Homo sapiens clone RG271G13, WORKING DRAFT SEQUENCE, 7 unordered pieces.//5.1e-44:358:81//AC005082
- F-NT2RP3000852//Homo sapiens DNA sequence from PAC 117P20 on chromosome 1q24. Contains the LNHR (SELL) gene coding for Lymph Node Homing Receptor (L-Selectin precursor, LAM-1 Leukocyte Adhesion Molecule, Leukocyte surface antigen Leu-8, TQ1, GP90-MEL, LECAM1 Leukocyte-Endothelial Cell Adhesion Molecule 1, CD62L). Contains the SELE gene coding for E-Selectin precursor (CD62E, ELAM-1 Endothelial Leukocyte
- 45 Adhesion Molecule 1, LECAM-2 Leukocyte-Endothelial Cell Adhesion Molecule 2). Contains an unknown gene with homology to predicted yeast, plant and worm proteins. Contains ESTs and STSs, complete sequence.//4.4e-123:150:98//AL021940
- 50 F-NT2RP3000859//T19M2TF TAMU Arabidopsis thaliana genomic clone T19M2, genomic survey sequence.//0.016:185:65//B60831
- F-NT2RP3000865
- F-NT2RP3000868//Human ovarian cancer downregulated myosin heavy chain homolog (Doc1) mRNA, complete cds.//2.0e-29:766:60//U53445
- 55 F-NT2RP3000869//H.sapiens gene for plectin.//1.1e-12:700:60//Z54367
- F-NT2RP3000875//HS_2236_B1_G10_MF CIT Approved Human Genomic Sperm Library D Homo sapiens genomic clone Plate=2236 Col=19 Row=N, genomic survey sequence.//0.98:153:68//AQ154007
- F-NT2RP3000901//Human herpesvirus 2 glycoprotein B precursor (UL27) gene, complete cds.//0.44:213:65//

AF021340

F-NT2RP3000904//Rat Na⁺ channel mRNA, 3' end.//3.6e-106:505:99//M27223

F-NT2RP3000917//Mouse mRNA for Dhml protein, complete cds.//3.1e-132:691:93//D38517

F-NT2RP3000919//Rattus norvegicus golgi peripheral membrane protein p65 (GRASP65) mRNA, complete cds.//3.2e-97:585:88//AF015264

F-NT2RP3000968//Human Chromosome 16 BAC clone CIT987SK-A-234F9, complete sequence.//5.8e-70:181:89//U91326

F-NT2RP3000980//R.norvegicus CYP3A1 gene, 5' flanking region.//6.1e-26:507:66//X98335

F-NT2RP3000994//HS-1049-B2-F03-MF.abi CIT Human Genomic Sperm Library C Homo sapiens genomic clone Plate=CT 771 Col=6 Row=L, genomic survey sequence.//1.5e-22:128:100//B39529

F-NT2RP3001004//H.sapiens CpG island DNA genomic MseI fragment, clone 39c1, reverse read cpg39c1.rt1a./15.9e-27:150:99//Z60925

F-NT2RP3001007//Homo sapiens clone NH0319F03, WORKING DRAFT SEQUENCE, 3 unordered pieces.//0.11:610:57//AC006039

F-NT2RP3001055//Drosophila melanogaster; Chromosome 2R; Region 47F1-47F7; P1 clone DS02304, WORKING DRAFT SEQUENCE, 5 unordered pieces.//1.8e-23:352:67//AC005653

F-NT2RP3001057//H.sapiens HZF4 mRNA for zinc finger protein.//1.4e-49:437:77//X78927

F-NT2RP3001081//Homo sapiens RCC1-like G exchanging factor RLG mRNA, complete cds.//8.4e-50:534:74//AF060219

F-NT2RP3001084//Homo sapiens mRNA for KIAA0782 protein; partial cds.//1.2e-14:474:60//AB018325

F-NT2RP3001096//CIT-HSP-2305P8.TF CIT-HSP Homo sapiens genomic clone 2305P8, genomic survey sequence.//3.4e-37:222:93//AQ021278

F-NT2RP3001107//Human mRNA for KIAA0215 gene, complete cds.//8.5e-33:712:64//D86969

F-NT2RP3001109//Human Chromosome 15q26.1 PAC clone pDJ457j11 containing DNA polymerase gamma (polg) gene, complete sequence.//2.7e-116:186:99//AC005317

F-NT2RP3001111

F-NT2RP3001113//Human DNA sequence from cosmid U157D4, between markers DXS366 and DXS87 on chromosome X.//2.4e-05:702:58//Z68871

F-NT2RP3001115//Homo sapiens PAC clone DJ0905J08 from 7p12-p14, complete sequence.//1.9e-170:821:98//AC005189

F-NT2RP3001116//HS_3075_A1_F01_MF CIT Approved Human Genomic Sperm Library D Homo sapiens genomic clone Plate=3075 Col=1 Row=K, genomic survey sequence.//7.3e-49:290:92//AQ120581

F-NT2RP3001119//Human DNA sequence from clone 612B18 on chromosome 1q24-25.3 Contains exon from gene similar to 40S ribosomal protein, first coding exon of dynamin 2 (DYNII). ESTs, STS, GSS, CpG Island, complete sequence.//1.4e-121:598:97//AL031864

F-NT2RP3001120//Human zinc finger protein ZNF136.//7.4e-76:687:75//U09367

F-NT2RP3001126//Bovine herpesvirus type 1 DNA for UL36, UL37, UL38, UL39, UL40 and UL41.//6.8e-05:344:64//Z49078

F-NT2RP3001133//Nephila clavipes minor ampullate silk protein MiSp1 mRNA, partial cds.//0.00021:529:60//AF027735

F-NT2RP3001140//Homo sapiens mRNA for KIAA0762 protein; partial cds.//3.6e-179:851:98//AB018305

F-NT2RP3001147//RPCI11-3M16.TP RPCI-11 Homo sapiens genomic clone RPCI-11-3M16, genomic survey sequence.//2.1e-15:106:96//B48859

F-NT2RP3001150//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 423B22, WORKING DRAFT SEQUENCE.//2.0e-159:418:95//AL034379

F-NT2RP3001155//Homo sapiens mRNA for AND-1 protein.//5.1e-190:891:98//AJ006266

F-NT2RP3001176//Human DNA sequence from clone 879K22 on chromosome 1q32.1-41 Contains GSS, complete sequence.//1.1e-69:207:97//AL034351

F-NT2RP3001214//Plasmodium falciparum 3D7 chromosome 12 PFYACB8-628 genomic sequence, WORKING DRAFT SEQUENCE, 9 unordered pieces.//0.16:475:58//AC005507

F-NT2RP3001216//Homo sapiens clone DJ0635O05, WORKING DRAFT SEQUENCE, 7 unordered pieces.//3.3e-05:561:56//AC004845

F-NT2RP3001221

F-NT2RP3001232//Mouse mRNA for serine protease PC6, complete cds.//1.0e-11:120:87//D12619

F-NT2RP3001236

F-NT2RP3001239//Mouse MAP1B mRNA for MAP1B microtubule-associated protein.//3.9e-19:501:61//X51396

F-NT2RP3001245//CITBI-E1-2505C1.TF.1 CITBI-E1 Homo sapiens genomic clone 2505C1, genomic survey sequence.//8.5e-70:337:100//AQ242007

- F-NT2RP3001253//CITBI-E1-2505N14.TR CITBI-E1 Homo sapiens genomic clone 2505N14, genomic survey sequence.//0.83:235:60//AQ260430
- F-NT2RP3001260//Homo sapiens mRNA for KIAA0726 protein, complete cds.//3.8e-47:761:64//AB018269
- 5 F-NT2RP3001268//Homo sapiens zinc finger protein (HZF6) mRNA, 5' UTR and partial cds.//2.3e-64:618:72//AF027513
- F-NT2RP3001272//Mus musculus mRNA for macrophage actin-associated-tyrosine-phosphorylated protein.//2.6e-99:669:83//Y18101
- F-NT2RP3001274//Human ABL gene, exon 1b and intron 1b, and putative M8604 Met protein (M8604 Met) gene, complete cds.//0.99:400:58//U07561
- 10 F-NT2RP3001281//Homo sapiens chromosome 17, clone hRPK:318_A_15, complete sequence.//5.9e-39:304:70//AC005837
- F-NT2RP3001297//Human mRNA for KIAA0281 gene, complete cds.//7.6e-47:544:69//D87457
- F-NT2RP3001307//Ambystoma tigrinum RPE65 protein mRNA, complete cds.//2.4e-27:547:63//AF047465
- F-NT2RP3001318//Plasmodium falciparum 3D7 chromosome 12 PFYAC1122 genomic sequence, WORKING
- 15 DRAFT SEQUENCE, 3 unordered pieces.//0.00022:624:60//AC004709
- F-NT2RP3001325//Caenorhabditis elegans cosmid F36H12.//0.25:523:59//AF078790
- F-NT2RP3001338//Human mRNA for KIAA0211 gene, complete cds.//5.1e-29:345:73//D86966
- F-NT2RP3001339//Rattus norvegicus myotonic dystrophy kinase-related Cdc42-binding kinase (MRCK) mRNA, complete cds.//1.2e-151:821:91//AF021935
- 20 F-NT2RP3001340//Homo sapiens HMG box factor SOX-13 mRNA, complete cds.//5.3e-27:247:81//AF083105
- F-NT2RP3001355//Homo sapiens Chromosome 22q11.2 BAC Clone 77h2 In CES Region, WORKING DRAFT SEQUENCE, 7 unordered pieces.//2.1e-16:130:76//AC000052
- F-NT2RP3001356
- F-NT2RP3001374
- 25 F-NT2RP3001383//Homo sapiens DNA sequence from PAC 140C12 on chromosome 6q26-q27.//0.00082:365:61//AL008628
- F-NT2RP3001384//Homo sapiens HRIHFB2018 mRNA, partial cds.//6.4e-157:743:98//AB015332
- F-NT2RP3001392//Human DNA sequence from PAC 302D9 on chromosome 22q11.2-qter. Contains STS, complete sequence.//0.045:359:61//Z82198
- 30 F-NT2RP3001396//Drosophila melanogaster DNA sequence (P1-DS08860 (D181)), complete sequence.//1.3e-16:336:65//AC004296
- F-NT2RP3001398//Mus musculus zinc finger protein (Zfp64) mRNA, complete cds.//3.1e-100:711:82//U49046
- F-NT2RP3001399//Homo sapiens PAC clone DJ1106E03 from 7q31.3-7q3, complete sequence.//5.4e-20:245:73//AC005521
- 35 F-NT2RP3001407//RPCI11-41A20.TP RPCI-11 Homo sapiens genomic clone RPCI-11-41A20, genomic survey sequence.//0.051:306:59//AQ029031
- F-NT2RP3001420//Human DNA sequence from PAC 12409 on chromosome 6q21. Contains DNAJ2 (HDJ1) like pseudogene, ESTs, STSs and GSSs.//0.90:170:65//AL021327
- F-NT2RP3001426//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 126A5, WORKING
- 40 DRAFT SEQUENCE.//2.9e-89:138:98//AL031447
- F-NT2RP3001427//CIT-HSP-2302H24.TF CIT-HSP Homo sapiens genomic clone 2302H24, genomic survey sequence.//8.1e-36:212:94//AQ020997
- F-NT2RP3001428//Human nuclear pore complex-associated protein TPR (tpr) mRNA, complete cds.//8.5e-73:431:91//U69668
- 45 F-NT2RP3001432//HS_3032_B1_A03_MF CIT Approved Human Genomic Sperm Library D Homo sapiens genomic clone Plate=3032 Col=5 Row=B, genomic survey sequence.//0.00024:111:76//AQ096619
- F-NT2RP3001447
- F-NT2RP3001449//Human DNA sequence from clone 283E3 on chromosome 1p36.21-36.33. Contains the alternatively spliced gene for Matrix Metalloproteinase in the Female Reproductive tract MIFR1, -2, MMP21/22A, -B and -C, a novel gene, the alternatively spliced CDC2L2 gene for Cell Division Cycle 2-Like 2 (PITSLRE, p58/GTA, Galactosyltransferase Associated Protein Kinase) beta 1, beta 2-1, beta 2-2 and alpha 2-4, a 40S Ribosomal Protein S7 pseudogene, part of the KIAA0447 gene, a novel alternatively spliced gene similar to many (archae) bacterial, worm and yeast hypothetical genes, and the GNB1 gene for Guanine Nucleotide Binding Protein (G protein), Beta polypeptide 1 (Transducin Beta chain 1). Contains putative CpG islands, ESTs, STSs and GSSs,
- 50 complete sequence.//2.1e-105:223:99//AL031282
- 55 F-NT2RP3001453//Ralstonia sp. E2 positive phenol-degradative gene regulator (poxR), phenol hydroxylase components (poxA, poxB, poxC, poxD, poxE, poxF), and ferredoxin-like protein (poxG) genes, complete cds.//0.75:349:59//AF026065

F-NT2RP3001457
 F-NT2RP3001459
 F-NT2RP3001472//Homo sapiens Sox-like transcriptional factor mRNA, complete cds.//1.3e-08:168:70//
 AF072836
 5 F-NT2RP3001490
 F-NT2RP3001495//Human oxidoreductase (HHCMA56) mRNA, complete cds.//1.0e-26:191:90//U13395
 F-NT2RP3001497//Homo sapiens multiple membrane spanning receptor TRC8 (TRC8) mRNA, complete cds.//
 8.5e-171:804:98//AF064801
 F-NT2RP3001527//Human lymphoid-specific SP100 homolog (LYSP100-A) mRNA, complete, cds.//8.9e-140:743:
 10 91//U36499
 F-NT2RP3001529//Streptomyces griseus DNA for ribosoma protein L21, ribosomal protein L27, Obg, complete
 cds.//2.1e-14:517:59//D87916
 F-NT2RP3001538//Capra hircus hircus clone 12 RAPD PCR sequence, genomic survey sequence.//4.7e-05:217:
 63//AF078176
 15 F-NT2RP3001554//Rattus norvegicus microtubule-associated protein 1A MAP1A (Mtap-1) mRNA, complete cds.//
 4.3e-17:332:67//M83196
 F-NT2RP3001580//RPCI11-91E19.TV RPCI11 Homo sapiens genomic clone R-91E19, genomic survey se-
 quence.//4.2e-15:110:91//AQ281332
 F-NT2RP3001587//S.pombe chromosome II cosmid c16H5.//6.6e-28:491:64//AL022104
 20 F-NT2RP3001589//RPCI11-68M15.TK RPCI11 Homo sapiens genomic clone R-68M15, genomic survey se-
 quence.//8.7e-108:517:98//AQ237629
 F-NT2RP3001607//Homo sapiens Xp22 BAC GSHB-600G8 (Genome Systems Human BAC library) complete
 sequence.//1.0e-09:257:65//AC004674
 F-NT2RP3001608//Methylococcus capsulatus methane monooxygenase component A alpha chain, methane mo-
 25 noxygenase A beta chain and methane monooxygenase component C genes, complete cds.//0.59:450:57//
 M90050
 F-NT2RP3001621//Human DNA sequence from clone 24o18 on chromosome 6p21.31-22.2 Contains zinc finger
 protein pseudogene, VNO-type olfactory receptor pseudogene, nuclear envelope pore membrane protein, EST,
 STS, GSS, complete sequence.//1.8e-42:278:79//AL021808
 30 F-NT2RP3001629
 F-NT2RP3001634//Homo sapiens mRNA for Ariadne-2 protein.//1.5e-63:276:97//AJ130978
 F-NT2RP3001642//Caenorhabditis elegans cosmid F45E6, complete sequence.//0.018:127:66//Z68117
 F-NT2RP3001646
 F-NT2RP3001671//Homo sapiens mRNA for NS1-binding protein, (NS1-BP).//3.4e-171:816:98//AJ012449
 35 F-NT2RP3001672//Drosophila melanogaster transcriptional repressor protein (Scm) mRNA, complete cds.//1.6e-
 38:542:66//U49793
 F-NT2RP3001676//HS_3090_B1_B04_T7 CIT Approved Human Genomic Sperm Library D Homo sapiens ge-
 nomic clone Plate=3090 Col=7 Row=D, genomic survey sequence.//3.1e-07:333:64//AQ123250
 F-NT2RP3001678//Drosophila melanogaster; Chromosome 3L; Region 63C5-63D3; P1 clone DS01859, WORK-
 40 ING DRAFT SEQUENCE, 6 unordered pieces.//1.0:539:57//AC004358
 F-NT2RP3001679//Homo sapiens genomic DNA of 8p21.3-p22 anti-oncogene of hepatocellular colorectal and
 non-small cell lung cancer, segment 3/11.//2.8e-130:355:96//AB020860
 F-NT2RP3001688//Rattus norvegicus glucocorticoid modulatory element binding protein 2 mRNA, complete cds.//
 2.1e-37:512:70//AF059273
 45 F-NT2RP3001690//CIT-HSP-2300P9.TR CIT-HSP Homo sapiens genomic clone 2300P9, genomic survey se-
 quence.//2.8e-19:123:95//AQ012480
 F-NT2RP3001698//Rat mRNA for RhoGAP, complete cds.//9-4e-11:167:74//D31962
 F-NT2RP3001708//H.sapiens CpG island DNA genomic Mse1 fragment, clone 4g7, reverse read cpg4g7.rt1d.//
 1.3e-17:113:97//Z61312
 50 F-NT2RP3001712//M.musculus mRNA for HP1-BP74 protein.//2.2e-95:601:88//X99642
 F-NT2RP3001716
 F-NT2RP3001724//Homo sapiens chromodomain-helicase-DNA-binding protein mRNA, complete cds.//1.4e-159:
 565:97//AF054177
 F-NT2RP3001727//Rattus norvegicus implantation-associated protein (IAG2)-mRNA, partial cds.//1.7e-132:786:
 55 88//AF008554
 F-NT2RP3001730//Human mRNA for KIAA0128 gene, partial cds.//3.9e-104:811:78//D50918
 F-NT2RP3001739//Homo sapiens Chromosome 22q11.2 PAC Clone p201m18 In DGCR Region, complete se-
 quence.//6.5e-07:178:69//AC000097

- F-NT2RP3001752//Human DNA sequence from clone 105D16 on chromosome Xp11.3-11.4 Contains pseudogene similar to laminin-binding protein, CA repeat, STS, complete sequence.//5.2e-31:311:77//AL031311
- F-NT2RP3001753//Sequence 29 from patent US 5658882.//0.11:513:58//I62381
- F-NT2RP3001764//Sequence 6 from Patent WO9706245.//6.4e-47:673:66//A59888
- 5 F-NT2RP3001777//Caenorhabditis elegans cosmid T10E10.//0.078:290:63//U39644
- F-NT2RP3001782//Homo sapiens mRNA for KIAA0459 protein, partial cds.//2.8e-151:710:98//AB007928
- F-NT2RP3001792//Mus musculus myelin gene expression factor (MEF-2) mRNA, partial cds.//1.2e-26:213:85//U13262
- F-NT2RP3001799//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 469D22, WORKING DRAFT SEQUENCE.//8.4e-51:168:95//AL031284
- 10 F-NT2RP3001819//S.glaucescens genes strU, strX, strV and strW for 5'-hydroxystreptomycin production and transport polypeptides.//0.084:526:58//X89010
- F-NT2RP3001844//HS_3110_B1_E10_T7 CIT Approved Human Genomic Sperm Library D Homo sapiens genomic clone Plate=3110 Col=19 Row=J, genomic survey sequence.//1.5e-40:232:82//AQ140433
- 15 F-NT2RP3001854//Plasmodium falciparum 3D7 chromosome 12 PFYAC181 genomic sequence, WORKING DRAFT SEQUENCE, 8 unordered pieces.//0.14:452:58//AC005505
- F-NT2RP3001855//Mus musculus homeobox protein PKNOX1 (Pknox1) mRNA, complete cds.//2.7e-39:575:67//AF061270
- F-NT2RP3001857//M.musculus tex292 mRNA (5'region).//8.7e-07:106:81//X80434
- 20 F-NT2RP3001896
- F-NT2RP3001898//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 163G9, WORKING DRAFT SEQUENCE.//0.094:456:60//AL008733
- F-NT2RP3001915//Caenorhabditis elegans cosmid C12D8, complete sequence.//0.58:482:56//Z73969
- F-NT2RP3001926//Plasmodium falciparum DNA *** SEQUENCING IN PROGRESS *** from MAL4P1, WORKING DRAFT SEQUENCE.//0.42:401:58//AL034557
- 25 F-NT2RP3001929//Homo sapiens chromosome 16, cosmid clone RT102 (LANL), complete sequence.//3.1e-28:263:77//AC004651
- F-NT2RP3001931
- F-NT2RP3001938//CIT-HSP-2165E8.TR CIT-HSP Homo sapiens genomic clone 2165E8, genomic survey sequence.//3.6e-24:182:91//B95475
- 30 F-NT2RP3001943//Homo sapiens mRNA for KIAA0675 protein, complete cds.//1.8e-165:815:96//AB014575
- F-NT2RP3001944
- F-NT2RP3001969//Homo sapiens chromosome 12p13.3 clone RPC11-350L7, WORKING DRAFT SEQUENCE, 72 unordered pieces.//4.8e-62:304:89//AC005844
- 35 F-NT2RP3001989//Plasmodium falciparum strain Dd2 heat shock protein 86 (HSP86), O1 (o1), O3 (o3), O2 (o2), CG8 (cg8), CG4 (cg4), CG3 (cg3), CG9 (cg9), CG1 (cg1), CG6 (cg6), chloroquine resistance candidate protein (cg2), and CG7 (cg7) genes, complete cds.//8.2e-10:564:60//AF030694
- F-NT2RP3002002//Human DNA sequence from PAC 306D1 on chromosome X contains ESTs.//2.5e-57:361:80//Z83822
- 40 F-NT2RP3002004//Sequence 3 from patent US 5798245.//1.6e-26:104:100//AR025386
- F-NT2RP3002007//Human Chromosome 15q11-q13 PAC clone pDJ223c9 from the Prader-Willi/Angelman Syndrome region, complete sequence.//0.0053:633:58//AC004137
- F-NT2RP3002014//Drosophila melanogaster DNA sequence (P1s DS07528 (D169) and DS06665 (D220)), complete sequence.//1.3e-32:334:68//AC004640
- 45 F-NT2RP3002033//H.sapiens DNA sequence.//0.012:214:63//Z22493
- F-NT2RP3002045//Rat mRNA for alpha-c large chain of the protein complex AP-2 associated with clathrin.//8.7e-116:713:86//X53773
- F-NT2RP3002054//Mycobacterium tuberculosis H37Rv complete genome; segment 143/162.//1.6e-12:613:60//AL021841
- 50 F-NT2RP3002056//Human DNA sequence from PAC 358H7 on chromosome X.//0.17:566:59//Z77249
- F-NT2RP3002057//Homo sapiens clone NH0084K19, WORKING DRAFT SEQUENCE, 30 unordered pieces.//3.3e-24:167:82//AC005682
- F-NT2RP3002062
- F-NT2RP3002063//Rickettsia prowazekii strain Madrid E, complete genome; segment 3/4.//0.24:508:58//AJ235272
- 55 F-NT2RP3002081//HS_2001_B1_E06_T7 CIT Approved Human Genomic Sperm Library D Homo sapiens genomic clone Plate=2001 Col=11 Row=J, genomic survey sequence.//9.7e-22:155:90//AQ218494
- F-NT2RP3002097//Homo sapiens Xp22-150 BAC GSHB-309P15 (Genome Systems Human BAC Library) com-

- plete sequence.//9.6e-66:562:77//AC006210
 F-NT2RP3002102//CIT-HSP-2307B10.TR CIT-HSP Homo sapiens genomic clone 2307B10, genomic survey sequence.//5.9e-16:214:74//AQ018040
 F-NT2RP3002108
 5 F-NT2RP3002142//Homo sapiens Chromosome 16 BAC clone CIT987SK-A-319E8, complete sequence.//7.6e-29:414:68//AC004020
 F-NT2RP3002146//Pseudomonas fluorescens polyketide synthase type I (pltB) and polyketide synthase type I (pltC) genes, complete cds.//0.96:434:60//AF003370
 F-NT2RP3002147//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 329F2, WORKING
 10 DRAFT SEQUENCE.//1.3e-63:380:91//AL031710
 F-NT2RP3002151//Human chromosome 16p13.1 BAC clone CIT987SK-551G9 complete sequence.//9.9e-60:315:80//U95742
 F-NT2RP3002163
 F-NT2RP3002165//M.musculus HCNGP mRNA.//1.4e-142:867:87//X68061
 15 F-NT2RP3002166//Homo sapiens chromosome X, clone hCIT.200_L_4, complete sequence.//0.090:394:59//AC006121
 F-NT2RP3002173//HS_3062_B1_G05_MF CIT Approved Human Genomic Sperm Library D Homo sapiens genomic clone Plate=3062 Col=9 Row=N, genomic survey sequence.//3.3e-101:509:96//AQ193219
 F-NT2RP3002181//Human DNA sequence from clone 24o18 on chromosome 6p21.31-22.2 Contains zinc finger protein pseudogene, VNO-type olfactory receptor pseudogene, nuclear envelope pore membrane protein, EST, STS, GSS, complete sequence.//4.5e-106:432:84//AL021808
 20 F-NT2RP3002244//Homo sapiens chromosome 19, cosmid R27377, complete sequence.//0.63:353:60//AC005321
 F-NT2RP3002248//HS_3029_A1_D10_MR CIT Approved Human Genomic Sperm Library D Homo sapiens genomic clone Plate=3029 Col=19 Row=G, genomic survey sequence.//3.5e-10:125:79//AQ094880
 25 F-NT2RP3002255//Bovine herpesvirus type 1 immediate-early transcriptional control protein (BICP4) gene, 5' end.//5.6e-09:629:59//L14321
 F-NT2RP3002273//cSRL-165E12-u cSRL flow sorted Chromosome 11 specific cosmid Homo sapiens genomic clone cSRL-165E12, genomic survey sequence.//4.9e-35:366:74//B03004
 30 F-NT2RP3002276//B.taurus mRNA for B15 subunit of NADH: ubiquinone oxidoreductase complex.//0.023:326:60//X64898
 F-NT2RP3002303//Methanobacterium thermoautotrophicum from bases 172512 to 182957 (section 16 of 148) of the complete genome.//3.8e-12:643:57//AE000810
 F-NT2RP3002304//Plasmodium falciparum 3D7 chromosome 12 PFYAC1383 genomic sequence, WORKING
 35 DRAFT SEQUENCE, 3 unordered pieces.//1.6e-09:490:60//AC005504
 F-NT2RP3002330//Human DNA sequence from cosmid L58b6, Huntington's Disease Region, chromosome 4p16.3, containing STS matches.//1.9e-93:572:88//Z49862
 F-NT2RP3002343//HS_3010_A2_B08_T7 CIT Approved Human Genomic Sperm Library D Homo sapiens genomic clone Plate=3010 Col=16 Row=C, genomic survey sequence.//9.0e-75:373:97//AQ119068
 40 F-NT2RP3002351//Human mRNA for NAD-dependent methylene tetrahydrofolate dehydrogenase cyclohydrolase (EC 1.5.1.15).//4.9e-64:588:75//X16396
 F-NT2RP3002352//Homo sapiens mRNA for protein encoded by cxorf5 (71-7A) gene, alternatively spliced form.//1.3e-164:770:98//Y16355
 F-NT2RP3002377//Homo sapiens mRNA for KIAA0788 protein, partial cds.//1.4e-190:911:98//AB018331
 45 F-NT2RP3002399
 F-NT2RP3002402//Rattus norvegicus mRNA for dipeptidyl peptidase III, complete cds.//7.2e-25:249:79//D89340
 F-NT2RP3002455//Homo sapiens mRNA for KIAA0678 protein, partial cds.//1.2e-138:649:99//AB014578
 F-NT2RP3002484//CIT-HSP-367N3.TP.1 CIT-HSP Homo sapiens genomic clone 367N3, genomic survey sequence.//5.0e-18:115:96//B78927
 50 F-NT2RP3002501//Caenorhabditis elegans cosmid K01C8, complete sequence.//0.00020:170:65//Z49068
 F-NT2RP3002512//Homo sapiens clone 664 unknown mRNA, partial sequence.//1.6e-59:308:97//AF091088
 F-NT2RP3002529//Human vacuolar protein sorting homolog h-vps45 mRNA, complete cds.//1.4e-144:763:93//U35246
 F-NT2RP3002545//Homo sapiens mRNA for KIAA0729 protein, partial cds.//1.8e-178:833:98//AB018272
 55 F-NT2RP3002549//Homo sapiens clone DJ0098O22, WORKING DRAFT SEQUENCE, 5 unordered pieces.//4.7e-26:123:72//AC004821
 F-NT2RP3002566//Streptomyces viridifaciens sigma factor (hrdD) gene, complete cds.//0.76:459:59//U60418
 F-NT2RP3002587//Homo sapiens chromosome Y, clone 264.M.20, complete sequence.//4.6e-13:199:76//

AC004617

F-NT2RP3002590//*Porphyra purpurea* chloroplast, complete genome//0.88:284:60//U38804

F-NT2RP3002602//CIT978SK-A-441H11-2.TPB CIT978SK:Homo sapiens genomic clone A-441H11, genomic survey sequence//2.0e-22:140:95//B68331

F-NT2RP3002603

F-NT2RP3002628//*C.acetobutylicum* dnaJ and orfB genes//2.0e-05:333:60//X69050

F-NT2RP3002631

F-NT2RP3002650//*Mus musculus* mRNA for cartilage-associated protein (CASP)//1.5e-20:641:62//AJ006469

F-NT2RP3002659//Bovine herpesvirus type 1 UL22-35 genes//5.2e-05:621:59//Z78205

F-NT2RP3002660//Homo sapiens PAC clone DJ1006K12 from 7q31.2-q31, complete sequence//0.98:453:57//AC004946

F-NT2RP3002663//Homo sapiens chromosome 19, cosmid F6697, complete sequence//3.3e-22:407:67//AC006129

F-NT2RP3002671//*S.pombe* chromosome III cosmid c553//1.0e-12:336:66//AL023704F-NT2RP3002682//*Caenorhabditis elegans* cosmid F17C11, complete sequence//1.3e-21:448:64//Z72507

F-NT2RP3002687//CIT978SK-A-789B1.TP CIT978SK Homo sapiens genomic clone A-789B1, genomic survey sequence//2.5e-25:173:91//B51656

F-NT2RP3002688//Mouse mRNA for kinesin-like protein (Kif1b), complete cds//1.2e-73:728:74//D17577

F-NT2RP3002701//CITBI-E1-2507L14.TF CITBI-E1 Homo sapiens genomic clone 2507L14, genomic survey sequence//0.0012:55:92//AQ263530

F-NT2RP3002713

F-NT2RP3002763//*Caenorhabditis elegans* cosmid T20F10, complete sequence//0.98:209:63//Z81594

F-NT2RP3002770

F-NT2RP3002785//Homo sapiens laminin beta-4 chain precursor (LAMB4) mRNA, alternatively spliced short variant, partial cds//0.78:515:57//AF029325

F-NT2RP3002799//Human DNA sequence from clone 1052M9 on chromosome Xq25. Contains the SH2D1A gene for SH2 domain protein 1A, Duncan's disease (lymphoproliferative syndrome) (DSHP), part of a 60S Acidic Ribosomal protein 1 (RPLP1) LIKE gene and part of a mouse DOC4 LIKE gene. Contains ESTs and GSSs, complete sequence//1.9e-21:167:79//AL022718

F-NT2RP3002810//Homo sapiens chromosome 17, clone hRPK215_E_13, complete sequence//0.32:187:66//AC005549

F-NT2RP3002818//Homo sapiens jerky gene product homolog mRNA, complete cds//6.9e-54:615:70//AF004715

F-NT2RP3002861//*Caenorhabditis elegans* cosmid M03F4//4.2e-05:226:65//U64601F-NT2RP3002869//*Mus musculus* semaphorin VIa mRNA, complete cds//2.0e-93:638:83//AF030430

F-NT2RP3002876//Homo sapiens mRNA for B120, complete cds//8.5e-89:557:88//AB001895

F-NT2RP3002877//Homo sapiens chromosome 12p13.3 clone RPCI11-433J6, WORKING DRAFT SEQUENCE, 100 unordered pieces//7.9e-12:160:78//AC006087

F-NT2RP3002909//Homo sapiens mRNA for KIAA0771 protein, partial cds//5.7e-180:853:98//AB018314

F-NT2RP3002911//RPCI11-24N15.TPC RPCI-11 Homo sapiens genomic clone RPCI-11-24N15, genomic survey sequence//2.3e-13:442:61//B88815

F-NT2RP3002948//, complete sequence//2.2e-110:637:91//AC005500

F-NT2RP3002953//Homo sapiens chromosome 5, BAC clone 34j15 (LBNL H169), complete sequence//1.7e-166:793:98//AC005754

F-NT2RP3002955//Human HepG2 partial cDNA, clone hmd3c02m5//0.00011:61:95//D17024

F-NT2RP3002969//Rat mRNA for brain acyl-CoA synthetase II, complete cds//1.2e-128:808:85//D30666

F-NT2RP3002972//H.sapiens (xs168) mRNA, 381bp//1.5e-43:312:85//Z36820

F-NT2RP3002978//*Plasmodium falciparum* 3D7 chromosome 12 PFYAC181 genomic sequence, WORKING DRAFT SEQUENCE, 8 unordered pieces//0.00044:527:57//AC005505

F-NT2RP3002985//Genomic sequence from Human 9q34, complete sequence//0.92:341:60//AC001644

F-NT2RP3002988//HS_3015_A1_B07_T7 CIT Approved Human Genomic Sperm Library D Homo sapiens genomic clone Plate=3015 Col=13 Row=C, genomic survey sequence//4.4e-05:379:58//AQ091708

F-NT2RP3003008//*Mus musculus* major histocompatibility locus class III regions Hsc70t gene, partial cds; smRNP, G7A, NG23, MutS homolog, CLCP, NG24, NG25, and NG26 genes, complete cds; and unknown genes//1.4e-72:197:79//AF109905F-NT2RP3003032//*Plasmodium falciparum* DNA *** SEQUENCING IN PROGRESS *** from contig 3-80, complete sequence//1.6e-08:809:58//AL010153F-NT2RP3003059//*Rattus norvegicus* potassium channel regulator 1 mRNA, complete cds//4.1e-111:804:81//U78090

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F-NT2RP3003061//Human mRNA for ankyrin (variant 2.1)//1.4e-12:633:59//X16609
 F-NT2RP3003068//Human BAC clone RG264L19 from 7p15-p21, complete sequence//0.034:282:60//AC002410
 F-NT2RP3003071//H.sapiens CpG island DNA genomic MseI fragment, clone 13d12, reverse read
 cpg13d12.r1c.//6.8e-15:95:100//Z64565
 5 F-NT2RP3003078
 F-NT2RP3003101//Mouse mRNA for tetracycline transporter-like protein, complete cds//8.1e-72:732:71//D88315
 F-NT2RP3003121
 F-NT2RP3003133//Homo sapiens chromosome 19, cosmid R30385, complete sequence//3.5e-12:168:76//
 AC004510
 10 F-NT2RP3003138//Mouse kif4 mRNA for microtubule-based motor protein KIF4, complete cds//4.0e-148:908:87//
 D12646
 F-NT2RP3003139//Rattus norvegicus kappa opioid receptor gene, exon 4 and complete cds//2.0e-31:658:63//
 U17995
 F-NT2RP3003145//Mus musculus carboxypeptidase X2 mRNA, complete cds//3.5e-22:430:63//AF017639
 15 F-NT2RP3003150
 F-NT2RP3003157//HS_3055_B1_G05_MF CIT Approved Human Genomic Sperm Library D Homo sapiens ge-
 nomic clone Plate=3055 Col=9 Row=N, genomic survey sequence//1.9e-92:493:94//AQ155489
 F-NT2RP3003185//Rattus norvegicus brain-enriched guanylate kinase-associated protein 1 mRNA, complete
 cds//8.6e-06:228:65//AF064868
 20 F-NT2RP3003193//H.sapiens HZF10 mRNA for zinc finger protein//7.4e-73:737:71//X78933
 F-NT2RP3003197
 F-NT2RP3003203//Rattus norvegicus golgi peripheral membrane protein p65 (GRASP65) mRNA, complete cds//
 4.1e-48:640:67//AF015264
 F-NT2RP3003204//Human Mermaid LINE-1 element mRNA sequence//0.0033:69:81//U31059
 25 F-NT2RP3003210//Homo sapiens SYBL1 gene//1.1e-34:430:70//AJ004799
 F-NT2RP3003212//Rattus norvegicus lamina associated polypeptide 1C (LAP1C) mRNA, complete cds//6.3e-75:
 776:74//U20286
 F-NT2RP3003230//Rattus norvegicus mRNA for coronin-like protein//1.8e-62:575:74//AJ006064
 F-NT2RP3003242//Homo sapiens stanniocalcin-2 (STC-2) mRNA, complete cds//3.7e-128:617:98//AF055460
 30 F-NT2RP3003251//H.sapiens Staf50 mRNA//3.5e-67:651:76//X82200
 F-NT2RP3003264//Plasmodium falciparum 3D7 chromosome 12 PFYAC812 genomic sequence, WORKING
 DRAFT SEQUENCE, 8 unordered pieces//0.015:473:58//AC004153
 F-NT2RP3003278//H.sapiens CpG island DNA genomic MseI fragment, clone 28b4, forward read cpg28b4.ft1a.//
 4.0e-27:174:93//Z60555
 35 F-NT2RP3003282//Homo sapiens dynamin (DNM) mRNA, complete cds//1.3e-131:694:93//L36983
 F-NT2RP3003290//Homo sapiens nickel-specific induction protein (Cap43) mRNA, complete cds//1.7e-64:662:
 71//AF004162
 F-NT2RP3003301//Spinacia oleracea mRNA for ATP-dependent protease Lon, complete cds//4.9e-37:682:64//
 D85610
 40 F-NT2RP3003302//Homo sapiens, clone hRPK.15_A_1, complete sequence//4.6e-95:680:82//AC006213
 F-NT2RP3003311//Homo sapiens chromosome 21, Neurofibromatosis 1 (NF1) related locus, complete se-
 quence//1.0:191:62//AC004527
 F-NT2RP3003313//Streptomyces coelicolor cosmid 5A7//0.0084:403:61//AL031107
 F-NT2RP3003327//H.sapiens Staf50 mRNA//2.5e-29:253:67//X82200
 45 F-NT2RP3003330
 F-NT2RP3003344
 F-NT2RP3003346//Homo sapiens chromosome 17, clone hRPK.795_F_17, complete sequence//9.0e-41:296:
 84//AC005284
 F-NT2RP3003353//Human DNA sequence from PAC 970D1 on chromosome 1q24. Contains ESTs, STSs and a
 BAC end-sequence (GSS)//0.047:404:60//AL021069
 50 F-NT2RP3003377//Homo sapiens clone DJ0919J22, WORKING DRAFT SEQUENCE, 34 unordered pieces//
 8.3e-122:632:96//AC005519
 F-NT2RP3003384//Homo sapiens Chromosome 2 BAC Clone 376a1, WORKING DRAFT SEQUENCE, 17 unor-
 dered pieces//0.0036:127:74//AC000360
 55 F-NT2RP3003385//Mus musculus SKD3 mRNA, complete cds//2.0e-110:843:79//U09874
 F-NT2RP3003403//Human Chromosome X, complete sequence//7.5e-21:647:61//AC002407
 F-NT2RP3003409//Human DHHC-domain-containing cysteine-rich protein mRNA, complete cds//1.0e-20:430:
 63//U90653

F-NT2RP3003411//Mus musculus COP9 complex subunit 7b (COPS7b) mRNA, complete cds.//4.2e-139:524:90//AF071317
 F-NT2RP3003427//HS-1051-A1-D03-MF.abi CIT Human Genomic Sperm Library C Homo sapiens genomic clone Plate=CT 773 Col=5 Row=G, genomic survey sequence.//8.8e-18:111:97//B40173
 5 F-NT2RP3003433//HS_2219_B2_A11_MF CIT Approved Human Genomic Sperm Library D Homo sapiens genomic clone Plate=2219 Col=22 Row=B, genomic survey sequence.//1.2e-57:410:83//AQ145866
 F-NT2RP3003464//Homo sapiens rab3-GAP regulatory domain mRNA, complete cds.//5.2e-181:853:98//AF004828
 F-NT2RP3003490//Homo sapiens mRNA for KIAA0725 protein, partial cds.//1.6e-173:826:98//AB018268
 10 F-NT2RP3003491//CIT-HSP-2344O1.TR CIT-HSP Homo sapiens genomic clone 2344O1, genomic survey sequence.//1.2e-39:213:97//AQ057124
 F-NT2RP3003500//HS_3000_B1_C07_MR CIT Approved Human Genomic Sperm Library D Homo sapiens genomic clone Plate=3000 Col=13 Row=F, genomic survey sequence.//0.025:253:60//AQ090347
 F-NT2RP3003543//Homo sapiens chromosome 16, cosmid clone 399H11 (LANL), complete sequence.//0.95:279:60//AC004234
 15 F-NT2RP3003552//Homo sapiens clone UWGC:y54c222 from 6p21, complete sequence.//1.8e-88:166:84//AC006049
 F-NT2RP3003555//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 228H13, WORKING DRAFT SEQUENCE.//8.9e-17:245:72//AL031985
 20 F-NT2RP3003564//HS_3141_B1_G10_T7 CIT Approved Human Genomic Sperm Library D Homo sapiens genomic clone Plate=3141 Col=19 Row=N, genomic survey sequence.//2.7e-79:442:93//AQ187798
 F-NT2RP3003572
 F-NT2RP3003576//Homo sapiens clone RG031N19, WORKING DRAFT SEQUENCE, 1 unordered pieces.//5.8e-55:275:84//AC005632
 25 F-NT2RP3003589//Canine rab10 mRNA for ras-related GTP-binding protein.//1.1e-94:488:95//X56387
 F-NT2RP3003621//Homo sapiens chromosome 16, cosmid clone 432A1 (LANL), complete sequence.//6.0e-88:463:84//AC004235
 F-NT2RP3003625//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 390E6, WORKING DRAFT SEQUENCE.//0.98:307:60//AL031600
 30 F-NT2RP3003656
 F-NT2RP3003659//F.rubripes GSS sequence, clone 013G07cE7, genomic survey sequence.//1.7e-25:284:74//AL011271
 F-NT2RP3003665//Homo sapiens chromosome 9q34, clone 63G10, complete sequence.//0.011:279:65//AC002096
 35 F-NT2RP3003672
 F-NT2RP3003680//Drosophila melanogaster; Chromosome 2R; Region 39B1-39B3; P1 clone DS05527, WORKING DRAFT SEQUENCE, 9 unordered pieces.//3.4e-16:425:64//AC005811
 F-NT2RP3003686//HS_3064_B2_A04_MF CIT Approved Human Genomic Sperm Library D Homo sapiens genomic clone Plate=3064 Col=8 Row=B, genomic survey sequence.//3.1e-27:153:98//AQ136993
 40 F-NT2RP3003701
 F-NT2RP3003716//Rattus norvegicus Shal-related potassium channel Kv4.3 mRNA, complete cds.//4.6e-107:788:82//U42975
 F-NT2RP3003726//Homo sapiens mRNA for KIAA0757 protein, complete cds.//2.3e-148:700:98//AB018300
 F-NT2RP3003746//CIT-HSP-2306A10.TF CIT-HSP Homo sapiens genomic clone 2306A10, genomic survey sequence.//0.39:212:61//AQ015785
 45 F-NT2RP3003795//Human DNA sequence from clone 333H23, on chromosome 22q12.1-12.3. Contains the (possibly alternatively spliced) RPL3 gene for 60S Ribosomal Protein L3 and the threefold alternatively spliced gene for Synaptogyrin 1A, 1B and 1C (SYNGR1A, SYBGRIB, SYNGR1C); both genes downstream of a putative CpG island. Contains ESTs, an STS, GSSs, genomic marker D22S1155 and a ca repeat polymorphism, complete sequence.//4.2e-21:445:66//AL022326
 50 F-NT2RP3003799//Homo sapiens DNA from chromosome 19-cosmids R31158, R31874, and R28125, genomic sequence, complete sequence.//1.0:257:63//AF038458
 F-NT2RP3003800//Mouse neuronal proto-oncogene c-src mRNA encoding tyrosine-specific protein kinase, complete cds.//1.2e-63:484:81//M17031
 55 F-NT2RP3003805//Homo sapiens chromosome 19, cosmid R27377, complete sequence.//0.96:353:60//AC005321
 F-NT2RP3003809//Bovine herpesvirus 1 complete genome.//7.2e-12:615:60//AJ004801
 F-NT2RP3003819

- F-NT2RP3003825
F-NT2RP3003828//Human rRNA primary transcript internal transcribed spacer 2 (ITS2)//6.2e-16:543:62//X17626
F-NT2RP3003831//RPCI11-50N15.TJ RPCI11 Homo sapiens genomic clone R-50N15, genomic survey sequence//1.1e-21:174:85//AQ082633
- 5 F-NT2RP3003833//Homo sapiens clones 24718 and 24825 mRNA sequence//8.0e-47:242:98//AF070611
F-NT2RP3003842//RPCI11-44E5.TJ RPCI11 Homo sapiens genomic clone R-44E5, genomic survey sequence//9.7e-25:143:97//AQ195884
F-NT2RP3003846//Homo sapiens mRNA for KIAA0725 protein, partial cds//4.2e-36:335:68//AB018268
F-NT2RP3003870//Homo sapiens mRNA for KIAA0800 protein, complete cds//4.1e-174:805:99//AB018343
- 10 F-NT2RP3003876//Rattus norvegicus Rabin3 mRNA, complete cds//2.7e-109:709:84//U19181
F-NT2RP3003914//Drosophila melanogaster UDP-glucose:glycoprotein glucosyltransferase mRNA, complete cds//8.9e-11:193:70//U20554
F-NT2RP3003918//Homo sapiens VAMP-associated protein of 33 kDa (VAP-33) mRNA, complete cds//2.6e-47:404:77//AF057358
- 15 F-NT2RP3003932//Plasmodium falciparum 3D7 chromosome 12 PFYAC1383 genomic sequence, WORKING DRAFT SEQUENCE, 3 unordered pieces//0.68:597:55//AC005504
F-NT2RP3003989//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 404H4, WORKING DRAFT SEQUENCE//0.37:548:56//AL031661
F-NT2RP3003992//Human cGMP-gated cation channel beta subunit (CNCG2) mRNA, complete cds//0.021:433:58//U58837
- 20 F-NT2RP3004013//M.musculus Spnr mRNA for RNA binding protein//1.4e-164:838:94//X84692
F-NT2RP3004016//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 1018K9, WORKING DRAFT SEQUENCE//0.00042:356:62//AL031726
F-NT2RP3004041//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 809F4, WORKING DRAFT SEQUENCE//6.8e-112:627:82//AL022400
- 25 F-NT2RP3004051//Human mRNA for KIAA0319 gene, complete cds//2.2e-61:774:67//AB002317
F-NT2RP3004070//Homo sapiens DNA sequence from PAC 352A20 on chromosome 6q24.1-25.1. Contains a pseudogene similar to yeast, bacterial, worm and slime mold hypothetical genes, and a gene coding for an aldehyde dehydrogenase family protein. Contains ESTs, STSs and GSSs, complete sequence//7.9e-17:484:62//AL021939
- 30 F-NT2RP3004078//M.musculus (BALB/c) MRFX2 mRNA//1.9e-102:684:83//X76089
F-NT2RP3004093//F24P17-Sp6 IGF Arabidopsis thaliana genomic clone F24P17, genomic survey sequence//0.021:207:63//B09433
F-NT2RP3004095//Homo sapiens clone NH0486I22, WORKING DRAFT SEQUENCE, 5 unordered pieces//3.5e-25:272:77//AC005038
- 35 F-NT2RP3004110//Homo sapiens DNA from chromosome 19, BAC 33152, complete sequence//8.6e-28:223:73//AC003973
F-NT2RP3004125//Homo sapiens TTF-I interacting peptide 20 mRNA, partial cds//2.2e-28:637:63//AF000560
F-NT2RP3004145
F-NT2RP3004148
- 40 F-NT2RP3004155//Homo sapiens timing protein CLK-1 mRNA, complete cds//6.5e-120:578:98//AF032900
F-NT2RP3004189//M.musculus tex292 mRNA (5' region)//1.1e-06:102:82//X80434
F-NT2RP3004206//D.melanogaster cm mRNA//7.3e-69:715:71//X58374
F-NT2RP3004207//Mouse mRNA for seizure-related gene product 6 type 2 precursor, complete cds//4.8e-42:650:66//D64009
- 45 F-NT2RP3004209//Human cosmid Q7A10 (D21S246) insert DNA, complete sequence//8.4e-55:184:84//D42052
F-NT2RP3004215//Homo sapiens chromosome 5, Pac clone 9c13 (LBNL H127), complete sequence//0.22:458:60//AC006084
F-NT2RP3004242//Caenorhabditis elegans cosmid ZK632, complete sequence//1.6e-29:409:69//Z22181
F-NT2RP3004246//Homo sapiens chromosome 10 clone CIT987SK-1010K1 map 10q25, complete sequence//3.6e-117:242:100//AC005385
- 50 F-NT2RP3004253//H.sapiens 28S rRNA V8 region (LAN5-6)//2.6e-12:589:59//X69353
F-NT2RP3004258//Rattus norvegicus Zis mRNA, complete cds//1.2e-88:489:91//AF013967
F-NT2RP3004262//Homo sapiens heat shock protein hsp40-3 mRNA, complete cds//3.1e-153:733:98//AF088982
F-NT2RP3004282//Homo sapiens torsinA (DYT1) mRNA, complete cds//1.3e-24:597:61//AF007871
- 55 F-NT2RP3004332
F-NT2RP3004334//L.esculentum gene for fruit ripening polygalacturonase//0.23:501:57//X80908
F-NT2RP3004341//Human DNA sequence from clone 503G16 on chromosome 6p23 Contains EST, CpG island, complete sequence//0.0014:198:66//Z93020

- F-NT2RP3004348//R.norvegicus mRNA for cytosolic resiniferatoxin-binding protein.//1.4e-103:600:82//X67877
 F-NT2RP3004349//Homo sapiens Xp22 BAC GS-321G17 (Genome Systems Human BAC library) complete sequence.//5.1e-49:480:75//AC004025
- 5 F-NT2RP3004378//Drosophila melanogaster; Chromosome 2R; Region 47F1-47F7; P1 clone DS02304, WORKING DRAFT SEQUENCE, 5 unordered pieces.//1.8e-23:352:67//AC005653
 F-NT2RP3004399//H.sapiens mRNA for leucine-rich primary response protein 1.//7.2e-140:804:90//X97249
 F-NT2RP3004424//Mus musculus mRNA for nuclear protein SA3.//6.8e-53:413:81//AJ005678
 F-NT2RP3004428//Salmo salar DNA for a cryptic repeat.//3.2e-07:270:63//AJ012206
 F-NT2RP3004451//RPCI11-51J15.TK RPCI11 Homo sapiens genomic clone R-51J15, genomic survey sequence.//8.8e-19:180:82//AQ052326
- 10 F-NT2RP3004454//Homo sapiens mRNA for KIAA0448 protein, complete cds.//6.2e-123:583:99//AB007917
 F-NT2RP3004466//HS_3038_B2_F08_MF CIT Approved Human Genomic Sperm Library D Homo sapiens genomic clone Plate=3038 Col=16 Row=L, genomic survey sequence.//0.41:172:59//AQ102458
 F-NT2RP3004470//H.sapiens CpG island DNA genomic MseI fragment, clone 81a11, reverse read cpg81a11.rt1a.//7.0e-25:148:96//Z56029
 F-NT2RP3004472//RPCI11-42M5.TJ RPCI11 Homo sapiens genomic clone R-42M5, genomic survey sequence.//1.6e-20:143:92//AQ052792
- 15 F-NT2RP3004475//Homo sapiens mRNA for KIAA0456 protein, partial cds.//3.0e-150:715:98//AB007925
 F-NT2RP3004480//Mus musculus maternal-embryonic 3 (Mem3) mRNA, complete cds.//1.0e-119:679:90//U47024
 F-NT2RP3004490//Homo sapiens mRNA for Musashi, complete cds.//7.1e-155:752:97//AB012851
 F-NT2RP3004498//Homo sapiens clone DJ1147A01, WORKING DRAFT SEQUENCE, 25 unordered pieces.//4.0e-67:265:84//AC006023
 F-NT2RP3004503//Homo sapiens Xp22-132-134 BAC GSHB-590J15 (Genome Systems Human BAC library) complete sequence.//1.2e-55:415:78//AC004673
- 25 F-NT2RP3004504//M.musculus mRNA for CPEB protein.//2.0e-110:618:91//Y08260
 F-NT2RP3004507//Homo sapiens chromosome 19, cosmid R26660, complete sequence.//9.3e-46:433:76//AC005328
 F-NT2RP3004527//Homo sapiens mRNA; transcriptional unit N144, 5' end.//1.1e-100:508:97//AJ002574
 F-NT2RP3004534//Mouse oncogene (ect2) mRNA, complete cds.//2.0e-93:442:84//L11316
 F-NT2RP3004539//Homo sapiens mRNA for KIAA0632 protein, partial cds.//8.5e-145:679:98//AB014532
 F-NT2RP3004544//Homo sapiens mRNA for KIAA0554 protein, partial cds.//2.8e-169:793:98//AB011126
 F-NT2RP3004566//Mus musculus kruppel-related zinc finger protein (Emz1) mRNA, complete cds.//6.9e-18:433:64//AF031955
- 30 F-NT2RP3004569//CITBI-E1-2522H6.TF CITBI-E1 Homo sapiens genomic clone 2522H6, genomic survey sequence.//5.3e-15:138:84//AQ280780
 F-NT2RP3004572//Homo sapiens cofactor of initiator function (CIF150) mRNA, complete cds.//1.0e-179:860:97//AF026445
 F-NT2RP3004578//Homo sapiens mRNA for KIAA0477 protein, complete cds.//4.2e-150:711:98//AB007946
 F-NT2RP3004594//Homo sapiens mRNA for AND-1 protein.//1.1e-158:796:95//AJ006266
 F-NT2RP3004617//Homo sapiens clone DJ1152C17, WORKING DRAFT SEQUENCE, 1 unordered pieces.//9.3e-14:360:65//AC004977
 F-NT2RP3004618//Oryctolagus cuniculus translation initiation factor eIF2C mRNA, complete cds.//2.9e-52:539:73//AF005355
- 45 F-NT2RP3004669//Bm-3a=class V POU transcription factor [mice, CD/CD, embryo fibroblast cells, Genomic, 2160 nt].//0.046:437:57//S69350
 F-NT2RP3004670//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 356B8, WORKING DRAFT SEQUENCE.//1.9e-05:625:59//Z98882
 F-NT2RP4000008//Homo sapiens chromosome X, clone hCIT-200_L_4; complete sequence.//1.5e-155:844:92//AC006121
- 50 F-NT2RP4000023//Arabidopsis thaliana genomic DNA, chromosome 5, TAC clone: K24G6, complete sequence.//0.012:417:59//AB012242
 F-NT2RP4000035//Homo sapiens BAC clone NH0353P23 from 2, complete sequence.//8.0e-18:242:74//AC005035
 F-NT2RP4000049//Homo sapiens decoy receptor 2 mRNA, complete cds.//2.1e-81:556:85//AF029761
 F-NT2RP4000051//Mus musculus mRNA for cartilage-associated protein (CASP).//1.6e-19:654:63//AJ006469
 F-NT2RP4000078//Homo sapiens mRNA for NS1-binding protein (NS1-BP).//2.5e-149:720:97//AJ012449
 F-NT2RP4000102//Plasmodium falciparum MAL3P2, complete sequence.//0.28:336:57//AL034558
- 55

F-NT2RP4000109//Homo sapiens mRNA for MEGF5, partial cds.//4.4e-166:774:99//AB011538
 F-NT2RP4000111//B.taurus mRNA for cleavage and polyadenylation specificity factor.//2.6e-137:678:91//X75931
 F-NT2RP4000129//Homo sapiens mRNA for KIAA0483 protein, partial cds.//3.3e-114:548:98//AB007952
 5 F-NT2RP4000147//Rattus norvegicus ADP-ribosylation factor-directed GTPase activating protein mRNA, complete cds.//1.2e-104:677:85//U35776
 F-NT2RP4000150//Rat proto-oncogene (Ets-1) mRNA, complete cds.//7.2e-54:327:74//L20681
 F-NT2RP4000151//Homo sapiens clone 664 unknown mRNA, partial sequence.//2.2e-62:360:92//AF091088
 F-NT2RP4000159//RPC111-75N16.TJ RPC111 Homo sapiens genomic clone R-75N16, genomic survey sequence.//2.6e-19:119:98//AQ267551
 10 F-NT2RP4000167//Homo sapiens Xp22-150 BAC GSHB-309P15 (Genome Systems Human BAC Library) complete sequence.//3.3e-49:683:67//AC006210
 F-NT2RP4000185//Homo sapiens clone DT1P1E11 mRNA, CAG repeat region.//1.1e-99:543:93//U92989
 F-NT2RP4000210//Homo sapiens mRNA for KIAA0700 protein, partial cds.//4.9e-174:825:98//AB014600
 F-NT2RP4000212//, complete sequence.//4.0e-131:233:94//AC005300
 15 F-NT2RP4000214//Homo sapiens chromosome 19, CIT-HSP-444n24, complete sequence.//1.8e-161:751:99//AC005261
 F-NT2RP4000218//RPC111-69B7.TJ RPC111 Homo sapiens genomic clone R-69B7, genomic survey sequence.//1.7e-84:413:98//AQ268504
 F-NT2RP4000243//Homo sapiens mRNA for cartilage-associated protein (CASP).//2.6e-156:771:97//AJ006470
 20 F-NT2RP4000246//Mus musculus neural variant mena+++ protein (Mena) mRNA, complete cds.//2.1e-120:707:87//U72523
 F-NT2RP4000259//Homo sapiens clone 683 unknown mRNA, complete sequence.//2.8e-128:604:99//AF091092
 F-NT2RP4000263//CIT-HSP-2336N24.TF CIT-HSP Homo sapiens genomic clone 2336N24, genomic survey sequence.//0.27:124:69//AQ043515
 25 F-NT2RP4000290//S.cerevisiae chromosome XIV reading frame ORF YNL132w.//8.6e-32:619:63//Z71408
 F-NT2RP4000312//Human mRNA for KIAA0147 gene, partial cds.//4.7e-41:685:63//D63481
 F-NT2RP4000321//Mus musculus transcription factor HOXA13 (Hoxa13) gene, complete cds.//6.9e-05:756:59//U59322
 F-NT2RP4000323
 30 F-NT2RP4000355
 F-NT2RP4000360//Homo sapiens mRNA for KIAA0738 protein, complete cds.//2.0e-140:654:99//AB018281
 F-NT2RP4000367//Homo sapiens IkappaB kinase complex associated protein (IKAP) mRNA, complete cds.//2.6e-135:649:97//AF044195
 F-NT2RP4000370//Rickettsia prowazekii strain Madrid E, complete genome; segment 3/4.//2.0e-23:524:62//AJ235272
 35 F-NT2RP4000376//Sequence 1 from patent US 5580968.//1.6e-115:716:87//I30536
 F-NT2RP4000381//Mus musculus mRNA for hepatoma-derived growth factor, complete cds, strain:BALB/c.//4.3e-05:450:58//D63850
 F-NT2RP4000398//Homo sapiens chromosome 19, BAC CIT-B-393i15 (BC301323), complete sequence.//9.2e-37:336:69//AC006116
 40 F-NT2RP4000415//Caenorhabditis elegans cosmid C42D8.//0.30:222:60//U56966
 F-NT2RP4000417//Drosophila melanogaster cosmid clone 86E4.//1.8e-48:580:69//AL021086
 F-NT2RP4000424//Homo sapiens chromosome 17, clone HRPC41C23, complete sequence.//1.6e-42:265:81//AC003101
 45 F-NT2RP4000448//CIT-HSP-2370F8.TF CIT-HSP Homo sapiens genomic clone 2370F8, genomic survey sequence.//2.0e-56:287:98//AQ110194
 F-NT2RP4000449//CIT-HSP-2366N18.TR CIT-HSP Homo sapiens genomic clone 2366N18, genomic survey sequence.//2.4e-42:236:95//AQ076183
 F-NT2RP4000455//Homo sapiens PAC clone 166H1 from 12q, complete sequence.//0.17:158:67//AC003982
 50 F-NT2RP4000457//H.sapiens mRNA for herpesvirus associated ubiquitin-specific protease (HAUSP).//0.00034:532:57//Z72499
 F-NT2RP4000480//Rhodothermus marinus R-21 DNA ligase gene, complete cds.//0.0094:616:58//U10483
 F-NT2RP4000481
 F-NT2RP4000498//S.cerevisiae chromosome IX cosmid 9150.//5.7e-24:633:60//Z38125
 55 F-NT2RP4000500//G.gallus mRNA for LRP/alpha-2-macroglobulin receptor.//2.4e-62:667:73//X74904
 F-NT2RP4000515
 F-NT2RP4000517//Homo sapiens chromosome 18, clone hRPK.474_N_24, complete sequence.//1.6e-179:851:98//AC006238

- F-NT2RP4000518//Homo sapiens mRNA for ATP-dependent RNA helicase, partial//6.7e-33:203:93//AJ010840
 F-NT2RP4000519//Mus musculus tyrosine kinase growth factor receptor (Etk2/tyro3) gene, alternative 5' coding exon 2C//0.26:162:61//U23720
- 5 F-NT2RP4000524//Rattus norvegicus rsec8 mRNA, partial cds//1.2e-139:809:89//U32498
 F-NT2RP4000528//Caenorhabditis elegans cosmid F59E12//1.0e-06:404:59//AF003386
 F-NT2RP4000541//Drosophila melanogaster DNA sequence (P1 DS02109 (D53)), complete sequence//1.3e-05:498:58//AC002443
 F-NT2RP4000556//Sequence 1 from Patent EP 0285405//1.2e-18:566:61//I05465
 F-NT2RP4000560//Murine genomic DNA; partially digested. Sau3A fragment, cloned into cosmid vector pEMBLcos2, complete sequence//2.5e-53:183:82//AF059580
- 10 F-NT2RP4000588//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 414D7, WORKING DRAFT SEQUENCE//0.00062:253:65//AL033543
 F-NT2RP4000614//Homo sapiens TLS-associated protein TASR-2 mRNA, complete cds//3.2e-138:666:98//AF067730
- 15 F-NT2RP4000638//HS_3042_B2_D05_MF CIT Approved Human Genomic Sperm Library D Homo sapiens genomic clone Plate=3042 Col=10 Row=H, genomic survey sequence//3.0e-06:78:89//AQ099333
 F-NT2RP4000648//Homo sapiens KNSL4 and MAZ genes for kinesin-like DNA binding protein and Myc-associated zinc finger protein, complete cds//1.9e-11:104:85//AB017335
 F-NT2RP4000657//Mus musculus bone morphogenetic factor 11. (Bmp11) gene, exon 1//0.34:350:62//AF100904
- 20 F-NT2RP4000704//Homo sapiens mRNA expressed in 19week fetal lung, clone IMAGE:300856//3.3e-167:785:99//AB004852
 F-NT2RP4000713//Gallus gallus atonal homolog 1 (Cath1) gene, complete cds//3.7e-07:261:65//U61149
 F-NT2RP4000724//Human endogenous retrovirus env mRNA//9.2e-136:474:89//X82272
 F-NT2RP4000728//Homo sapiens mRNA for KIAA0606 protein, partial cds//3.1e-41:350:71//AB011178
- 25 F-NT2RP4000737//Myxococcus xanthus ATP-dependent protease (bsgA) gene, complete cds//1.0:504:58//L19301
 F-NT2RP4000739//CIT-HSP-2010O22.TR CIT-HSP Homo sapiens genomic clone 2010O22, genomic survey sequence//1.1e-24:161:93//B57903
 F-NT2RP4000781//Homo sapiens clone DJ0892G19, complete sequence//0.052:493:58//AC004917
- 30 F-NT2RP4000787//Cricetulus griseus SRD-2 mutant sterol regulatory element binding protein-2 (SREBP-2) mRNA, complete cds//9.6e-18:259:68//U22818
 F-NT2RP4000817//Homo sapiens mRNA for KIAA0470 protein, complete cds//1.5e-174:816:98//AB007939
 F-NT2RP4000833//Homo sapiens PAC clone DJ0905J08 from 7p12-p14, complete sequence//0.97:52:92//AC005189
- 35 F-NT2RP4000837//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 1112F19, WORKING DRAFT SEQUENCE//2.1e-128:644:97//AL034420
 F-NT2RP4000839//RPCI11-6D8.TP RPCI-11 Homo sapiens genomic clone RPCI-11-6D8, genomic survey sequence//1.5e-44:281:91//B48216
 F-NT2RP4000855//Rattus norvegicus mRNA for aminopeptidase-B, complete cds//9.5e-43:722:64//D87515
- 40 F-NT2RP4000865//Human zinc finger protein ZNF136//6.8e-95:415:78//U09367
 F-NT2RP4000878//Mus musculus mRNA for myeloid associated differentiation protein//7.0e-87:646:80//AJ001616
 F-NT2RP4000879//N.tabacum mRNA for ubiquitin activating enzyme E1//9.0e-17:806:58//Y10804
 F-NT2RP4000907//Mouse NLRR-1 mRNA for leucine-rich-repeat protein, complete cds//6.8e-153:934:86//D45913
- 45 F-NT2RP4000915//Homo sapiens mRNA for ZNF198 protein//9.4e-79:584:78//AJ224901
 F-NT2RP4000918//Drosophila melanogaster DNA sequence (P1 DS04106 (D172)), complete sequence//2.0e-08:609:58//AC004290
 F-NT2RP4000925//Rattus norvegicus Shal-related potassium channel Kv4.3 mRNA, complete cds//3.5e-64:415:87//U42975
- 50 F-NT2RP4000927//H.sapiens genomic DNA (chromosome 3; clone NRL062R)//0.75:175:62//X87547
 F-NT2RP4000928//Homo sapiens CDP-diacylglycerol synthase 2 (CDS2) mRNA, partial cds//3.5e-163:781:97//AF069532
 F-NT2RP4000929//Plasmodium falciparum 3D7 chromosome 12 PFYAC69 genomic sequence WORKING DRAFT SEQUENCE, 4 unordered pieces//0.94:763:56//AC004688
- 55 F-NT2RP4000955//Homo sapiens clone DJ0919J22, WORKING DRAFT SEQUENCE, 34 unordered pieces//1.0e-128:673:96//AC005519
 F-NT2RP4000973//Caenorhabditis elegans cosmid Y47H9C, complete sequence//1.6e-15:255:69//AL032657

- F-NT2RP4000975//CIT-HSP-230716.TF CIT-HSP Homo sapiens genomic clone 230716, genomic survey sequence.//6.5e-31:317:79//AQ015742
- F-NT2RP4000979//Human bullous pemphigoid antigen mRNA, 3' end.//0.88:54:90//M22942
- F-NT2RP4000984//Rhodobacter sphaeroides mRNA.//0.76:214:64//M83823
- 5 F-NT2RP4000989//F.rubripes GSS sequence, clone 011A11aE12, genomic survey sequence.//1.0:149:65//AL010911
- F-NT2RP4000996//Penaeus setiferus microsatellite Pse017 repeat region.//3.3e-08:139:74//AF047358
- F-NT2RP4000997//Rattus norvegicus RNA polymerase I 127 kDa subunit mRNA, complete cds.//3.6e-126:824:84//AF025424
- 10 F-NT2RP4001004
- F-NT2RP4001006//Mus musculus ROSA 26 transcription AS ROSA26AS mRNA, complete cds.//1.4e-110:861:78//U83176
- F-NT2RP4001010//Rattus norvegicus PSD-95/SAP90-associated protein-4 mRNA, complete cds.//2.0e-135:789:89//U67140
- 15 F-NT2RP4001029//Mus domesticus nuclear binding factor NF2d9 mRNA, complete cds.//3.7e-120:718:88//U20086
- F-NT2RP4001041//Schizosaccharomyces pombe mRNA, partial cds, clone: SY 0717.//4.1e-22:452:64//D89170
- F-NT2RP4001057
- F-NT2RP4001064//Mus musculus mRNA for cartilage-associated protein (CASP).//1.2e-20:639:62//AJ006469
- 20 F-NT2RP4001078//Streptomyces coelicolor cosmid 1C2.//0.0025:474:59//AL031124
- F-NT2RP4001079//Rat alternatively spliced mRNA.//1.4e-141:832:88//M93018
- F-NT2RP4001080//H.sapiens PTB-4 gene for polypirimidine tract binding protein.//9.0e-64:628:70//X65372
- F-NT2RP4001086//Homo sapiens mRNA for KIAA0592 protein, partial cds.//4.7e-84:604:86//AB011164
- F-NT2RP4001095
- 25 F-NT2RP4001100//CITBI-E1-2503J7.TR CITBI-E1 Homo sapiens genomic clone 2503J7, genomic survey sequence.//9.4e-17:185:79//AQ263402
- F-NT2RP4001117//Canis familiaris sec61 homologue mRNA, complete cds.//1.0e-143:760:87//M96629
- F-NT2RP4001122
- F-NT2RP4001126//Homo sapiens shox gene, alternatively spliced products, complete cds.//4.2e-17:636:61//U82668
- 30 F-NT2RP4001138//Homo sapiens PAC clone DJ1121E10 from 7q21.1-q2, complete sequence.//2.5e-23:408:60//AC004969
- F-NT2RP4001143//Sequence 5 from patent US 5753432.//1.8e-39:276:86//AR008079
- F-NT2RP4001148//Homo sapiens clone RG332P12, WORKING DRAFT SEQUENCE, 1 unordered pieces.//2.7e-116:684:89//AC005095
- 35 F-NT2RP4001149//Mouse mRNA for thymic epithelial cell surface antigen, complete cds.//3.0e-48:581:66//D67067
- F-NT2RP4001150//Homo sapiens clone DJ1032D07, WORKING DRAFT SEQUENCE, 3 unordered pieces.//9.4e-25:193:67//AC004952
- 40 F-NT2RP4001159//Human FMR1 gene, 5' end.//0.28:130:66//L19476
- F-NT2RP4001174//FMR1 {CGG repeats} [human, Fragile X syndrome patient, Genomic, 429 nt].//0.0014:187:67//S74494
- F-NT2RP4001206//Dictyostelium discoideum random slug cDNA19 protein (rscl9) mRNA, partial cds.//0.032:453:58//U82511
- 45 F-NT2RP4001207//HS_2248_A1_C03_MF CIT Approved Human Genomic Sperm Library D Homo sapiens genomic clone Plate=2248 Col=5 Row=E, genomic survey sequence.//0.00018:58:94//AQ192358
- F-NT2RP4001210//Homo sapiens chromosome 10 clone CIT987SK-1019O18 map 10p11.2-10p12.1, complete sequence.//0.93:515:58//AC005877
- F-NT2RP4001213//Human KRAB zinc finger protein (ZNF177) mRNA, splicing variant, complete cds.//3.6e-44:187:74//U37251
- 50 F-NT2RP4001219//Caenorhabditis elegans cosmid Y47H9C, complete sequence.//1.3e-15:288:67//AL032657
- F-NT2RP4001228//Homo sapiens actin binding protein MAYVEN mRNA, complete cds.//2.2e-26:855:60//AF059569
- F-NT2RP4001235//RPCI11-18E11.TVB RPCI-11 Homo sapiens genomic clone RPCI-11-18E11, genomic survey sequence.//2.7e-15:101:98//B88081
- 55 F-NT2RP4001256//Amycolatopsis mediterranei 3-amino-5-hydroxy benzoic acid synthase (rifD) gene, complete cds.//1.0:459:59//U33061
- F-NT2RP4001260//Sequence 2 from Patent WO9601901.//0.0018:246:63//A48324

F-NT2RP4001274//Homo sapiens, complete sequence//2.5e-05:201:67//AC005854
 F-NT2RP4001276//CIT-HSP-2324B15.TF CIT-HSP Homo sapiens genomic clone 2324B15, genomic survey sequence//3.5e-18:138:92//AQ040728
 F-NT2RP4001313//Homo sapiens mitochondrial outer membrane protein (TOM40) mRNA, nuclear gene encoding mitochondrial protein, complete cds//7.4e-30:535:65//AF043250
 5 F-NT2RP4001315//Bos taurus mRNA for Rab5 GDP/GTP exchange factor, Rabex5//3.5e-145:795:91//AJ001119
 F-NT2RP4001336//CIT-HSP-2169F21.TR CIT-HSP Homo sapiens genomic clone 2169F21, genomic survey sequence//8.4e-16:109:94//B89870
 F-NT2RP4001339//HS_3205_B1_E08_T7 CIT Approved Human Genomic Sperm Library D Homo sapiens genomic clone Plate=3205 Col=15 Row=J, genomic survey sequence//7.1e-24:305:73//AQ183725
 10 F-NT2RP4001343//Homo sapiens PAC clone DJ0894A10 from 7q32-q32, complete sequence//1.9e-17:106:91//AC004918
 F-NT2RP4001345//G.gallus mRNA for lecithin-cholesterol acyltransferase//7.6e-40:631:66//X91011
 F-NT2RP4001351//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 184J9, WORKING DRAFT SEQUENCE//2.7e-30:608:64//AL031428
 15 F-NT2RP4001353//Streptomyces coelicolor cosmid 5A7//0.23:540:57//AL031107
 F-NT2RP4001372//RPC11-49L11.TJ RPC11 Homo sapiens genomic clone R-49L11, genomic survey sequence//8.5e-23:129:100//AQ051701
 F-NT2RP4001373//G.gallus genomic DNA repeat region, clone 16E1//0.15:213:61//X78609
 20 F-NT2RP4001375
 F-NT2RP4001379//Homo sapiens chromosome 17, clone hRPK.311_F_12, complete sequence//7.3e-28:153:88//AC005722
 F-NT2RP4001389//Homo sapiens PAC clone DJ0740D02 from 7p14-p15, complete sequence//7.2e-47:518:73//AC004691
 25 F-NT2RP4001407//P.falciparum glutamic acid-rich protein gnen, complete cds//0.00079:686:57//J03998
 F-NT2RP4001414//Human mRNA for KIAA0202 gene, partial cds//2.0e-76:818:71//D86957
 F-NT2RP4001433//H.sapiens HZF10 mRNA for zinc finger protein//3.5e-87:839:73//X78933
 F-NT2RP4001442
 F-NT2RP4001447//Homo sapiens mRNA for KIAA0783 protein, complete cds//0.21:218:63//AB018326
 30 F-NT2RP4001474//Human NotI linking clone 924A058R, genomic survey sequence//7.6e-14:109:90//U49884
 F-NT2RP4001483//Human mRNA for 2-oxoglutarate dehydrogenase, complete cds//2.5e-59:480:75//D10523
 F-NT2RP4001498//Homo sapiens huntingtin interacting protein HYPH mRNA, partial cds//9.7e-39:392:72//AF049612
 F-NT2RP4001502//H.sapiens (D8S135) DNA segment containing GT repeat//2.7e-24:147:96//X61693
 35 F-NT2RP4001507//Plasmid pSB24.2 (from S.cyanogenus) neomycin resistance protein gene, complete cds//0.87:583:58//M32513
 F-NT2RP4001524//Plasmodium falciparum 3D7 chromosome 12 PFYAC492 genomic sequence, WORKING DRAFT SEQUENCE, 5 unordered pieces//0.93:394:58//AC005308
 F-NT2RP4001529//Mus domesticus nuclear binding factor NF2d9 mRNA, complete cds//3.1e-143:820:89//U20086
 40 F-NT2RP4001547//S.cerevisiae chromosome XIV reading frame ORF YNR048w//2.2e-05:319:61//Z71663
 F-NT2RP4001551//S.pombe chromosome II p1 p8B7//0.64:335:60//AL032684
 F-NT2RP4001555//Homo sapiens 12q24.2 BAC RPC11-360E11 (Roswell Park Cancer Institute Human BAC Library) complete sequence//1.0:309:58//AC004806
 45 F-NT2RP4001567//HS_2166_B1_C07_MF CIT Approved Human Genomic Sperm Library D Homo sapiens genomic clone Plate=2166 Col=13 Row=F, genomic survey sequence//0.99:188:59//AQ086290
 F-NT2RP4001568//Human mRNA for KIAA0167 gene, complete cds//7.0e-53:566:72//D79989
 F-NT2RP4001571//RPC11-21F20.TP RPC11-11 Homo sapiens genomic clone RPC11-21F20, genomic survey sequence//2.8e-19:119:97//B85885
 50 F-NT2RP4001574//B.primigenius mRNA for coat protein gamma-cop//5.8e-129:813:85//X92987
 F-NT2RP4001575//Rattus norvegicus mRNA for ARE1 protein//3.4e-131:795:86//AJ223830
 F-NT2RP4001592//S.aureus gene for isoleucyl-tRNA synthetase//1.3e-14:663:59//X74219
 F-NT2RP4001610//Homo sapiens Xp22 Cosmids U15E4, U115H5, U132E12, U115B9 (Lawrence Livermore human cosmid library) complete sequence//6.4e-10:135:73//AC002364
 55 F-NT2RP4001614//HS_3042_B2_D05_MF CIT Approved Human Genomic Sperm Library D Homo sapiens genomic clone Plate=3042 Col=10 Row=H, genomic survey sequence//3.4e-06:78:89//AQ099333
 F-NT2RP4001634
 F-NT2RP4001638//cSRL-161F1-u cSRL flow sorted Chromosome 11 specific cosmid Homo sapiens genomic

- clone cSRL-161FI, genomic survey sequence.//4.9e-12:144:76//B02870
 F-NT2RP4001644//M.musculus mRNA for map kinase interacting kinase, Mnk2.//3.8e-69:437:86//Y11092
 F-NT2RP4001656//HS_2013_A1_D01_MR CIT Approved Human Genomic Sperm Library D Homo sapiens ge-
 nomic clone Plate=2013 Col=1 Row=G, genomic survey sequence.//2.0e-30:207:89//AQ224793
 5 F-NT2RP4001677//Hylobates lar huntingtin gene, partial exon.//0.23:105:71//L49362
 F-NT2RP4001679//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 462O23, WORKING
 DRAFT SEQUENCE.//2.7e-45:351:84//AL031431
 F-NT2RP4001696//Human chromosome 8 BAC clone CIT987SK-2A8 complete sequence.//1.8e-30:163:88//
 U96629
 10 F-NT2RP4001725//Drosophila melanogaster DNA sequence (P1-DS08860 (D181)), complete sequence.//1.1e-
 13:402:63//AC004296
 F-NT2RP4001730//RPCI11-37M21.TK RPCI-11 Homo sapiens genomic clone RPCI-11-37M21, genomic survey
 sequence.//0.88:177:67//AQ029840
 F-NT2RP4001739
 15 F-NT2RP4001753//H.sapiens telomeric DNA sequence, clone 12QTELO023, read 12QTELO023.seq.//4.9e-36:
 192:98//Z96232
 F-NT2RP4001760//Mouse oncogene (ect2) mRNA, complete cds.//2.3e-140:866:86//L11316
 F-NT2RP4001790//Homo sapiens clone NH0569I24, complete sequence.//1.4e-29:327:74//AC005678
 F-NT2RP4001803
 20 F-NT2RP4001822//Homo sapiens tetraspan TM4SF (TSPAN-4) mRNA, complete cds.//1.0e-16:576:60//
 AF054841
 F-NT2RP4001823//Human DNA sequence from clone 181C9 on chromosome 22q13.2-13.33. Contains a PHAPI2
 Leucine Rich Acidic Nuclear Protein pseudogene, part of a putative novel gene, ESTs, STSs and GSSs, complete
 sequence.//2.1e-08:601:59//Z98743
 25 F-NT2RP4001828
 F-NT2RP4001838//Human mRNA for KIAA0071 gene, partial cds.//2.2e-53:555:73//D31888
 F-NT2RP4001841
 F-NT2RP4001849//Homo sapiens mRNA for KIAA0672 protein, complete cds.//1.7e-55:813:65//AB014572
 F-NT2RP4001861//Human simple repeat polymorphism.//0.0014:145:66//M87691
 30 F-NT2RP4001889//HS_2052_B1_H06_T7 CIT Approved Human Genomic Sperm Library D Homo sapiens ge-
 nomic clone Plate=2052 Col=11 Row=P, genomic survey sequence.//1.0e-23:187:86//AQ270425
 F-NT2RP4001893//Homo sapiens BAC clone GS166A23 from 7p21, complete sequence.//7.3e-76:178:95//
 AC005014
 F-NT2RP4001896//T3B4TFC TAMU Arabidopsis thaliana genomic clone T3B4, genomic survey sequence.//0.99:
 35 354:61//B26193
 F-NT2RP4001901//Streptomyces griseus genes for Orf2, Orf3, Orf4, Orf5, AfsA, Orf8, partial and complete cds.//
 0.031:409:60//AB011413
 F-NT2RP4001927//HS_2216_B1_D03_MF CIT Approved Human Genomic Sperm Library D Homo sapiens ge-
 nomic clone Plate=2216 Col=5 Row=H, genomic survey sequence.//4.9e-32:216:89//AQ184677
 40 F-NT2RP4001938//Mus musculus zinc finger protein (Zfp64) mRNA, complete cds.//1.2e-83:709:79//U49046
 F-NT2RP4001946//HS_3021_B2_H10_MR CIT Approved Human Genomic Sperm Library D Homo sapiens ge-
 nomic clone Plate=3021 Col=20 Row=P, genomic survey sequence.//7.6e-09:120:76//AQ133185
 F-NT2RP4001950//Human DNA sequence from clone 353H6 on chromosome Xq25-26.2. Contains the alterna-
 tively spliced SMARCA1 gene for SW1/SNF related, matrix associated, actin dependent regulator of chromatin,
 45 subfamily a, member 1 (SNF2L1) and a 40S Ribosomal Protein S26 pseudogene. Contains ESTs, STSs and GSSs,
 complete sequence.//2.1e-18:421:65//AL022577
 F-NT2RP4001953//CIT-HSP-2294D14.TR CIT-HSP Homo sapiens genomic clone 2294D14, genomic survey se-
 quence.//0.030:358:61//AQ005028
 F-NT2RP4001966//Mus musculus DOC4 (Doc4) mRNA, complete cds.//2.5e-68:812:68//AF059485
 50 F-NT2RP4001975//Homo sapiens chromosome 17, clone hCIT91_U_4, complete sequence.//1.9e-57:555:75//
 AC003976
 F-NT2RP4002018//cSRL-143G4-u cSRL flow sorted Chromosome 11 specific cosmid Homo sapiens genomic
 clone cSRL-143G4, genomic survey sequence.//8.9e-21:123:98//B01950 F-NT2RP4002047//Saccharomyces
 cerevisiae chromosome XII cosmid 8003.//1.6e-29:520:64//U17243
 55 F-NT2RP4002052//CIT-HSP-2045A15.TF CIT-HSP Homo sapiens genomic clone 2045A15, genomic survey se-
 quence.//2.8e-22:137:96//B80243
 F-NT2RP4002058//T20L11-T7 TAMU Arabidopsis thaliana genomic clone T20L11, genomic survey sequence.//
 0.019:141:65//AQ248640

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F-NT2RP4002071//CIT-HSP-2314J9.TF CIT-HSP Homo sapiens genomic clone 2314J9, genomic survey sequence.//0.99:163:63//AQ027223

F-NT2RP4002075//Caenorhabditis elegans DNA *** SEQUENCING IN PROGRESS *** from clone Y57G11, WORKING DRAFT SEQUENCE.//0.15:506:59//Z92841

5 F-NT2RP4002078//RPC111-73M20.TJ RPC111 Homo sapiens genomic clone R-73M20, genomic survey sequence.//4.8e-21:130:96//AQ269030

F-NT2RP4002081//F.rubripes GSS sequence, clone 190O22bB9, genomic survey sequence.//0.0024:350:60//Z92062

F-NT2RP4002083//M.musculus tex27 mRNA.//8.2e-77:456:89//X80437

10 F-NT2RP4002408//Caenorhabditis elegans serine/threonine kinase LET-502 (let-502) mRNA, complete cds.//3.7e-18:541:62//U85515

F-NT2RP4002791

F-NT2RP4002888//Homo sapiens BAC clone RG067E13 from 7q21, complete sequence.//4.7e-39:385:75//AC002383

15 F-NT2RP4002905//Homo sapiens chromosome 17, clone hRPC.842_A_23, complete sequence.//6.5e-91:672:83//AC004662

F-NT2RP5003459//Human glyceraldehyde-3-phosphate dehydrogenase (GAPDH) mRNA, complete cds.//2.9e-37:193:99//M33197

F-NT2RP5003461//Human DNA sequence from PAC 506G2 contains ESTs.//7.9e-51:300:80//Z82901

20 F-NT2RP5003477//Human Chromosome 3 pac pDJ70i11, WORKING DRAFT SEQUENCE, 2 unordered pieces.//6.7e-77:150:100//AC000380

F-NT2RP5003492

F-NT2RP5003500//Human DNA sequence from cosmid 97K10, between markers DXS6791 and DXS8038 on chromosome X contains STSs and CpG island.//1.7e-111:623:93//Z81365

25 F-NT2RP5003506//H.sapiens CpG island DNA genomic MseI fragment, clone 71h2, reverse read cpg71h2.rt1a.//1.4e-49:283:93//Z62703

F-NT2RP5003512//HS_3084_A1_D04_MF CIT Approved Human Genomic Sperm Library D Homo sapiens genomic clone Plate=3084 Col=7 Row=G, genomic survey sequence.//7.7e-18:117:95//AQ186312

F-NT2RP5003522//Homo sapiens clone NH0479C13, WORKING DRAFT SEQUENCE, 12 unordered pieces.//3.8e-101:211:96//AC005236

30 F-NT2RP5003524//Homo sapiens beta-spectrin (HSpTB1) gene, exon 14 and partial cds.//0.00056:650:57//AF013178

F-NT2RP5003534//H.sapiens CpG island DNA genomic MseI fragment, clone 14c10, forward read cpg14c10.ft1b.//0.00013:70:91//Z54631

35 F-OVARC1000001//Homo sapiens mRNA for KIAA0465 protein, partial cds.//1.2e-67:373:94//AB007934

F-OVARC1000004//Homo sapiens chromosome 4 clone B368A9 map 4q25, complete sequence.//5.8e-93:518:81//AC005510

F-OVARC1000006//Gallus gallus histone H2A (H2A-VIII) gene, complete cds.//9.1e-56:392:84//U38933

F-OVARC1000013

40 F-OVARC1000014//Homo sapiens GLE1 (GLE1) mRNA, complete cds.//5.6e-170:815:98//AF058922

F-OVARC1000017//Streptomyces glaucescens tcm operon.//0.37:347:60//M80674

F-OVARC1000035//Homo sapiens GA17 protein mRNA, complete cds.//6.8e-36:238:89//AF064603

F-OVARC1000058

F-OVARC1000060//Homo sapiens ribonuclease 6 precursor, mRNA, complete cds.//2.5e-36:192:98//U85625

45 F-OVARC1000068//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 404K8, WORKING DRAFT SEQUENCE.//0.14:554:57//AL023883

F-OVARC1000071//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 596C15, WORKING DRAFT SEQUENCE.//5.3e-104:197:100//AL031387

F-OVARC1000085//Human DNA sequence from clone 191N21 on chromosome 6q27 Contains genes for PDCD2 (PROGRAMMED CELL DEATH-2/TP53 HOMOLOG), TATA factor (TFIID), proteasome subunit HC5, EST, STS, GSS, complete sequence.//1.6e-116:588:96//AL031259

50 F-OVARC1000087//HS_2004_B2_E11_MR CIT Approved Human Genomic Sperm Library D Homo sapiens genomic clone Plate=2004 Col=22 Row=J, genomic survey sequence.//7.1e-11:94:94//AQ221037

F-OVARC1000091//nbxb0020P17r CUGI Rice BAC Library Oryza sativa genomic clone nbxb0020P17r, genomic survey sequence.//5.2e-05:238:64//AQ258489

55 F-OVARC1000092//Homo sapiens chromosome Y, clone 264.M.20, complete sequence.//1.1e-10:720:58//AC004617

F-OVARC1000106//HS_3212_B2_G12_MR CIT Approved Human Genomic Sperm Library D Homo sapiens ge-

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nomic clone Plate=3212 Col=24 Row=N, genomic survey sequence.//9.9e-05:141:73//AQ175369
 F-OVARC1000109
 F-OVARC1000113//Homo sapiens okadaic acid-inducible phosphoprotein (OA48-18) mRNA, complete cds.//1.6e-133:663:96//AF069250
 5 F-OVARC1000114//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 1111N9, WORKING DRAFT SEQUENCE.//2.3e-51:547:70//AL022574
 F-OVARC1000133//Homo sapiens clone GS512121, WORKING DRAFT SEQUENCE, 9 unordered pieces.//0.62:349:61//AC005027
 F-OVARC1000139//Caenorhabditis elegans cosmid F09D1.//2.5e-18:314:64//AF040640
 10 F-OVARC1000145//HS_2257_B2_D11_MR CIT Approved Human Genomic Sperm Library D Homo sapiens genomic clone Plate=2257 Col=22 Row=H, genomic survey sequence.//5.8e-30:203:90//AQ304854
 F-OVARC1000148//CIT-HSP-2345A22.TR CIT-HSP Homo sapiens genomic clone 2345A22, genomic survey sequence.//1.1e-26:146:100//AQ056703
 F-OVARC1000151//Sequence 1 from patent US 5665588.//2.6e-61:677:70//I64695
 15 F-OVARC1000168//Homo sapiens chromosome 19, cosmid R31343, complete sequence.//4.9e-19:381:63//AC005764
 F-OVARC1000191//Plasmodium falciparum DNA *** SEQUENCING IN PROGRESS *** from MAL4P1, WORKING DRAFT SEQUENCE.//1.3e-06:745:57//AL034557
 F-OVARC1000198//*** SEQUENCING IN PROGRESS *** Homo sapiens chromosome 4, BAC clone C0366H07; HTGS phase 1, WORKING DRAFT SEQUENCE, 28 unordered pieces.//6.4e-161:781:97//AC004604
 20 F-OVARC1000209//Oryza sativa submergence induced protein 2A mRNA, complete cds.//9.2e-33:511:65//AF068332
 F-OVARC1000212//F.rubripes GSS sequence, clone 185L11aC1, genomic survey sequence.//1.1e-13:139:79//AL019910
 25 F-OVARC1000240//Sequence 1 from patent US 5710024.//1.4e-129:623:98//I81226
 F-OVARC1000241//Mus musculus hypoxia inducible factor three.alpha mRNA, complete cds.//1.1e-112:697:87//AF060194
 F-OVARC1000288 2.2e-22:181:83//J00345
 F-OVARC1000302//A-192A9.TP CIT978SK Homo sapiens genomic clone A-192A9, genomic survey sequence.//4.8e-18:110:99//B18003
 30 F-OVARC1000304//Mouse mRNA from Mov10 locus.//5.5e-100:631:85//X52574
 F-OVARC1000309
 F-OVARC1000321//Homo sapiens clone NH0479C13, WORKING DRAFT SEQUENCE, 12 unordered pieces.//3.1e-122:325:95//AC005236
 35 F-OVARC1000326//Rattus norvegicus lamina-associated polypeptide 1C (LAP1C) mRNA, complete cds.//4.0e-46:339:84//U19614
 F-OVARC1000335//Caenorhabditis elegans cosmid F15B10.//0.020:545:57//AF036696
 F-OVARC1000347//Homo sapiens clone GS051M12, complete sequence.//0.71:252:59//AC005007
 F-OVARC1000384//Homo sapiens expanded SCA7 CAG repeat.//2.2e-09:276:64//AF020275
 40 F-OVARC1000408//Human Chromosome 11p15.5 PAC clone pDJ915f1 containing KvLQT1 gene, complete sequence.//0.61:343:59//AC003693
 F-OVARC1000411//S.cerevisiae chromosome XI reading frame ORF YKL202w.//0.075:242:60//Z28201
 F-OVARC1000414//Homo sapiens PAC clone DJ0905M06 from 7q31, complete sequence.//0.00088:285:62//AC005166
 45 F-OVARC1000420//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 371H6, WORKING DRAFT SEQUENCE.//0.14:487:60//AL031718
 F-OVARC1000427//Homo sapiens clone UWGC:rg041a03 from 7p14-15, complete sequence.//4.9e-30:195:84//AC005826
 F-OVARC1000431//Plasmodium falciparum MAL3P2, complete sequence.//1.3e-05:651:59//AL034558
 50 F-OVARC1000437//Chicken tensin mRNA, complete cds.//9.6e-54:296:78//M74165
 F-OVARC1000440//Human PINCH protein mRNA, complete cds.//2.7e-19:116:99//U09284
 F-OVARC1000442//Human DNA sequence from clone 816K17, on chromosome 20p12.2-13 Contains TGM3 (PROTEIN-GLUTAMINE GLUTAMYLTRANSFERASE E3 PRECURSOR (EC 2.3.2.13) (TGASE E3) (TRANS-GLUTAMINASE 3), and another member of the Transglutaminase family, complete sequence.//1.0e-21:202:79//AL031678
 55 F-OVARC1000443//Homo sapiens mRNA for KIAA0683 protein, complete cds.//1.0e-138:566:99//AB014583
 F-OVARC1000461
 F-OVARC1000465//Bos taurus guanine nucleotide-exchange protein (ARF-GEP1) mRNA, complete cds.//4.7e-

124:650:93//AF023451

F-OVARC1000466//Homo sapiens DNA from chromosome 19, cosmid R29144, complete sequence.//1.0e-15:510:59//AC004221

F-OVARC1000473//Ciona intestinalis genomic fragment, clone 3F4, genomic survey sequence.//2.5e-06:272:62//AJ227191

F-OVARC1000479//cDNA encoding novel rat protein TIP120 which is formed of complex with TBP (TATA binding protein).//1.1e-117:652:90//E12829

F-OVARC1000486//Homo sapiens DNA sequence from PAC 262D12 on chromosome 1q23.3-24.3. Contains a Tenascin (Hexabrachion, Cytotactin, Neuronectin, Myotendinous antigen)-LIKE gene and a mitochondrial/chloroplast 30S ribosomal protein S14-LIKE gene preceded by a CpG island. Contains ESTs, genomic marker D1S2691 and STSs.//1.7e-13:709:60//Z99297

F-OVARC1000496//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 455J7, WORKING DRAFT SEQUENCE.//6.0e-23:316:72//AL031733

F-OVARC1000520//Homo sapiens supervillin mRNA, complete cds.//2.1e-113:539:99//AF051850

F-OVARC1000526//Homo sapiens clone GS438P06, WORKING DRAFT SEQUENCE, 17 unordered pieces.//8.0e-149:716:98//AC005024

F-OVARC1000533//Homo sapiens chromosome 19, cosmid R30385, complete sequence.//5.8e-137:545:97//AC004510

F-OVARC1000543//HS_3055_A2_F10_MF CIT Approved Human Genomic_Sperm Library D Homo sapiens genomic clone Plate=3055 Col=20 Row=K, genomic survey sequence.//0.19:104:71//AQ102820

F-OVARC1000556//Homo sapiens DNA sequence from PAC 168L15 on chromosome 6q26-27. Contains RSK3 gene, ribosomal protein S6 kinase, EST, GSS, STS. CpG island, complete sequence.//4.4e-136:670:97//AL022069

F-OVARC1000557//Human DNA from chromosome 19-specific cosmid R27090, genomic sequence, complete sequence.//1.3e-15:262:69//AC002985

F-OVARC1000564//Mus musculus clone OST7314, genomic survey sequence.//1.9e-41:476:70//AF046733

F-OVARC1000573//HS_3241_B1_H03_T7 CIT Approved Human Genomic_Sperm Library D Homo sapiens genomic clone Plate=3241 Col=5 Row=P, genomic survey sequence.//2.2e-101:530:95//AQ211942

F-OVARC1000576//Human Chromosome X, WORKING DRAFT SEQUENCE, 2 unordered pieces.//9.7e-97:445:90//AC002414

F-OVARC1000578//Homo sapiens DNA from chromosome 19, BAC:33152, complete sequence.//9.1 e-27:354:72//AC003973

F-OVARC1000588//Human DNA sequence from clone 497J21 on chromosome 6q26-27. Contains a KOC (KH-domain containing transcript overexpressed in cancer) pseudogene, genomic marker D6S193, ESTs, STSs and GSSs, and a ca repeat polymorphism, complete sequence.//0.97:276:62//AL023775

F-OVARC1000605

F-OVARC1000622//Homo sapiens (subclone 2_d8 from P1 H42) DNA sequence, complete sequence.//7.2e-60:457:82//L81648

F-OVARC1000640//Human BAC clone RG326K09 from 7q21, complete sequence.//6.2e-58:499:80//AC002069

F-OVARC1000649//Human squamous cell carcinoma of esophagus mRNA for GRB-7 SH2 domain protein, complete cds.//5.1e-77:424:93//D43772

F-OVARC1000661//Homo sapiens mRNA for KIAA0590 protein, complete cds.//4.8e-99:536:94//AB011162

F-OVARC1000678//cSRL-29c7-u cSRL flow sorted Chromosome-11 specific cosmid Homo sapiens genomic clone cSRL-29c7, genomic survey sequence.//2.5e-57:336:91//B04244

F-OVARC1000679//Rattus norvegicus mRNA for myosin-RhoGAP protein Myr 7.//1.6e-81:291:84//AJ001713

F-OVARC1000681//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 257E24, WORKING DRAFT SEQUENCE.//8.2e-158:782:96//AL034424

F-OVARC1000682//Homo sapiens alpha 1,2-mannosidase IB mRNA, complete cds.//1.5e-151:549:99//AF027156

F-OVARC1000689//nbxb0003aG01f CUGI Rice BAC Library Oryza sativa genomic clone nbxb0003M01f, genomic survey sequence.//0.17:499:60//AQ050003

F-OVARC1000700

F-OVARC1000703//Drosophila melanogaster DNA repair protein (mei-41) gene, complete cds, and TH1 gene, partial cds.//3.5e-26:425:65//U34925

F-OVARC1000722//Homo sapiens chromosome 1q21-1q23 beta-1,4-galactosyltransferase mRNA, complete cds.//3.7e-109:451:91//AF038661

F-OVARC1000730

F-OVARC1000746

F-OVARC1000769//HS_2056_B2_G06_T7 CIT Approved Human Genomic_Sperm-Library D Homo sapiens genomic clone Plate=2056 Col=12 Row=N, genomic survey sequence.//8.8e-19:147:86//AQ245905

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- F-OVARC1000771//M.musculus mRNA for GTP-binding protein.//2.2e-62:305:78//X95403
 F-OVARC1000781//Sequence 5 from Patent WO9722695.//1.9e-89:705:78//A63552
 F-OVARC1000787//Homo sapiens PAC clone DJ430N08 from 22q12.1-qter, complete sequence.//3.0e-131:631:98//AC004542
- 5 F-OVARC1000800//Human Chromosome 11q23 PAC clone pDJ254e13, complete sequence.//1.7e-32:295:80//AC003691
 F-OVARC1000802//Homo sapiens chromosome Xp22-67-68, WORKING DRAFT SEQUENCE, 99 unordered pieces.//3.2e-55:356:88//AC004469
 F-OVARC1000834//Homo sapiens mRNA for atopy related autoantigen, CALC.//9.5e-27:163:94//Y17711
- 10 F-OVARC1000846//Homo sapiens mRNA for KIAA0643 protein, partial cds.//6.0e-150:432:100//AB014543
 F-OVARC1000850//Homo sapiens PB39 mRNA, complete cds.//1.0e-135:632:99//AF045584
 F-OVARC1000862//M.musculus mRNA for FT1.//2.6e-109:769:83//Z67963
 F-OVARC1000876//S.cerevisiae chromosome IX cosmid 9150.//7.4e-21:541:61//Z38125
 F-OVARC1000883//Mus domesticus nuclear binding factor NF2d9 mRNA, complete cds.//2.2e-08:98:88//U20086
- 15 F-OVARC1000885//B.subtilis 25 kb genomic DNA segment (from sspE to katA).//0.25:231:61//Z82044
 F-OVARC1000886//CIT-HSP-2171H6.TR CIT-HSP Homo sapiens genomic clone 2171H6, genomic survey sequence.//0.00035:139:69//B89721
 F-OVARC1000890
 F-OVARC1000891
- 20 F-OVARC1000897//Human DNA sequence from clone 215F16 on chromosome 22q12.1-12.3. Contains part of a Homeobox domain containing gene and GSSs, complete sequence.//1.4e-18:473:64//AL024494
 F-OVARC1000912//Bovine herpesvirus type 1 early-intermediate transcription control protein (BICP4) gene, complete cds.//8.9e-08:378:63//L14320
 F-OVARC1000915//Homo sapiens mRNA for KIAA0600 protein, partial cds.//7.7e-85:440:95//AB011172
- 25 F-OVARC1000924//HS_2022_A1_C01_T7 CIT Approved Human Genomic Sperm Library D Homo sapiens genomic clone Plate=2022 Col=1 Row=E, genomic survey sequence.//5.7e-21:122:99//AQ269493
 F-OVARC1000936//Human PAC clone DJ0093103 from Xq23, complete sequence.//1.2e-113:476:91//AC003983
 F-OVARC1000937//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 20208, WORKING DRAFT SEQUENCE.//0.00066:436:61//AL031848
- 30 F-OVARC1000945//Rattus norvegicus mRNA for atypical PKC specific binding protein, complete cds.//5.0e-89:556:86//AB005549
 F-OVARC1000948//P.falciparum complete gene map of plastid-like DNA (IR-B).//0.98:160:64//X95276
 F-OVARC1000959//CIT-HSP-2348O16.TR CIT-HSP Homo sapiens genomic clone 2348O16, genomic survey sequence.//0.99:270:59//AQ062850
- 35 F-OVARC1000960//Human DNA sequence from PAC 212P9 on chromosome 1p34.1-1p35. Contains delta opiate receptor, CpG island, CA repeat.//3.9e-41:577:72//AL009181
 F-OVARC1000964//P.falciparum malaria antigen (M26-32-2) gene, partial cds.//0.19:83:73//M63270
 F-OVARC1000971//Caenorhabditis elegans DNA *** SEQUENCING IN PROGRESS *** from clone Y57G11, WORKING DRAFT SEQUENCE.//0.013:670:57//Z92841
- 40 F-OVARC1000984//Leishmania major chromosome 1, complete sequence.//0.80:345:58//AE001274
 F-OVARC1000996//MO25 gene [mice, embryos, mRNA, 2322 nt].//2.6e-55:403:82//S51858
 F-OVARC1000999//Synthetic construct galanin receptor type 3 (GALR3) gene, complete cds.//0.33:105:69//AF042785
- 45 F-OVARC1001000//HS_2247_A1_H05_MR CIT Approved Human Genomic Sperm Library D Homo sapiens genomic clone Plate=2247 Col=9 Row=O, genomic survey sequence.//3.1e-60:315:96//AQ153910
 F-OVARC1001004//Homo sapiens from UWGC:y18c282 from 6p21, complete sequence.//3.1e-124:595:98//AC004190
 F-OVARC1001010//CIT-HSP-2034M3.TF CIT-HSP Homo sapiens genomic clone 2034M3, genomic survey sequence.//1.0:151:60//B74290
- 50 F-OVARC1001011//Human DNA sequence from cosmid U85A3, between markers DXS366 and DXS87 on chromosome X contains rad21 and T-cell cyclophorin pseudogenes; STS.//3.0e-08:149:79//Z78021
 F-OVARC1001032//Yeast (S.cerevisiae) mitochondrial Tyr-tRNA gene.//3.2e-13:667:60//M12451
 F-OVARC1001034//Mus musculus Fn54 mRNA, partial cds.//2.5e-119:737:86//AF001533
 F-OVARC1001038//Homo sapiens TRIAD1 type I mRNA, complete cds.//2.7e-150:733:97//AF099149
- 55 F-OVARC1001040//Homo sapiens clone RG270D13, WORKING DRAFT SEQUENCE, 18 unordered pieces.//9.8e-29:277:76//AC005081
 F-OVARC1001044//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 36411, WORKING DRAFT SEQUENCE.//0.0017:387:6.1//AL031319

- F-OVARC1001051//Rattus norvegicus brain specific cortactin-binding protein CBP90 mRNA, partial cds//0.012:112:74//AF053768
- F-OVARC1001055//Sequence 1 from patent US 5580754//3.3e-45:381:81//I30292
- 5 F-OVARC1001062//nbxb0026H08r CUGI Rice BAC Library Oryza sativa genomic clone nbxb0026H08r, genomic survey sequence//0.018:344:59//AQ271878
- F-OVARC1001065//S.pombe chromosome I cosmid c29E6//0.86:338:59//Z66525
- F-OVARC1001068//Homo sapiens Era GTPase A protein (HERA-A) mRNA, partial cds//2.0e-130:620:98//AF082657
- 10 F-OVARC1001072//Homo sapiens glypican 3 (GPC3) gene, partial cds and flanking repeat regions//9.3e-24:285:65//AF003529
- F-OVARC1001074//Human DNA sequence from clone 23K20 on chromosome Xq25-26.2 Contains EST, STS, GSS, complete sequence//2.0e-07:652:59//AL022153
- F-OVARC1001085//Homo sapiens c-syn protooncogene mRNA, complete cds//5.0e-35:187:99//M14333
- F-OVARC1001092//Homo sapiens mRNA for JM5 protein, complete CDS (clone IMAGE 53337, LLNLc110F1857Q7 (RZPD Berlin) and LLNLc110G0913Q7 (RZPD Berlin))//4.0e-74:289:95//AJ005897
- 15 F-OVARC1001107//Homo sapiens SKB1Hs mRNA, complete cds//3.6e-72:351:86//AF015913
- F-OVARC1001113//Homo sapiens diaphanous 1 (HDLA1) mRNA, complete cds//6.4e-150:710:98//AF051782
- F-OVARC1001117//Homo sapiens chromosome 5, P1 clone 328E3 (LBNL H53), complete sequence//0.99:148:67//AC005178
- 20 F-OVARC1001118//Human Chromosome 11 pac pDJ197h17, WORKING DRAFT SEQUENCE, 11 unordered pieces//2.6e-35:302:74//AC000382
- F-OVARC1001129//CIT-HSP-647P20.TP CIT-HSP Homo sapiens genomic clone 647P20, genomic survey sequence//0.94:106:66//B79052
- F-OVARC1001154//R.norvegicus mRNA for epithelin 1 and 2//1.8e-95:462:79//X62322
- 25 F-OVARC1001161//Homo sapiens chromosome 4 clone B71M12:map 4q25, complete sequence//2.9e-90:496:84//AC004069
- F-OVARC1001162
- F-OVARC1001167//Homo sapiens clone DJ1098J04, WORKING DRAFT SEQUENCE, 2 unordered pieces//0.00090:219:64//AC004961
- 30 F-OVARC1001169//Borrelia burgdorferi (section 27 of 70) of the complete genome//1.0:265:59//AE001141
- F-OVARC1001170//H.sapiens (xs170) mRNA, 350bp//4.6e-58:355:90//Z36823
- F-OVARC1001171//CIT-HSP-2285E22.TF CIT-HSP Homo sapiens genomic clone 2285E22, genomic survey sequence//1.5e-25:152:83//AQ002315
- 35 F-OVARC1001173//Human DNA sequence from clone 243E7 on chromosome 22q12.1. Contains ESTs, STSs and GSSs, complete sequence//0.0024:94:80//AL022323
- F-OVARC1001176//Streptomyces plicatus B-N-acetylhexosaminidase (hex) gene, complete cds//1.0:356:60//AF063001
- F-OVARC1001180//G.gallus DNA for polyubiquitin gene Ub II//0.0062:275:60//X58195
- F-OVARC1001188//Homo sapiens full-length insert cDNA clone ZD93F03//1.8e-32:180:97//AF086486
- 40 F-OVARC1001200
- F-OVARC1001232//Caenorhabditis elegans cosmid F10B5, complete sequence//0.013:128:67//Z48334
- F-OVARC1001240//Human Chromosome 11 pac pDJ360p17, WORKING DRAFT SEQUENCE, 44 unordered pieces//3.7e-131:811:87//AC001235
- F-OVARC1001243//Human BAC clone GS117O10 from 7q21-q22, complete sequence//0.044:457:59//AC003078
- 45 F-OVARC1001244//Human homolog of Drosophila female sterile homeotic mRNA, complete cds//8.4e-18:118:95//M80613
- F-OVARC1001261//Mus musculus putative membrane-associated guanylate kinase 1 (Magi-1) mRNA, alternatively spliced c form, partial cds//1.4e-95:649:84//AF027505
- F-OVARC1001268//Rattus norvegicus ADP-ribosylation factor-directed GTPase activating protein mRNA, complete cds//0.00051:72:83//U35776
- 50 F-OVARC1001270
- F-OVARC1001271//Homo sapiens mRNA for KIAA0643 protein, partial cds//2.1e-142:644:96//AB014543
- F-OVARC1001282//RPC111-60K8.TK RPC111 Homo sapiens genomic clone R-60K8, genomic survey sequence//0.0089:285:58//AQ195857
- 55 F-OVARC1001296//Homo sapiens echinoderm microtubule-associated protein homolog HuEMAP mRNA, complete cds//3.0e-20:263:73//U97018
- F-OVARC1001306//nbxb0002M13r CUGI Rice BAC Library Oryza sativa genomic clone nbxb0002M13r, genomic survey sequence//0.98:170:66//AQ156061

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- F-OVARC1001329//Homo sapiens BAC clone RG370M10 from 7p15, complete sequence.//1.3e-05:432:61//AC003986
- F-OVARC1001330//Plasmodium falciparum 3D7 chromosome 12 PFYAC1383 genomic sequence, WORKING DRAFT SEQUENCE, 3 unordered pieces.//0.027:444:59//AC005504
- 5 F-OVARC1001339//Homo sapiens chromosome 17, clone hCIT.124_H_2, complete sequence.//0.76:89:74//AC006071
- F-OVARC1001341//CITBI-E1-2503J7.TR CITBI-E1 Homo sapiens genomic clone 2503J7, genomic survey sequence.//0.99:45:86//AQ263402
- F-OVARC1001342
- 10 F-OVARC1001344//HS-1059-A2-H02-MF.abi CIT Human Genomic Sperm Library C Homo sapiens genomic clone Plate=CT 781 Col=4 Row=O, genomic survey sequence.//1.5e-07:254:67//B44456
- F-OVARC1001357//Homo sapiens Xp22-149 BAC RPC11-466O4 (Roswell Park Cancer Institute Human BAC Library) complete sequence.//0.83:376:61//AC005297
- F-OVARC1001360
- 15 F-OVARC1001369//Homo sapiens clone 162B15, complete sequence.//0.0066:99:76//AC004811
- F-OVARC1001372//Homo sapiens liprin-alpha4 mRNA, partial cds.//2.7e-142:683:98//AF034801
- F-OVARC1001376//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 850H21, WORKING DRAFT SEQUENCE.//1.9e-52:382:73//AL031680
- F-OVARC1001381//Homo sapiens mRNA for candidate tumor suppressor involved in B-CLL.//1.2e-147:683:99//AJ224819
- 20 F-OVARC1001391//S.coelicolor whiB gene.//0.018:454:59//X62287
- F-OVARC1001399//CIT-HSP-2291I8.TR CIT-HSP Homo sapiens genomic clone 2291I8, genomic survey sequence.//1.7e-11:104:87//AQ007611
- F-OVARC1001417//Homo sapiens EXLM1 mRNA, complete cds.//3.9e-149:707:98//AB006651
- 25 F-OVARC1001419//Homo sapiens GOK (STIM1) mRNA, complete cds.//4.9e-48:586:69//U52426
- F-OVARC1001425//Human DNA sequence from clone 1048E9 on chromosome 22q11.2-12.2 Contains pseudo-gene similar to ribosomal protein S3A and part of a gene similar to C.elegans protein CE02118, ESTs, STS, GSS, complete sequence.//0.0019:96:78//Z99714
- F-OVARC1001436//Caenorhabditis elegans mitotic chromosome and X-chromosome associated MIX-1 protein (mix-1) mRNA, complete cds.//0.77:519:59//U96387
- 30 F-OVARC1001442//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 998H6, WORKING DRAFT SEQUENCE.//1.0:167:64//AL031687
- F-OVARC1001453//Human DNA sequence from PAC 453D15 on chromosome 6 contains STS.//4.4e-64:376:79//Z84482
- 35 F-OVARC1001476//Caenorhabditis elegans DNA *** SEQUENCING IN PROGRESS *** from clone Y24F12, WORKING DRAFT SEQUENCE.//0.20:107:71//AL022277
- F-OVARC1001480
- F-OVARC1001489//Plasmodium falciparum 3D7 chromosome 12 PFYACB8-420 genomic sequence, WORKING DRAFT SEQUENCE, 14 unordered pieces.//0.20:281:63//AC005140
- 40 F-OVARC1001496//Homo sapiens C-terminal binding protein 2 mRNA, complete cds.//8.1e-85:479:92//AF016507
- F-OVARC1001506//Homo sapiens Chromosome 16 BAC clone CIT987-SKA-13F4 complete genomic sequence, complete sequence.//1.2e-98:503:83//AC002039
- F-OVARC1001525//Human beta-hexosaminidase alpha chain (HEXA) gene, exon 1.//1.7e-13:87:100//M16411
- F-OVARC1001542//H.sapiens polymorphic repeat associated with glutamate dehydrogenase pseudogene 5.//0.43:190:68//X69219
- 45 F-OVARC1001547//Plasmodium falciparum 3D7 chromosome 12 PFYACB8-420 genomic sequence, WORKING DRAFT SEQUENCE, 14 unordered pieces.//0.017:533:56//AC005140
- F-OVARC1001555//Homo sapiens clone NH0469M07, WORKING DRAFT SEQUENCE, 7 unordered pieces.//7.4e-159:416:99//AC005037
- 50 F-OVARC1001577//Homo sapiens SRp46 splicing factor transcribed retropseudogene.//2.4e-115:540:99//AF031165
- F-OVARC1001600//Homo sapiens chromosome 21q22.3 PAC 39C17, complete sequence.//5.5e-13:529:62//AF043945
- F-OVARC1001610//, complete sequence.//1.4e-12:152:77//AC005409
- 55 F-OVARC1001611
- F-OVARC1001615//Human DNA sequence from clone 873P14 on chromosome 20p12 Contains STS, GSS, complete sequence.//0.022:146:70//AL031682
- F-OVARC1001668//Homo sapiens mRNA for MCM3 import factor, complete cds.//6.5e-109:358:96//AB005543

- F-OVARC1001702//Homo sapiens mRNA for hSOX20 protein, complete cds.//1.8e-47:393:81//AB006867
 F-OVARC1001703//CIT-HSP-2164L6.TF CIT-HSP Homo sapiens genomic clone 2164L6, genomic survey sequence.//0.94:85:69//B92840
 F-OVARC1001711//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 317C6, WORKING DRAFT SEQUENCE.//1.9e-06:489:61//Z97651
 F-OVARC1001713//Rattus norvegicus neuroligin 2 mRNA, complete cds.//1.0:262:59//U41662
 F-OVARC1001726//Human telomere associated repeat sequence, complete sequence.//7.5e-08:283:65//M57752
 F-OVARC1001731//Mus musculus gene for beta-tropomyosin.//2.6e-83:606:81//X12650
 F-OVARC1001745//HS_3007_B2_G09_T7 CIT Approved Human Genomic Sperm Library D Homo sapiens genomic clone Plate=3007 Col=18 Row=N, genomic survey sequence.//0.00020:269:60//AQ164522
 F-OVARC1001762//S.pombe chromosome III cosmid c338.//3.0e-17:624:61//AL023781
 F-OVARC1001766//Homo sapiens eukaryotic translation initiation factor eIF3, p35 subunit mRNA, complete cds.//4.2e-149:706:98//U97670
 F-OVARC1001767//Homo sapiens mRNA for KIAA0675 protein, complete cds.//3.0e-115:580:96//AB014575
 F-OVARC1001768
 F-OVARC1001791//Homo sapiens BAC clone RG118P15 from 8q21, complete sequence.//5.7e-64:477:78//AC005066
 F-OVARC1001795//Homo sapiens chromosome 4 clone B341C20 map 4q25, complete sequence.//6.5e-11:171:76//AC004704
 F-OVARC1001802//CITBI-E1-2502A17.TR CITBI-E1 Homo sapiens genomic clone 2502A17, genomic survey sequence.//0.98:214:61//AQ264481
 F-OVARC1001805//Human DNA sequence from clone 511E16 on chromosome 6p24.3-25.1. Contains the last coding exon of the gene for P18 component of aminoacyl-tRNA synthetase complex, part of an unknown gene downstream of a putative CpG island, and an STS with a CA repeat polymorphism, complete sequence.//9.5e-151:712:99//AL023694
 F-OVARC1001809//Mus musculus sphingosine kinase (SPHK1a) mRNA, partial cds.//2.7e-56:522:75//AF068748
 F-OVARC1001812//Homo sapiens chromosome 17, clone HCIT104N19, complete sequence.//1.7e-63:526:81//AC003662
 F-OVARC1001813//Human DNA sequence from cosmid U144A10, between markers DXS366 and DXS87 on chromosome X contains STS.//0.17:214:65//Z70224
 F-OVARC1001820//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 445N2, WORKING DRAFT SEQUENCE.//3.2e-55:379:82//AL031779
 F-OVARC1001828//Homo sapiens chromosome 5, BAC clone 203o13 (LBNL H155), complete sequence.//2.8e-17:509:62//AC005609
 F-OVARC1001846//Human DNA sequence from cosmid U73E8, between markers DXS366 and DXS87 on chromosome X.//0.35:403:58//Z73361
 F-OVARC1001861//CIT-HSP-2165M3.TR CIT-HSP Homo sapiens genomic clone 2165M3, genomic survey sequence.//2.4e-25:148:96//B94622
 F-OVARC1001873//Homo sapiens clones 24718 and 24825 mRNA sequence.//1.2e-18:122:95//AF070611
 F-OVARC1001879//HS_3026_B1_F09_T7 CIT Approved Human Genomic Sperm Library D Homo sapiens genomic clone Plate=3026 Col=17 Row=L, genomic survey sequence.//4.9e-29:204:87//AQ207748
 F-OVARC1001880//Human interferon regulatory factor 5 (Hmif5) mRNA, complete cds.//3.5e-05:489:60//U51127
 F-OVARC1001883//Homo sapiens clone GS259H13, WORKING DRAFT SEQUENCE, 4 unordered pieces.//1.9e-29:350:74//AC005020
 F-OVARC1001900//Homo sapiens tumorous imaginal discs protein Tid56 homolog (TID1) mRNA, complete cds.//8.6e-56:300:96//AF061749
 F-OVARC1001901//Human DNA sequence from clone 103M22 on chromosome 6p24. Contains STSs and GSSs, complete sequence.//2.3e-10:253:66//AL031904
 F-OVARC1001911//HS_2196_B2_H11_MF CIT Approved Human Genomic Sperm Library D Homo sapiens genomic clone Plate=2196 Col=22 Row=P, genomic survey sequence.//3.4e-09:123:78//AQ294069
 F-OVARC1001916//HS_3054_B1_C11_MF CIT Approved Human Genomic Sperm Library D Homo sapiens genomic clone Plate=3054 Col=21 Row=F, genomic survey sequence.//1.2e-31:126:97//AQ099979
 F-OVARC1001928
 F-OVARC1001942//H.sapiens CpG island DNA genomic Mse1 fragment, clone 21d7, forward read cpg21d7.ft1a.//7.2e-12:83:98//Z60390
 F-OVARC1001943//Aplysia californica potassium channel modulatory factor mRNA, complete cds.//3.5e-50:535:69//AF059179

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F-OVARC1001949//Human KRAB zinc finger protein (ZNF177) mRNA, complete cds//1.7e-16:294:67//U37263
 F-OVARC1001950//Homo sapiens *** SEQUENCING IN PROGRESS *** WORKING DRAFT SEQUENCE//1.5e-20:261:68//AJ011929
 F-OVARC1001987//D.melanogaster G6PD gene, exons 2-4//0.99:447:57//Z19021
 5 F-OVARC1001989//Homo sapiens clone DJ0042M02, WORKING DRAFT SEQUENCE, 20 unordered pieces//2.9e-19:178:83//AC005995
 F-OVARC1002044//Plasmodium falciparum MAL3P7, complete sequence//0.17:232:62//AL034559
 F-OVARC1002050//Homo sapiens mRNA for KIAA0465 protein, partial cds//2.1e-158:739:98//AB007934
 F-OVARC1002066//Homo sapiens genomic DNA, chromosome 21q22.2 (Down Syndrome region), segment 4/15,
 10 WORKING DRAFT SEQUENCE//3.0e-17:781:59//AP000011
 F-OVARC1002082//Homo sapiens clone DJ0965K10, WORKING DRAFT SEQUENCE, 6 unordered pieces//5.4e-136:683:96//AC006015
 F-OVARC1002107//Homo sapiens BAC clone RG276003 from 7q22-q31.1, complete sequence//1.0:220:61//AC004668
 15 F-OVARC1002112//Homo sapiens histone macroH2A1.2 mRNA, complete cds//6.1e-115:557:98//AF041483
 F-OVARC1002127//Homo sapiens chromosome 9, clone hRPK.202_H_3, complete sequence//0.013:461:57//AC006241
 F-OVARC1002138//Caenorhabditis elegans cosmid F32D1//1.0e-29:545:64//AF016427
 F-OVARC1002143//CIT-HSP-2343H20.TR CIT-HSP Homo sapiens genomic clone 2343H20, genomic survey se-
 20 quence//2.3e-11:258:67//AQ055576
 F-OVARC1002156
 F-OVARC1002158//F17O7-T7 IGF Arabidopsis thaliana genomic clone F17O7, genomic survey sequence//1.8e-16:383:66//B11616
 F-OVARC1002165//H.sapiens BDP1 mRNA for protein-tyrosinephosphatase//0.0041:300:64//X79568
 25 F-OVARC1002182//F.rubripes GSS sequence, clone 123I23aA7, genomic survey sequence//1.4e-10:240:66//AL017241
 F-PLACE1000004//CIT-HSP-2294H13.TF CIT-HSP Homo sapiens genomic clone 2294H13, genomic survey se-
 quence//8.2e-10:158:75//AQ003859
 F-PLACE1000005//Mouse alpha-1 antitrypsin gene, segment 1//4.8e-15:89:93//M12585
 30 F-PLACE1000007//Homo sapiens ubiquitin hydrolyzing enzyme i (UBH1) mRNA, partial cds//3.8e-51:550:72//AF022789
 F-PLACE1000014
 F-PLACE1000031//Homo sapiens clone DJ0098O22, WORKING DRAFT SEQUENCE, 5 unordered pieces//0.91:333:61//AC004821
 35 F-PLACE1000040//Homo sapiens DNA sequence from PAC 958B3 on chromosome Xp22.11-Xp22.22. Contains ESTs STS and CpG island//2.6e-20:279:67//Z93023
 F-PLACE1000048//Homo sapiens chromosome 17, clone HCIT462L7, complete sequence//3.6e-63:488:82//AC005177
 F-PLACE1000050//Mus musculus chromosome 14 marker um-m24 GA dinucleotide DNA sequence//2.3e-10:141:75//U31508
 40 F-PLACE1000061//Human ribosomal protein L37a mRNA sequence//1.9e-30:190:94//L22154
 F-PLACE1000066//Homo sapiens PAC clone DJ1106E03 from 7q31.3-7q3, complete sequence//6.0e-63:597:74//AC005521
 F-PLACE1000078//Homo sapiens chromosome 11 clone CIT987SK-1012F4, WORKING DRAFT SEQUENCE, 6
 45 unordered pieces//5.2e-09:143:73//AC005848
 F-PLACE1000081//Human DNA from chromosome 19 specific cosmid R28461, genomic sequence, complete se-
 quence//0.52:390:60//AC002389
 F-PLACE1000094
 F-PLACE1000133//Human DNA sequence from clone 372K1 on chromosome 6q24 Contains EST, STS, GSS and
 50 CpG Island, complete sequence//4.4e-129:731:92//AL023580
 F-PLACE1000142//H.sapiens AUH mRNA//6.4e-09:328:62//X79888
 F-PLACE1000184//Homo sapiens estrogen-related receptor gamma mRNA, complete cds//7.7e-150:737:97//AF058291
 F-PLACE1000185//Sequence 15 from patent US 5691147//5.7e-106:558:94//I76211 F-PLACE1000213
 55 F-PLACE1000214//Plasmodium falciparum 3D7 chromosome 12 PFYAC1383 genomic sequence, WORKING DRAFT SEQUENCE, 3 unordered pieces//1.8e-06:644:57//AC005504
 F-PLACE1000236//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 695O20, WORKING DRAFT SEQUENCE//2.6e-39:191:83//AL032818

- F-PLACE1000246//HS_2008_A2_D04_T7 CIT Approved Human Genomic Sperm Library D Homo sapiens genomic clone Plate=2008 Col=8 Row=G, genomic survey sequence.//0.96:153:61//AQ269813
- F-PLACE1000292//Drosophila melanogaster Oregon-R mitochondrial A+T region.//5.1e-12:571:60//U11584
- 5 F-PLACE1000308//D.teissieri mitochondrial DNA for tRNA-fmet, tRNA-Ile, tRNA-Gln & amp; tRNA-Val.//0.00013:369:59//X54011
- F-PLACE1000332//HS_2016_B2_D08_T7 CIT Approved Human Genomic Sperm Library D Homo sapiens genomic clone Plate=2016 Col=16 Row=H, genomic survey sequence.//7.5e-83:424:96//AQ232106
- F-PLACE1000347//CIT-HSP-2326A16.TV CIT-HSP Homo sapiens genomic clone 2326A16, genomic survey sequence.//0.13:46:100//AQ047350
- 10 F-PLACE1000374//Mus musculus putative CCAAT binding factor 1 (mCBF) mRNA, alternatively spliced transcript mCBF1, complete cds.//0.00048:84:83//U19891
- F-PLACE1000380//F.rubripes GSS sequence, clone 047P21aA10, genomic survey sequence.//0.43:198:62//Z88163
- F-PLACE1000383//Homo sapiens myotubularin related protein 1 (MTMR1) mRNA, partial cds.//8.7e-149:740:96//U58032
- 15 F-PLACE1000401//Pinctada fucata mRNA for insoluble protein, complete cds.//0.22:484:56//D86074
- F-PLACE1000406//Human nuclear matrix protein 55 (nmt55) mRNA, complete cds.//3.3e-19:372:65//U89867
- F-PLACE1000420//Homo sapiens chromosome 17, clone hRPK.227_G_15, complete sequence.//1.6e-85:421:87//AC005899
- 20 F-PLACE1000421//Human GT334 protein (GT334) gene, exons 16 and 17.//0.88:145:68//U61515
- F-PLACE1000424//Homo sapiens PAC clone DJ0905J08 from 7p12-p14, complete sequence.//0.076:196:66//AC005189
- F-PLACE1000435//HS_3217_A2_A12_MR CIT Approved Human Genomic Sperm Library D Homo sapiens genomic clone Plate=3217 Col=24 Row=A, genomic survey sequence.//2.2e-47:438:76//AQ181698
- 25 F-PLACE1000444//Homo sapiens Chromosome 16 BAC clone CIT987SK-A-152E5, complete sequence.//6.9e-61:616:71//AC004382
- F-PLACE1000453//Murine genomic DNA; partially digested Sau3A fragment, cloned into cosmid vector pEMBLcos2, complete sequence.//5.8e-18:314:69//AF059580
- F-PLACE1000481//Homo sapiens Chromosome 22q11.2 Cosmid Clone 94a In DGCR Region, complete sequence.//1.1e-33:349:76//AC002491
- 30 F-PLACE1000492//Rat vacuolar protein sorting homolog r-vps33b mRNA, complete cds.//1.1e-34:256:83//U35245
- F-PLACE1000540//P.falciparum complete gene map of plastid-like DNA (IR-B).//0.099:336:58//X95276
- F-PLACE1000547//Arabidopsis thaliana GDP-mannose pyrophosphorylase (GMP1) mRNA, complete cds.//5.4e-11:279:63//AF076484
- 35 F-PLACE1000562//, complete sequence.//1.7e-97:559:88//AC005409
- F-PLACE1000564
- F-PLACE1000583//Figure 2. Nucleotide and translated protein sequences of HPF1, -2, and -9.//3.3e-46:631:68//M27877
- 40 F-PLACE1000588//Human guanylate binding protein isoform I (GBP-2) mRNA, complete cds.//7.3e-84:503:88//M55542
- F-PLACE1000596//Homo sapiens mRNA for NS1-binding protein (NS1-BP).//3.8e-164:798:97//AJ012449
- F-PLACE1000599//P.falciparum complete gene map of plastid-like DNA (IR-B).//0.018:295:61//X95276
- F-PLACE1000610//HS_2056_A1_D10_T7 CIT Approved Human Genomic Sperm Library D Homo sapiens genomic clone Plate=2056 Col=19 Row=G, genomic survey sequence.//5.3e-24:188:87//AQ235967
- 45 F-PLACE1000611//Rattus norvegicus neural membrane protein 35 mRNA, complete cds.//2.4e-47:687:66//AF044201
- F-PLACE1000636
- F-PLACE1000653//Homo sapiens N-acetylglucosamine-phosphate mutase mRNA, complete cds.//1.5e-152:747:96//AF102265
- 50 F-PLACE1000656//Homo sapiens mRNA for JM4 protein, complete CDS (clone IMAGE 546750 and LLNLc110F1857Q7 (RZPD Berlin)).//2.3e-156:775:97//AJ005896
- F-PLACE1000706//nuclear protein TIF1 [mice, mRNA, 3951 nt].//8.0e-60:675:70//S78219
- F-PLACE1000712
- 55 F-PLACE1800716//HS-1057-A1-A03-MR.abi CIT Human Genomic Sperm Library C Homo sapiens genomic clone Plate=CT 779 Col=5 Row=A, genomic survey sequence.//2.7e-42:266:82//B43026
- F-PLACE1000748//CIT-HSP-2372J8.TR CIT-HSP Homo sapiens genomic clone 2372J8, genomic survey sequence.//0.023:157:68//AQ113109

- F-PLACE1000749//*Plasmodium falciparum* MAL3P7, complete sequence.//0.099:664:57//AL034559
 F-PLACE1000755//H.sapiens DNA 3' flanking simple sequence region clone wg2c3.//0.00068:206:62//X76589
 F-PLACE1000769//RPCI11-3J18.TPB RPCI-11 Homo sapiens genomic clone RPCI-11-3J18, genomic survey sequence.//6.5e-08:93:89//B63806
- 5 F-PLACE1000785//Homo sapiens mRNA for KIAA0648 protein, partial cds.//3.5e-138:663:98//AB014548
 F-PLACE1000786//*Drosophila melanogaster* cosmid 80H7.//1.4e-43:589:68//AL031027
 F-PLACE1000793//H.sapiens CpG island DNA genomic MseI fragment, clone 13d12, reverse read cpg13d12.rt1c.//4.6e-09:71:100//Z64565
 F-PLACE1000798//Human Chromosome 16 BAC clone CIT987SK-A-635H12, complete sequence.//5.0e-14:235:72//AC002310
- 10 F-PLACE1000841//Homo sapiens clone NH0441G08, WORKING DRAFT SEQUENCE, 12 unordered pieces.//0.013:404:60//AC006158
 F-PLACE1000849//H.sapiens CpG island DNA genomic MseI fragment, clone 72a10, reverse read cpg72a10.rt1a.//3.3e-09:82:92//Z62712
- 15 F-PLACE1000856//*Hydra vulgaris* HT4 mRNA for collagen-like protein, partial cds.//1.0:317:59//AB008935
 F-PLACE1000863//H.sapiens CpG island DNA genomic MseI fragment, clone 53d2, forward read cpg53d2.ft1b.//7.3e-37:199:98//Z55621
 F-PLACE1000909//H.sapiens CpG island DNA genomic MseI fragment, clone 173f8, reverse read cpg173f8.rt1a.//1.5e-17:128:92//Z57391
- 20 F-PLACE1000931//Human DNA sequence from PAC 212P9 on chromosome 1p34.1-1p35. Contains delta opiate receptor, CpG island, CA repeat.//8.1e-55:647:72//AL009181.
 F-PLACE1000948
 F-PLACE1000972//RPCI11-61B1.TJ RPCI11 Homo sapiens genomic clone R-61B1, genomic survey sequence.//1.0e-26:148:99//AQ194348
- 25 F-PLACE1000977//Homo sapiens mRNA for KIAA0672 protein, complete cds.//6.1e-08:413:61//AB014572
 F-PLACE1000979//H.sapiens CpG island DNA genomic MseI fragment, clone 76e8, reverse read cpg76e8.rt1a.//2.7e-10:84:94//Z55963
 F-PLACE1000987//Homo sapiens mRNA for KIAA0724 protein, complete cds.//8.0e-140:694:96//AB018267
 F-PLACE1001000//*Herpetomonas muscarum* muscarum kinetoplast 12S rRNA gene.//0.0056:443:58//U01011
- 30 F-PLACE1001007//CIT-HSP-2013L15.TF CIT-HSP Homo sapiens genomic clone 2013L15, genomic survey sequence.//0.99:277:58//B58681
 F-PLACE1001010//Human cosmid g1572c101, complete sequence.//3.6e-55:294:88//AC000357
 F-PLACE1001015//Homo sapiens PAC clone DJ0754J18 from 7p21, complete sequence.//7.2e-33:333:73//AC004741
- 35 F-PLACE1001024
 F-PLACE1001036//CIT-HSP-2373I10.TF CIT-HSP Homo sapiens genomic clone 2373I10, genomic survey sequence.//1.1e-80:393:98//AQ108662
 F-PLACE1001054//*Arabidopsis thaliana* genomic DNA, chromosome 5, TAC clone: K919, complete sequence.//8.8e-40:483:66//AB013390
- 40 F-PLACE1001062//*Mus musculus* mRNA encoding lysine-ketoglutarate reductase/saccharopine dehydrogenase.//1.2e-23:224:80//AJ224761
 F-PLACE1001076//HS_2195_B1_D05_MF CIT Approved Human Genomic Sperm Library D Homo sapiens genomic clone Plate=2195 Col=9 Row=H, genomic survey sequence.//0.0014:168:66//AQ066659
 F-PLACE1001088
- 45 F-PLACE1001092//Homo sapiens sorting nexin 4 mRNA, complete cds.//3.1e-95:489:96//AF065485
 F-PLACE1001104//Caprine arthritis-encephalitis virus envelope glycoprotein (env) gene, partial cds.//0.0073:253:62//U81400
 F-PLACE1001118//Homo sapiens KRAB domain zinc finger protein (ZFP37) mRNA, complete cds.//2.5e-64:676:71//AF022158
- 50 F-PLACE1001136//Human amphiregulin (AR) gene, exon 5, clones lambda-ARH(6,12).//3.8e-26:174:93//M30702
 F-PLACE1001168
 F-PLACE1001171//Homo sapiens subtelomeric cosmid 11b-1, complete sequence.//7.6e-23:245:68//AC005603
 F-PLACE1001185//Human DNA sequence from clone 889N15 on chromosome Xq22.1-22.3. Contains part of the gene for a novel protein similar to X. laevis Cortical Thymocyte Marker-CTX, the possibly alternatively spliced gene for 26S Proteasome subunit p28 (Ankyrin repeat protein), a novel gene and exons 36 through 45 of the COL4A6 for Collagen Alpha 6(IV). Contains ESTs, STSS, GSSs and a putative CpG island, complete sequence.//0.010:102:70//AL031177
- 55 F-PLACE1001238//Mouse mRNA for RNA polymerase I associated factor (PAF53), complete cds.//9.3e-82:684:

- 77//D14336
 F-PLACE1001241
 F-PLACE1001257//Caenorhabditis elegans cosmid R12E2.//1.1e-16:480:60//AF067219
 F-PLACE1001272//H.sapiens subunit of coatomer complex.//0.31:50:96//X70476
 5 F-PLACE1001279//Plasmodium falciparum 3D7 chromosome 12 PFYACB8-628 genomic sequence, WORKING DRAFT SEQUENCE, 9 unordered pieces.//0.054:352:60//AC005507
 F-PLACE1001280//Bovine herpesvirus type 1 early-intermediate transcription control protein (BICP4) gene, complete cds.//1.0e-10:620:61//L14320
 F-PLACE1001294//M.musculus GEG-154 mRNA.//5.0e-107:826:80//X71642
 10 F-PLACE1001304//Mouse Zfp-35 mRNA for zinc finger protein ZFP-35.//1.2e-67:510:77//X17617
 F-PLACE1001311//Homo sapiens clone DJ0826E18, WORKING DRAFT SEQUENCE, 4 unordered pieces.//1.6e-47:491:73//AC005282
 F-PLACE1001323//HS-1007-A2-B10-MF.abi CIT Human Genomic Sperm Library C Homo sapiens genomic clone Plate=CT 328 Col=20 Row=C, genomic survey sequence.//9.6e-26:142:100//B31181
 15 F-PLACE1001351
 F-PLACE1001366//Homo sapiens mRNA for KIAA0799 protein; partial cds.//8.6e-25:155:95//AB018342
 F-PLACE1001377//H.sapiens MADM gene (exon 1).//1.6e-43:393:79//Z48614
 F-PLACE1001383//Human DNA sequence from clone 246H3 on chromosome 22q11.21-12.2 Contains LRP5 (Lipoprotein Receptor Related Protein) pseudogene, EST, CA repeats (D22S414, D22S925, D22S926), STS, GSS and CpG island, complete sequence.//1.5e-119:705:91//AL022324
 20 F-PLACE1001384//Homo sapiens mRNA for multi PDZ domain protein.//5.7e-08:117:84//AJ001319
 F-PLACE1001387//Sequence 3 from patent US 5610018.//1.7e-06:395:58//I57340
 F-PLACE1001395//Plasmodium falciparum circular DNA rpoB and rpoC genes for beta and beta-prime subunits of RNA polymerase (EC 2.7.7.6).//7.2e-11:620:60//X52177
 25 F-PLACE1001399//Homo sapiens chromosome 17, clone hRPK.22_N_12, WORKING DRAFT SEQUENCE, 2 ordered pieces.//3.0e-145:700:98//AC005412
 F-PLACE1001412//Homo sapiens clone 643 unknown mRNA, complete sequence.//2.0e-69:365:96//AF091087
 F-PLACE1001414//Homo sapiens chromosome 9, clone hRPK.202_H_3, complete sequence.//8.2e-121:608:97//AC006241
 30 F-PLACE1001440//Human Chromosome 11 pac pDJ393c15, WORKING DRAFT SEQUENCE, 8 unordered pieces.//1.3e-06:437:61//AC000384
 F-PLACE1001456//Homo sapiens Xp22 GS-52411 (Genome Systems Human BAC library), complete sequence.//0.98:348:60//AC003106
 F-PLACE1001468//Homo sapiens DNA sequence from PAC 435A7 on chromosome Xq22.1-q22.3. Contains STS.//4.4e-05:358:62//AL022148
 35 F-PLACE1001484//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 387E22, WORKING DRAFT SEQUENCE.//5.7e-31:195:93//AL031660
 F-PLACE1001502//Human fibroblast growth factor receptor 3 (FGFR3) gene, exon L.//0.00015:333:59//L78720
 F-PLACE1001503//Drosophila melanogaster DNA sequence (P1 DS05273 (D80)), complete sequence.//0.00016:161:66//AC004373
 40 F-PLACE1001517//Human DNA sequence from PAC 696H22 on chromosome Xq21.1-21.2. Contains a mouse E25 like gene, a Kinesin like pseudogene and ESTs.//3.7e-22:260:76//AL021786
 F-PLACE1001534//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 620E11, WORKING DRAFT SEQUENCE.//1.1e-143:713:97//AL031667
 45 F-PLACE1001545//Homo sapiens chromosome 3, clone hRPK.165_L_16, complete sequence.//2.7e-139:482:96//AC005669
 F-PLACE1001551//Homo sapiens chromosome 19, CIT-HSP-444n24, complete sequence.//6.9e-116:681:89//AC005261
 F-PLACE1001570//HS_3105_A1_F06_MR CIT Approved Human Genomic Sperm Library D Homo sapiens genomic clone Plate=3105 Col=11 Row=K, genomic survey sequence.//1.2e-10:137:79//AQ139817
 50 F-PLACE1001602//Homo sapiens genomic DNA of 8p21.3-p22 anti-oncogene of hepatocellular colorectal and non-small cell lung cancer, segment 3/11.//1.8e-102:217:99//AB020860
 F-PLACE1001603//Homo sapiens nitrilase homolog 1 (NIT1) gene, alternatively spliced product, complete cds.//3.7e-104:501:98//AF069984
 55 F-PLACE1001608//HS_2189_A1_G07_MR CIT Approved Human Genomic Sperm Library D Homo sapiens genomic clone Plate=2189 Col=13 Row=M, genomic survey sequence.//2.9e-60:429:84//AQ221959
 F-PLACE1001610//Homo sapiens clone NH0469M07, WORKING DRAFT SEQUENCE, 7 unordered pieces.//4.4e-114:552:98//AC005037

- F-PLACE1001611//Human DNA sequence from clone 1039K5 on chromosome 22q12.3-13.2 Contains gene similar to PICK1 perinuclear binding protein, gene similar to monocarboxylate transporter (MCT3), ESTs, STS, GSS and a CpG island, complete sequence.//0.93:131:71//AL031587
- 5 F-PLACE1001632//Homo sapiens mRNA for KIAA0798 protein, complete cds.//1.1e-74:702:75//AB018341
- F-PLACE1001634//Human p190-B (p190-B) mRNA, complete cds.//1.2e-18:114:100//U17032
- F-PLACE1001640//Homo sapiens chromosome 17, clone hRPK.651_L_9, complete sequence.//7.7e-159:788:97//AC005971
- 10 F-PLACE1001672//Human DNA sequence from clone 71L16 on chromosome Xp11. Contains a probable Zinc Finger protein (pseudo)gene, an unknown putative gene, a pseudogene with high similarity to part of antigen KI-67, a putative Chondroitin 6-Sulfotransferase LIKE gene and a KIAA0267 LIKE putative Na(+)/H(+) exchanger protein gene. Contains a predicted CpG island, ESTs, STSs and GSSs and genomic markers DXS1003 and DXS1055, complete sequence.//7.8e-36:365:73//AL022165
- F-PLACE1001691//Homo sapiens chromosome 17, clone hRPK.294_J_22, complete sequence.//9.1e-149:760:96//AC005921
- 15 F-PLACE1001692//Rat medium-chain S-acyl fatty acid synthetase thio ester hydrolase (MCH), complete cds.//2.9e-57:643:71//M16200
- F-PLACE1001705//Homo sapiens chromosome 17, clone hRPK.958_E_11, WORKING DRAFT SEQUENCE, 2 ordered pieces.//3.9e-18:284:71//AC005883
- F-PLACE1001716//Human mRNA for KIAA0191 gene, partial cds.//6.6e-68:369:73//D83776
- 20 F-PLACE1001720//Homo sapiens Chromosome 22q11.2 Cosmid Clone 31f3 In IGLC Region, complete sequence.//1.0:274:59//AC000051
- F-PLACE1001729//Streptomyces coelicolor cosmid 1C2.//0.22:433:57//AL031124
- F-PLACE1001739//Caenorhabditis elegans cosmid C18H7.//0.049:341:61//AF067607
- F-PLACE1001740//Homo sapiens chromosome 5, P1 clone 1108H7 (LBNL H81), complete sequence.//4.8e-26:372:68//AC005221
- 25 F-PLACE1001745
- F-PLACE1001746//Plasmodium falciparum DNA *** SEQUENCING IN PROGRESS *** from MAL1P1, WORKING DRAFT SEQUENCE.//0.018:472:57//AL031744
- F-PLACE1001748//Homo sapiens metalloprotease 1 (MP1) mRNA, complete cds.//8.8e-159:773:97//AF061243
- 30 F-PLACE1001756//Homo sapiens chromosome 12p13.3 clone.RPCI11-303E5, WORKING DRAFT SEQUENCE, 65 unordered pieces.//1.9e-54:274:81//AC005842
- F-PLACE1001761//HS_3027_A1_D02_MR CIT Approved Human Genomic Sperm Library D Homo sapiens genomic clone Plate=3027 Col=3 Row=G, genomic survey sequence.//0.095:49:93//AQ130972
- F-PLACE1001771//Homo sapiens transient receptor potential protein 6 mRNA, complete cds.//1.0e-146:709:97//AF080394
- 35 F-PLACE1001781 1.3e-08:238:65//AC005637
- F-PLACE1001799//HS_3075_B1_H03_MR CIT Approved Human Genomic Sperm Library D Homo sapiens genomic clone Plate=3075 Col=5 Row=P, genomic survey sequence.//1.7e-09:166:69//AQ138474
- F-PLACE1001810//Arabidopsis thaliana genomic DNA, chromosome 3, P1 clone: MRC8, complete sequence.//0.00035:196:66//AB020749
- 40 F-PLACE1001817//Homo sapiens ATP-specific succinyl-CoA synthetase beta subunit (SCS) mRNA, partial cds.//1.1e-108:546:96//AF058953
- F-PLACE1001821//RPCI11-35D17.TK RPCI-11 Homo sapiens genomic clone RPCI-11-35D17, genomic survey sequence.//2.1e-55:300:97//AQ045286
- 45 F-PLACE1001844//Homo sapiens chromosome 17, clone. HCIT462L7, complete sequence.//2.8e-67:443:86//AC005177
- F-PLACE1001845//Arabidopsis thaliana chromosome I BAC.T25B24 genomic sequence, complete sequence.//0.34:219:64//AC005850
- F-PLACE1001869//Klebsiella pneumoniae ribitol kinase (rbtK) and ribitol transporter (rbtT) genes, complete cds.//7.1e-11:505:57//AF045244
- 50 F-PLACE1001897//RPCI11-46D15.TJ RPCI11 Homo sapiens genomic clone R-46D15, genomic survey sequence.//9.3e-08:383:63//AQ194408
- F-PLACE1001912
- F-PLACE1001920//Homo sapiens MDC-3.13 isoform 2 mRNA, complete cds.//7.3e-156:753:98//AF099935
- 55 F-PLACE1001928//HS_2220_B2_G04_MR CIT Approved Human Genomic Sperm Library D Homo sapiens genomic clone Plate=2220 Col=8 Row=N, genomic survey sequence.//2.8e-43:233:97//AQ152361
- F-PLACE1001983//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 745C22, WORKING DRAFT SEQUENCE.//1.6e-07:396:62//AL031596

- F-PLACE1001989//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 968D22, WORKING DRAFT SEQUENCE.//1.0e-109:602:93//AL023755
- F-PLACE1002004//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 317E23, WORKING DRAFT SEQUENCE.//1.0e-69:475:87//AL020996
- 5 F-PLACE1002046//Mus musculus ligatin (Lgtn) mRNA, partial cds.//7.2e-97:623:85//U58337
- F-PLACE1002052//HS_2178_B2_D05_MR CIT Approved Human Genomic Sperm Library D Homo sapiens genomic clone Plate=2178 Col=10 Row=H, genomic survey sequence.//4.8e-22:140:95//AQ307908
- F-PLACE1002066//Apis mellifera NADH dehydrogenase subunit 2 (ND2) gene, mitochondrial gene encoding mitochondrial protein, partial cds.//0.0063:371:60//U72284
- 10 F-PLACE1002072//Homo sapiens tight junction protein ZO (ZO-2) gene, alternative splice products, promoter and exon A.//0.97:248:60//AF043195
- F-PLACE1002073//Homo sapiens mRNA for KIAA0606 protein, partial cds.//1.3e-37:635:64//AB011178
- F-PLACE1002090//Homo sapiens full-length insert cDNA clone ZA85C09.//7.0e-122:583:98//AF086131
- F-PLACE1002115//nxbx0038A20r CUGI Rice BAC Library Oryza sativa genomic clone nxbx0038A20r, genomic survey sequence.//0.039:210:69//AQ291086
- 15 F-PLACE1002119//Mus musculus IER5 (Ier5) mRNA, complete cds.//7.1e-61:540:77//AF079527
- F-PLACE1002140//Homo sapiens DNA sequence from PAC 454M7 on chromosome Xq25-26.3. Contains the OCRL1 gene for Lowe Oculocerebrorenal Syndrome protein OCRL-1. Contains ESTs, STSs and GSSs, complete sequence.//2.1e-125:491:98//AL022162
- 20 F-PLACE1002150//Plasmodium falciparum MAL3P5, complete sequence.//0.12:408:61//AL034556
- F-PLACE1002157//Homo sapiens BAC clone NH0335J18 from 2, complete sequence.//1.1e-44:515:71//AC005539
- F-PLACE1002163//Homo sapiens T-cell receptor alpha delta locus from bases 1000498 to 1071650 (section 5 of 5) of the Complete Nucleotide Sequence.//0.98:210:65//AE000662
- 25 F-PLACE1002170//Homo sapiens Xp22 bins 16-17 BAC GSHB:531117 (Genome Systems Human BAC Library) complete sequence.//1.2e-06:283:60//AC004805
- F-PLACE1002171//Mus musculus interferon alpha/beta receptor (IFNAR) gene, exon 11 and partial cds.//1.0e-24:313:71//U06244
- F-PLACE1002205//Drosophila melanogaster; Chromosome 3L, Region 79F1-80A2; BAC clone BACR48E05, WORKING DRAFT SEQUENCE, 4 unordered pieces.//1.6e-05:428:60//AC005720
- 30 F-PLACE1002213//HS_3238_B1_G03_MR CIT Approved Human Genomic Sperm Library D Homo sapiens genomic clone Plate=3238 Col=5 Row=N, genomic survey sequence.//2.2e-74:371:98//AQ206965
- F-PLACE1002227//HS-1056-B1-C01-MF.abi CIT Human Genomic Sperm Library C Homo sapiens genomic clone Plate=CT 778 Col=1 Row=F, genomic survey sequence.//2.1e-07:174:71//B42800
- 35 F-PLACE1002256//Plasmodium falciparum DNA *** SEQUENCING IN PROGRESS *** from contig 3-72, complete sequence.//0.022:458:59//AL010142
- F-PLACE1002259//Human DNA sequence from clone 246H3 on chromosome 22q11.21-12.2 Contains LRP5 (Lipoprotein Receptor Related Protein) pseudogene, EST, CA repeats (D22S414, D22S925, D22S926), STS, GSS and CpG island, complete sequence.//3.5e-91:637:84//AL022324
- 40 F-PLACE1002319
- F-PLACE1002342//Caenorhabditis elegans cosmid M03A1.//0.47:403:58//U49956
- F-PLACE1002395//Homo sapiens chromosome 19, cosmid R28991, complete sequence.//1.9e-127:487:93//AC004623
- F-PLACE1002399//Homo sapiens chromosome 17, clone hRPK.235.1.10, complete sequence.//5.6e-05:474:59//AC005922
- 45 F-PLACE1002433//Drosophila melanogaster fidipidine gene, exons 1-7.//1.7e-11:613:58//AJ011928
- F-PLACE1002437//M.musculus abc1 mRNA.//5.5e-62:452:85//X75926
- F-PLACE1002438//Dictyostelium discoideum developmental protein, DG1098 (DG1098) gene, partial cds.//0.013:372:59//AF081801
- 50 F-PLACE1002450//HS_3233_A1_G01_MR CIT Approved Human Genomic Sperm Library D Homo sapiens genomic clone Plate=3233 Col=1 Row=M, genomic survey sequence.//3.1e-07:449:59//AQ204769
- F-PLACE1002465
- F-PLACE1002474//Mus musculus matrilin-2 precursor mRNA, complete cds.//1.5e-110:720:85//U69262
- F-PLACE1002477//Homo sapiens Xp22-171-173 BAC GSHB-31214 (Genome Systems Human BAC Library) complete sequence.//3.9e-05:195:71//AC005926
- 55 F-PLACE1002493//Homo sapiens 3p22-8 PAC RPC14-736H12 (Roswell Park Cancer Institute Human PAC Library) complete sequence.//0.020:301:60//AC006060
- F-PLACE1002499

F-PLACE1002500//Rattus norvegicus zinc transporter (ZnT-2) mRNA, complete cds.//2.1e-58:465:80//U50927
 F-PLACE1002514//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 292E10, WORKING
 DRAFT SEQUENCE.//3.7e-08:139:76//Z93930
 F-PLACE1002529//Homo sapiens mRNA for KIAA0713 protein, partial cds.//9.0e-143:583:95//AB018256
 5 F-PLACE1002532//Homo sapiens BAC clone RG300E22 from 7q21-q31.1, complete sequence.//0.00019:193:
 65//AC004774
 F-PLACE1002537//Human DNA sequence from clone 127F18 on chromosome Xp11.4-21.3. Contains part of a
 novel gene with some similarity to parts of chicken Myosin Light Chain and various species' Interleukin-1 Receptor
 Type 1 (IL1-R-1). Contains GSSs, complete sequence.//4.7e-25:198:84//AL031575
 10 F-PLACE1002571//Drosophila melanogaster actin-related protein mRNA, complete cds.//2.0e-13:400:60//L25314
 F-PLACE1002578//Homo sapiens Xq28 BACs 360 F12, GSHB-555C13, complete sequence.//3.5e-11:167:72//
 AC002523
 F-PLACE1002583//Mus musculus glutamate receptor subunit (GluR6) gene, partial cds.//4.2e-09:370:61//J31443
 F-PLACE1002591//H.sapiens mRNA for coronin.//7.2e-26:279:74//X89109
 15 F-PLACE1002598//Homo sapiens clone GS308H05, WORKING DRAFT SEQUENCE, 6 unordered pieces.//
 0.0013:375:64//AC005537
 F-PLACE1002604//Hansenula wingei mitochondrial DNA, complete sequence.//4.7e-05:556:59//D31785
 F-PLACE1002625
 F-PLACE1002655//Homo sapiens PAC clone DJ0722F20 from 7q31.1-q31.3, complete sequence.//1.6e-128:229:
 20 92//AC005281
 F-PLACE1002665//Mus musculus enhancer of polycomb (Epc1) mRNA, complete cds.//3.6e-107:706:84//
 AF079765
 F-PLACE1002685//Homo sapiens B cell linker protein BLNK mRNA, alternatively spliced, complete cds.//3.4e-
 186:804:97//AF068180
 25 F-PLACE1002714//Mus musculus cathepsin S (CatS) gene, promoter region and exons 1 and 2.//2.3e-16:474:
 64//AF051726
 F-PLACE1002722//Sequence 1 from patent US 5686597.//1.7e-107:552:95//I73723
 F-PLACE1002768//Human DNA sequence from clone 726F20 on chromosome 1p36.11-36.23. Contains ESTs
 and a GSS, complete sequence.//0.0076:161:70//AL031273
 30 F-PLACE1002772//HS_3058_A1_D02_MR CIT Approved Human Genomic Sperm Library D Homo sapiens ge-
 nomic clone Plate=3058 Col=3 Row=G, genomic survey sequence.//0.0046:192:64//AQ134567
 F-PLACE1002775//Mus musculus bromodomain-containing protein BP75 mRNA, complete cds.//7.6e-14:459:62//
 AF084259
 F-PLACE1002782//Rattus norvegicus zinc transporter (ZnT-2) mRNA, complete cds.//3.6e-43:385:77//U50927
 35 F-PLACE1002794//CIT-HSP-2368A17.TR CIT-HSP Homo sapiens genomic clone 2368A17, genomic survey se-
 quence.//1.3e-71:368:96//AQ075879
 F-PLACE1002811//Human mRNA for KIAA0172 gene, partial cds.//1.8e-44:567:70//D79994
 F-PLACE1002815//Sequence 25 from patent US 5747660.//2.6e-07:150:73//AR005295
 F-PLACE1002816//Homo sapiens antigen NY-CO-9 (NY-CO-9) mRNA, partial cds.//1.3e-68:687:73//AF039691
 40 F-PLACE1002834//Figure 2. Nucleotide and translated protein sequences of HPF1, -2, and 9.//9.3e-41:240:93//
 M27877
 F-PLACE1002839//Human BAC clone RG205G13 from 7q31, complete sequence.//0.00087:213:63//AC003045
 F-PLACE1002851//Plasmodium falciparum 3D7 chromosome 12 PFYA0B8-420 genomic sequence, WORKING
 DRAFT SEQUENCE, 14 unordered pieces.//0.0032:269:66//AC005140
 45 F-PLACE1002853//Leishmania tarentolae kinetoplast pre-edited mitochondrial maxicircle DNA complete tran-
 scribed region and flanks.//0.032:275:62//M10126
 F-PLACE1002881//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 111B22, WORKING
 DRAFT SEQUENCE.//4.7e-38:355:76//Z98200
 F-PLACE1002908//Gallus gallus beta-1,4-galactosyltransferase (CKII) mRNA, complete cds.//0.00012:200:64//
 50 U19889
 F-PLACE1002941//Human BAC clone RG161K23 from 7q21, complete sequence.//1.1e-14:241:70//AC000120
 F-PLACE1002962
 F-PLACE1002968//Plasmodium falciparum MAL3P2, complete sequence.//0.21:410:59//AL034558
 F-PLACE1002991//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 968D22, WORKING
 55 DRAFT SEQUENCE.//6.8e-121:605:93//AL023755
 F-PLACE1002993//CIT-HSP-2338I16.TF CIT-HSP Homo sapiens genomic clone 2338I16, genomic survey se-
 quence.//1.9e-13:100:95//AQ054760
 F-PLACE1002996//Mouse U6 RNA gene.//2.0e-13:113:90//X06980

F-PLACE1003025//Plasmodium falciparum MAL3P6, complete sequence.//0.84:374:58//Z98551
 F-PLACE1003027//Homo sapiens mRNA for KIAA0516 protein, partial cds.//6.1e-130:632:97//AB011088
 F-PLACE1003044//cDNA encoding novel rat protein TIP120 which is formed of complex with TBP (TATA binding protein).//1.6e-123:687:91//E12829
 5 F-PLACE1003045//H.sapiens CpG island DNA genomic MseI fragment, clone 47g6, forward read cpg47g6.ft1a.//0.0064:52:96//Z61200
 F-PLACE1003092//CIT-HSP-387P22.TRB CIT-HSP Homo sapiens genomic clone 387P22, genomic survey sequence.//0.0031:249:63//B60158
 10 F-PLACE1003100//Human Hep27 protein mRNA, complete, cds.//8.9e-65:650:73//U31875
 F-PLACE1003108
 F-PLACE1003136//Homo sapiens chromosome 5, P1 clone 1130f1 (LBNL H40), complete sequence.//6.3e-46:606:68//AC004219
 F-PLACE1003145
 F-PLACE1003153//RPCI11-13P16.TP RPCI-11 Homo sapiens genomic clone RPCI-11-13P16, genomic survey sequence.//2.7e-63:478:82//B76206
 15 F-PLACE1003174//Human DNA sequence from clone 441J1 on chromosome 6p24 Contains STS, GSS, complete sequence.//0.61:147:65//Z99495
 F-PLACE1003176//HS_2255_A2_B01_MF CIT Approved Human Genomic Sperm Library D Homo sapiens genomic clone Plate=2255 Col=2 Row=C, genomic survey sequence.//6.3e-09:137:76//AQ131934
 20 F-PLACE1003190//Homo sapiens clone RG332P12, WORKING DRAFT SEQUENCE, 1 unordered pieces.//2.4e-138:791:901//AC005095
 F-PLACE1003200//P.falciparum complete gene map of plastid-like DNA (IR-B).//8.7e-06:728:57//X95276
 F-PLACE1003205//Human BAC clone RG354L07 from 7q31, complete sequence.//7.5e-05:249:63//AC002466
 F-PLACE1003238//HS_3239_A2_G02_MR CIT Approved Human Genomic Sperm Library D Homo sapiens genomic clone Plate=3239 Col=4 Row=M, genomic survey sequence.//0.36:64:87//AQ209954
 25 F-PLACE1003249
 F-PLACE1003256
 F-PLACE1003258//HS_3223_A1_G10_T7 CIT Approved Human Genomic Sperm Library D Homo sapiens genomic clone Plate=3223 Col=19 Row=M, genomic survey sequence.//1.4e-07:227:65//AQ190317
 30 F-PLACE1003296//CIT-HSP-2337F11.TF CIT-HSP Homo sapiens genomic clone 2337F11, genomic survey sequence.//1.1e-13:97:95//AQ057429
 F-PLACE1003302//Figure 2. Nucleotide and translated protein sequences of HPF1, -2, and 9.//2.3e-92:485:95//M27877
 F-PLACE1003334
 35 F-PLACE1003342
 F-PLACE1003343//Homo sapiens clone DJ1022I14, WORKING DRAFT SEQUENCE, 14 unordered pieces.//1.0e-20:179:84//AC004951
 F-PLACE1003353//Homo sapiens breast cancer antiestrogen resistance 3 protein (BCAR3) mRNA, complete cds.//8.0e-143:773:92//U92715
 40 F-PLACE1003361//Human Cosmid g1248a143 from 7q31.3, complete sequence.//1.9e-30:402:70//AC004095
 F-PLACE1003366
 F-PLACE1003369//Plasmodium falciparum MAL3P2, complete sequence.//7.6e-07:378:60//AL034558
 F-PLACE1003373//Homo sapiens PAC clone DJ0740L10 from 7p13-p14, complete sequence.//6.0e-18:471:61//AC005247
 45 F-PLACE1003375
 F-PLACE1003383//Homo sapiens genomic DNA of 9q32 anti-oncogene of flat epithelium cancer, segment 10/10.//2.3e-157:779:96//AB020878
 F-PLACE1003394//Sprague-Dawley (clone LRB13) RAB14 mRNA, complete cds.//1.2e-104:596:91//M83680
 F-PLACE1003401//RPCI11-71J5.TJ RPCI11 Homo sapiens genomic clone R-71J5, genomic survey sequence.//0.85:140:65//AQ268588
 50 F-PLACE1003420//Caenorhabditis elegans DNA *** SEQUENCING IN PROGRESS *** from clone Y1E3, WORKING DRAFT SEQUENCE.//0.0015:286:60//AL021388
 F-PLACE1003454//Plasmodium falciparum microsatellite pe63 sequence.//0.0084:219:61//AF015470
 F-PLACE1003478//Homo sapiens calcium-dependent chloride channel-1 (hCLCA1) gene, complete cds.//1.3e-11:746:60//AF039401
 55 F-PLACE1003493
 F-PLACE1003516//Homo sapiens chromosome 17, clone HRPC987K16, complete sequence.//8.2e-41:379:78//AC002994

- F-PLACE1003519//Homo sapiens chromosome 21q22.3 PAC 141B3, complete sequence, containing ribosomal protein homologue pseudogene L23a.//6.2e-21:247:76//AF064859
- F-PLACE1003521//Human DNA sequence from PAC 257A7 on chromosome 6p24. Contains two unknown genes and ESTs, STSs and a GSS.//4.4e-68:502:79//AL008729
- 5 F-PLACE1003528//Homo sapiens DNA sequence from clone 78F24 on chromosome 22q12.1-12.3. Contains one exon of an Oxysterol-binding protein (OSBP) LIKE gene. Contains GSSs and an STS, complete sequence.//1.0:323:58//AL022336
- F-PLACE1003537//Homo sapiens multispinning membrane protein mRNA, complete cds.//0.0054:322:59//U94831
- 10 F-PLACE1003553//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 97P20, WORKING DRAFT SEQUENCE.//2.9e-78:267:88//AL031297
- F-PLACE1003566//Plasmodium falciparum MAL3P3, complete sequence.//0.00026:514:58//Z98547
- F-PLACE1003575//Plasmodium falciparum 3D7 chromosome 12 PFYAC69 genomic sequence, WORKING DRAFT SEQUENCE, 4 unordered pieces.//0.079:755:54//AC004688
- 15 F-PLACE1003583//Human DNA sequence from clone 246H3 on chromosome 22q11.21-12.2 Contains LRP5 (Lipoprotein Receptor Related Protein) pseudogene, EST, CA repeats (D22S414, D22S925, D22S926), STS, GSS and CpG island, complete sequence.//1.1e-41:212:74//AL022324
- F-PLACE1003584//Plasmodium falciparum DNA *** SEQUENCING IN PROGRESS *** from contig 4-56, complete sequence.//0.0038:465:57//AL010230
- 20 F-PLACE1003592//Homo sapiens chromosome 17, clone 296K1, WORKING DRAFT SEQUENCE, 10 unordered pieces.//0.72:111:71//AC002557
- F-PLACE1003593//Human PAC clone DJ318C15 from Xq23, complete sequence.//0.096:162:66//AC002476
- F-PLACE1003596//Mus musculus integral membrane protein 1 (Itm1) mRNA, complete cds.//1.4e-54:685:68//L34260
- 25 F-PLACE1003602//Homo sapiens mRNA expressed in placenta.//1.1e-138:679:97//D83200
- F-PLACE1003605//Homo sapiens chromosome 16, cosmid clone RT81 (LANL), complete sequence.//0.0074:265:63//AC005356
- F-PLACE1003611//HS_2198_B1_D02_MF CIT Approved Human Genomic Sperm Library D Homo sapiens genomic clone Plate=2198 Col=3 Row=H, genomic survey sequence.//2.1e-23:137:97//AQ184475
- 30 F-PLACE1003618//Homo sapiens chromosome 4 clone C0011C13 map 4p16, complete sequence.//3.0e-122:725:89//AC006226
- F-PLACE1003625//HS_2238_B2_D11_MF CIT Approved Human Genomic Sperm Library D Homo sapiens genomic clone Plate=2238 Col=22 Row=H, genomic survey sequence.//4.8e-12:92:94//AQ065662
- F-PLACE1003638//Arabidopsis thaliana genomic DNA, chromosome 5, P1 clone: MKD10, complete sequence.//0.043:264:63//AB011478
- 35 F-PLACE1003669
- F-PLACE1003704//RPCI11-23H21.TKBF RPCI-11 Homo sapiens genomic clone RPCI-11-23H21, genomic survey sequence.//7.1e-31:199:91//AQ013830
- F-PLACE1003709//Homo sapiens mitotic checkpoint kinase Bub1 (BUB1) mRNA, complete cds.//4.3e-132:669:95//AF053305
- 40 F-PLACE1003711//Homo sapiens DNA sequence from PAC 163M9 on chromosome 1p35.1-p36.21. Contains protein synthesis factor (eIF-4C), D1F15S1A pseudogene, ESTs, STS, GSS, complete sequence.//1.5e-31:166:99//AL021920
- F-PLACE1003723//HS_2231_A2_C07_MR CIT Approved Human Genomic Sperm Library D Homo sapiens genomic clone Plate=2231 Col=14 Row=E, genomic survey sequence.//1.2e-12:114:90//AQ235672
- 45 F-PLACE1003738//Human zinc finger protein 42 (MZF-1) mRNA, complete cds.//5.9e-33:592:67//M58297
- F-PLACE1003760//Homo sapiens tetraspan TM4SF (TSPAN-3) mRNA, complete cds.//3.6e-11:92:93//AF054840
- F-PLACE1003762
- F-PLACE1003768//Homo sapiens genomic DNA, chromosome 21q22.2 (Down Syndrome region), segment 7/15, WORKING DRAFT SEQUENCE.//4.8e-77:737:76//AP000014
- 50 F-PLACE1003771//Homo sapiens BAC clone GS164B05 from 7p21-p22, complete sequence.//2.1e-164:793:98//AC004160
- F-PLACE1003783//HS_2190_A2_C02_T7 CIT Approved Human Genomic Sperm Library D Homo sapiens genomic clone Plate=2190 Col=4 Row=E, genomic survey sequence.//1.1e-26:147:100//AQ218757
- 55 F-PLACE1003784//Homo sapiens Xp22-150 BAC GSHB-309P15 (Genome Systems Human BAC Library) complete sequence.//4.5e-57:706:68//AC006210
- F-PLACE1003795//Homo sapiens Xq28 genomic DNA in the region of the L1CAM locus containing the genes for neural cell adhesion molecule L1 (L1CAM), arginine-vasopressin receptor (AVPR2), C1 p115 (C1), ARD1 N-acetyl-

transferase related protein (TE2), renin-binding protein (RbP), host cell factor 1 (HCF1), and interleukin-1 receptor-associated kinase (IRAK) genes, complete cds, and Xq281u2 gene.//0.015:296:60//U52112

F-PLACE1003833//Homo sapiens DNA sequence from cosmid N75B3 on chromosome 22 Contains EST, exon trap, complete sequence.//0.52:212:64//AL022339

F-PLACE1003850//P.falciparum histidine-rich protein genes.//0.39:330:60//M17028

F-PLACE1003858//Human DNA sequence from PAC 332Q11 on chromosome 1q24-1q25. Contains ESTs and STSs.//4.8e-07:461:59//Z98043

F-PLACE1003864//Plasmodium falciparum 3D7 chromosome 12 PFYAC336 genomic sequence, WORKING DRAFT SEQUENCE, 5 unordered pieces.//0.026:538:56//AC005139

F-PLACE1003870//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 54B20, WORKING DRAFT SEQUENCE.//6.5e-06:175:69//Z98304

F-PLACE1003885//Mus musculus poly(A) polymerase VI mRNA, complete cds.//9.4e-75:754:72//U58134

F-PLACE1003886//Homo sapiens clone NH0001P09, WORKING DRAFT SEQUENCE, 1 unordered pieces.//6.7e-20:432:64//AC006030

F-PLACE1003888//Human mRNA for phospholipase C, complete cds.//2.6e-53:702:67//D42108

F-PLACE1003892//RPC11-24P17.TV RPC1-11 Homo sapiens genomic clone RPC1-11-24P17, genomic survey sequence.//3.3e-20:245:65//B86759

F-PLACE1003900//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 328E19, WORKING DRAFT SEQUENCE.//2.5e-17:260:71//AL022240

F-PLACE1003903//Mus musculus CTP synthetase homolog (CTPsH) mRNA, complete cds.//2.7e-86:533:87//U49385

F-PLACE1003915//Mus musculus clone OST1963, genomic survey sequence.//6.4e-29:251:80//AF046591

F-PLACE1003923//Homo sapiens full-length insert cDNA clone ZD40A05.//2.8e-25:316:70//AF086251

F-PLACE1003932//Plasmodium falciparum 3D7 chromosome 12 PFYAC181 genomic sequence, WORKING DRAFT SEQUENCE, 8 unordered pieces.//1.6e-05:652:58//AC005505

F-PLACE1003936//CIT-HSP-2387C11.TR.1 CIT-HSP Homo sapiens genomic clone 2387C11, genomic survey sequence.//1.0:223:62//AQ239494

F-PLACE1003968//Rattus norvegicus 5'-AMP-activated protein kinase, gamma-1 subunit mRNA, complete cds.//5.2e-47:505:72//U42413

F-PLACE1004103//Homo sapiens chromosome 19, cosmid R28784, complete sequence.//6.7e-29:241:84//AC005954

F-PLACE1004104//Rattus norvegicus rsec5 mRNA, complete cds.//3.0e-115:719:86//AF032666

F-PLACE1004114//Homo sapiens Chromosome 22q11.2 BAC Clone 77h2 In CES Region, WORKING DRAFT SEQUENCE, 7 unordered pieces.//1.5e-22:213:80//AC000052

F-PLACE1004118//Pseudorabies virus with upstream and downstream sequences.//0.87:209:64//M34651

F-PLACE1004128//M.musculus G protein beta-subunit mRNA, complete cds.//2.5e-62:437:84//M63658

F-PLACE1004149//Oryctolagus cuniculus translation initiation factor eIF2C mRNA, complete cds.//1.4e-16:342:65//AF005355

F-PLACE1004156//Homo sapiens DNA sequence from PAC 57E3 on chromosome 6p12.1-21.1. Contains GSSs and an STS with a TATC repeat polymorphism, complete sequence.//1.2e-26:299:74//AL022099

F-PLACE1004161

F-PLACE1004183//Homo sapiens for TOM1-like protein.//1.2e-146:731:96//AJ010071

F-PLACE1004197

F-PLACE1004203//Homo sapiens GPI-anchored membrane protein CDw108 precursor, mRNA, complete cds.//4.0e-144:695:98//AF069493

F-PLACE1004242//Homo sapiens DNA sequence from PAC 124C6 on chromosome 6q21. Contains genomic marker D6S1603, ESTs, GSSs and a STS with a CA repeat polymorphism, complete sequence.//2.3e-151:772:95//AL021326

F-PLACE1004256//HS_2010_B2_G04_T7 CIT Approved Human Genomic Sperm Library D Homo sapiens genomic clone Plate=2010 Col=8 Row=N, genomic survey sequence.//1.5e-44:372:79//AQ252434

F-PLACE1004257//Homo sapiens BAC clone NH0342K06 from 2, complete sequence.//0.00011:349:63//AC005034

F-PLACE1004258//Homo sapiens DNA sequence from PAC 779B17 on chromosome 22q13.1. Contains exon trap, complete sequence.//0.77:475:59//AL021806

F-PLACE1004270//Human IgA C alpha 1 switch region (Sa1).//1.7e-08:622:61//L19121

F-PLACE1004274//H.sapiens CpG island DNA genomic Mse1 fragment, clone 18g6, forward read cpg18g6.ft1b.//8.6e-37:196:98//Z57691

F-PLACE1004277//Homo sapiens two pore domain K+ channel (TASK-2) mRNA, complete cds.//6.0e-156:756:

97//AF084830

F-PLACE1004284//Arabidopsis thaliana genomic DNA, chromosome 5, P1 clone: MPI7, complete sequence.//0.0060:635:57//AB011480

F-PLACE1004289//HS_3023_B1_E04_T7 CIT Approved Human Genomic Sperm Library D Homo sapiens genomic clone Plate=3023 Col=7 Row=J, genomic survey sequence.//2.4e-12:86:98//AQ094451

F-PLACE1004302//Streptomyces coelicolor cosmid 7H1.//0.26:297:64//AL021411

F-PLACE1004316//H.sapiens mRNA for apoptosis specific protein.//2:9e-150:797:94//Y11588

F-PLACE1004336//Drosophila melanogaster DNA sequence (P1.DS07968 (D117)), complete sequence.//0.87:206:59//AC004267

F-PLACE1004358//Homo sapiens connector enhancer of KSR-like protein CNK1 mRNA, complete cds.//5.9e-139:688:97//AF100153

F-PLACE1004376//Mus musculus clone OST20307, genomic survey sequence.//4.1e-81:498:89//AF046631

F-PLACE1004384//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 1121J18, WORKING DRAFT SEQUENCE.//3.6e-41:482:73//AL031653

F-PLACE1004388//Caenorhabditis elegans cosmid K08F11.//8.6e-26:615:62//U70855

F-PLACE1004405//Homo sapiens clone GS512121, WORKING DRAFT SEQUENCE, 9 unordered pieces.//9.2e-150:749:96//AC005027

F-PLACE1004425//Homo sapiens PAC clone DJ0733B09 from 7p14-p13, complete sequence.//2.4e-08:129:76//AC005532

F-PLACE1004428//R.norvegicus mRNA for Pristanoyl-CoA Oxidase.//7.0e-17:549:61//X95188

F-PLACE1004437//Human NAD+-specific isocitrate dehydrogenase beta subunit precursor, mRNA, nuclear gene encoding mitochondrial protein, complete cds.//3.1e-129:536:99//U49283

F-PLACE1004451//Human DNA sequence from PAC 214K23, BRCA2 gene region chromosome 13q12-13 contains BRCA2 exons 1-24, Interferon Induced 56Kd pseudogene and ESTs.//4.8e-23:231:71//Z74739

F-PLACE1004460//Homo sapiens PAC clone DJ1064B22 from 7q21, complete sequence.//0.96:454:56//AC004954

F-PLACE1004467//HS_2058_B1_C09_T7 CIT Approved Human Genomic Sperm Library D Homo sapiens genomic clone Plate=2058 Col=17 Row=F, genomic survey sequence.//2.4e-87:433:98//AQ242700

F-PLACE1004471//Figure 2. Nucleotide and translated protein sequences of HPF1, -2, and -9.//1.4e-74:665:70//M27877

F-PLACE1004473//CIT-HSP-2045A15.TF CIT-HSP Homo sapiens genomic clone 2045A15; genomic survey sequence.//3.3e-20:140:92//B80243

F-PLACE1004491//Plasmodium falciparum 3D7 chromosome 12 PFYAC1122 genomic sequence, WORKING DRAFT SEQUENCE, 3 unordered pieces.//9.9e-05:794:57//AC004709

F-PLACE1004506//Human Gx-alpha gene.//1.0e-05:231:63//D90150

F-PLACE1004510//Homo sapiens TATA binding protein associated factor (TAFII150) mRNA, complete cds.//3.2e-146:699:98//AF040701

F-PLACE1004516//Human DNA sequence from cosmid SRL9A13, chromosome region 11p13. Contains EST.//1.4e-33:367:71//Z86001

F-PLACE1004518

F-PLACE1004548//Dictyostelium discoideum MigA (migA) gene, complete cds.//2.6e-05:318:62//U86962

F-PLACE1004550//Human FMR1 gene, 5' end.//0.0018:142:66//L19476

F-PLACE1004564//B.taurus mRNA for cleavage and polyadenylation specificity factor.//1.7e-114:513:85//X75931

F-PLACE1004629//Anolis carolinensis Brain-1 gene, complete cds.//0.00013:188:67//AB001868

F-PLACE1004645//Mycobacterium tuberculosis H37Rv complete genome; segment 138/162.//0.66:337:60//Z95120

F-PLACE1004646//Rattus norvegicus retinal pigment epithelium-specific protein (Rpe65) mRNA, complete cds.//1.1e-19:326:63//AF035673

F-PLACE1004658//H.sapiens CpG island DNA genomic MseI fragment, clone 55h1, forward read cpg55h1.ft1a./12.4e-34:188:98//Z61632

F-PLACE1004664//Caenorhabditis elegans cosmid W10G6, complete sequence.//1.0:148:65//Z81140

F-PLACE1004672//Human ABL gene, exon 1b and intron 1b, and putative M8604 Met protein (M8604 Met) gene, complete cds.//1.9e-101:182:95//U07561

F-PLACE1004674//Homo sapiens calcium binding protein (ALG-2) mRNA, complete cds.//4.3e-109:625:91//AF035606

F-PLACE1004681//Homo sapiens genomic DNA of 8p21.3-p22 anti-oncogene of hepatocellular colorectal and non-small cell lung cancer, segment 3/11.//1.9e-152:759:96//AB020860

F-PLACE1004686//Homo sapiens DNA sequence from PAC 179N16 on chromosome 6p21.1-21.33. Contains the

SAPK4 (MAPK p38delta) gene, and the alternatively spliced SAPK2 gene coding for CSaids binding protein CSBP2 and a MAPK p38beta LIKE protein. Contains ESTs, STSs and two predicted CpG islands, complete sequence.//1.2e-34:320:71//Z95152

5 F-PLACE1004691//HS_3044_A1_G01_MF CIT Approved Human Genomic Sperm Library D Homo sapiens genomic clone Plate=3044 Col=1 Row=M, genomic survey sequence.//0.018:191:63//AQ098323

F-PLACE1004693//Human DNA sequence from clone 353H6 on chromosome Xq25-26.2. Contains the alternatively spliced SMARCA1 gene for SW1/SNF related, matrix associated, actin dependent regulator of chromatin, subfamily a, member 1 (SNF2L1) and a 40S Ribosomal Protein S26 pseudogene. Contains ESTs, STSs and GSSs, complete sequence.//0.28:573:57//AL022577

10 F-PLACE1004716//Plasmodium falciparum MAL3P6, complete sequence.//0.00081:428:59//Z98551

F-PLACE1004722//HS_3052_B1_C10_MR CIT Approved Human Genomic Sperm Library D Homo sapiens genomic clone Plate=3052 Col=19 Row=F, genomic survey sequence.//2.3e-05:104:75//AQ134959

F-PLACE1004736//CIT-HSP-2365J21.TF CIT-HSP Homo sapiens genomic clone 2365J21, genomic survey sequence.//1.3e-24:180:88//AQ080498

15 F-PLACE1004740//RPC111-58A7.TJ RPC111 Homo sapiens genomic clone R-58A7, genomic survey sequence.//8.6e-26:522:65//AQ195766

F-PLACE1004743//Mus musculus ubiquitin-protein ligase E3-alpha (Ubr1) mRNA, complete cds.//1.1e-112:711:86//AF061555

F-PLACE1004751

20 F-PLACE1004773//Homo sapiens inversin protein mRNA, complete cds.//5.4e-171:828:97//AF084367

F-PLACE1004777//Rattus norvegicus mRNA for myosin-RhoGAP protein Myr 7.//4.2e-134:763:90//AJ001713

F-PLACE1004793//Human DNA sequence from clone 323P24 on chromosome Xp11.21-11.23 Contains SPIN (spindlin homolog (PROTEIN DXF34), hypothetical protein EST, STS, GSS, complete sequence.//9.3e-132:759:90//AL022157

25 F-PLACE1004804

F-PLACE1004813//Plasmodium falciparum 3D7 chromosome 12 PFYAC588 genomic sequence, WORKING DRAFT SEQUENCE, 2 unordered pieces.//6.5e-06:403:58//AC004710

F-PLACE1004814//Homo sapiens chromosome 17, clone hRPK:294_J_22, complete sequence.//9.8e-39:207:99//AC005921

30 F-PLACE1004815//Homo sapiens PAC clone DJ0651K02 from 7p21-p22, complete sequence.//8.1e-15:203:73//AC004613

F-PLACE1004824//G.gallus PB1 gene.//1.1e-103:759:80//X90849

F-PLACE1004827//HS_2230_A2_A05_MR CIT Approved Human Genomic Sperm Library D Homo sapiens genomic clone Plate=2230 Col=10 Row=A, genomic survey sequence.//4.1e-38:330:81//AQ299313

35 F-PLACE1004836//H.sapiens nidogen gene (exon 8).//0.97:116:68//X84825

F-PLACE1004838//HS_3241_A2_A04_MR CIT Approved Human Genomic Sperm Library D Homo sapiens genomic clone Plate=3241 Col=8 Row=A, genomic survey sequence.//1.8e-87:425:98//AQ206740

F-PLACE1004840//Sequence 2 from patent US 5728819.//6.7e-47:285:91//I92819

F-PLACE1004868

40 F-PLACE1004885//Arabidopsis thaliana DNA chromosome 4, ESSA1 contig fragment No. 9.//0.14:465:59//Z97344

F-PLACE1004900

F-PLACE1004902//CITBI-E1-2510J4.TR CITBI-E1 Homo sapiens genomic clone 2510J4, genomic survey sequence.//3.6e-06:56:100//AQ261184

45 F-PLACE1004913//Homo sapiens BAC clone RG054D04 from 7q31, complete sequence.//2.6e-151:770:91//AC005058

F-PLACE1004918//Mus musculus signaling molecule (ATTP) mRNA, complete cds.//2.6e-68:459:84//U97571

F-PLACE1004930//Homo sapiens TNF-induced protein GG2.1 mRNA, complete cds.//4.4e-106:545:95//AF070671

50 F-PLACE1004934//Human DNA sequence from clone 192P9 on chromosome Xp11.23-11.4. Contains a pseudo-gene similar to rat Plasmolipin, ESTs and GSSs, complete sequence.//3.5e-45:226:84//AL020989

F-PLACE1004937

F-PLACE1004969

F-PLACE1004972//Homo sapiens PAC clone DJ0612F12 from 7p12-p14, complete sequence.//0.012:316:61//AC004843

55 F-PLACE1004979//Human DNA sequence from clone 142F18 on chromosome Xq26.3-27.2 Contains part of a gene similar to melanoma-associated antigen, EST, GSS and an inverted repeat, complete sequence.//4.7e-39:394:77//AL031073

F-PLACE1004982//Caenorhabditis elegans cosmid B0507.//0.16:167:65//J64833

F-PLACE1004985//Plasmodium falciparum chromosome 2, section 10 of 73 of the complete sequence.//8.8e-14:
 590:61//AE001373
 F-PLACE1005026
 F-PLACE1005027
 5 F-PLACE1005046
 F-PLACE1005052//Homo sapiens chromosome Xp22-135-136 clone GSHB-56711, WORKING DRAFT SE-
 QUENCE, 35 unordered pieces.//2.1e-135:675:97//AC005867
 F-PLACE1005055//Homo sapiens mRNA for KIAA0576 protein, partial cds.//1.9e-159:761:98//AB011148
 F-PLACE1005066//Homo sapiens actin binding protein MAYVEN mRNA, complete cds.//9.2e-10:757:56//
 10 AF059569
 F-PLACE1005077
 F-PLACE1005085//Homo sapiens Xp22-132-134 BAC GSHB-590J15 (Genome Systems Human BAC library)
 complete sequence.//6.9e-29:253:77//AC004673
 F-PLACE1005086//Homo sapiens chromosome 17, clone HCIT11023, complete sequence.//6.5e-52:446:78//
 15 AC002316
 F-PLACE1005101//Homo sapiens clone DJ0414A15, WORKING DRAFT SEQUENCE, 9 unordered pieces.//2.0e-
 146:734:96//AC005225
 F-PLACE1005102//Homo sapiens chromosome 19, cosmid R29388, complete sequence.//9.8e-83:254:95//
 AC004476
 20 F-PLACE1005108//Human BAC clone RG009H02 from 7q31, complete sequence.//0.46:179:64//AC003081
 F-PLACE1005111
 F-PLACE1005128//Bovine herpesvirus type 1 early-intermediate transcription control protein (BICP4) gene, com-
 plete cds.//0.00051:287:63//L14320
 F-PLACE1005146//HS_3071_A1_E03_MF CIT Approved Human Genomic Sperm Library D Homo sapiens ge-
 25 nomic clone Plate=3071 Col=5 Row=I, genomic survey sequence.//7.4e-38:299:82//AQ103361
 F-PLACE1005162//Human BAC clone GS306C12 from 7q21-q22, complete sequence.//2.6e-44:346:82//
 AC002451
 F-PLACE1005176
 F-PLACE1005181//CIT-HSP-2340O5.TR CIT-HSP Homo sapiens genomic clone 2340O5, genomic survey se-
 30 quence.//0.99:211:63//AQ054651
 F-PLACE1005187//CIT-HSP-2358N6.TR CIT-HSP Homo sapiens genomic clone 2358N6, genomic survey se-
 quence.//2.7e-07:80:90//AQ074445
 F-PLACE1005206//Human BAC clone 133K23 from 7q31.2, complete sequence.//0.98:216:61//AC000061
 F-PLACE1005232//Homo sapiens clone DJ1106H14, WORKING DRAFT SEQUENCE, 42 unordered pieces.//
 35 0.70:245:63//AC004965
 F-PLACE1005243
 F-PLACE1005261//Caenorhabditis elegans cosmid T05H10, complete sequence.//0.00041:254:61//Z47812
 F-PLACE1005266//H.sapiens mRNA (fetal brain cDNA a4_2g).//9.6e-33:177:98//Z70695
 F-PLACE1005277//Homo sapiens mRNA for KIAA0610 protein, partial cds.//1.6e-148:706:98//AB011182
 40 F-PLACE1005287//Plasmodium falciparum (MESA) mRNA exons 1-2, complete cds.//2.8e-15:737:60//M69183
 F-PLACE1005305//Bovine mitochondrial GTP:AMP phosphotransferase mRNA, complete cds.//3.8e-111:728:84//
 M25757
 F-PLACE1005308//Clethrionomys glareolus endogenous retroviral sequence ERV-L pol gene, clone ERV-L Vole
 Cg14.//1.0:128:67//AJ233621
 45 F-PLACE1005313//Caenorhabditis elegans cosmid D2092.//8.8e-11:342:62//U88167
 F-PLACE1005327//HS_3080_B2_A12_MR CIT Approved Human Genomic Sperm Library D Homo sapiens ge-
 nomic clone Plate=3080 Col=24 Row=B, genomic survey sequence.//4.1e-25:147:96//AQ139116
 F-PLACE1005331//Homo sapiens chromosome 19, cosmid F20569, complete sequence.//1.4e-132:399:94//
 AC004794
 50 F-PLACE1005335//Human Chromosome 3 pac pDJ070i11, WORKING DRAFT SEQUENCE, 2 unordered pieces.//
 5.5e-114:237:92//AC000380
 F-PLACE1005373
 F-PLACE1005374//Homo sapiens chromosome 7 common fragile site, complete sequence.//0.20:305:58//
 AF017104
 55 F-PLACE1005409//Human BAC clone RG167B05 from 7q21, complete sequence.//2.5e-148:760:95//AC003991
 F-PLACE1005453//Caenorhabditis elegans DNA *** SEQUENCING IN PROGRESS *** from clone Y48A6,
 WORKING DRAFT SEQUENCE.//0.00069:582:59//Z92854
 F-PLACE1005467//Rat mRNA.//0.0014:131:70//M59859

- F-PLACE1005471//Human DNA sequence from clone 45I4 on chromosome 6q24.1-24.3. Contains two putative unknown genes, ESTs, STSs and GSSs, complete sequence.//3.0e-23:530:67//AL023581
- F-PLACE1005477//Human DNA sequence from clone J181N11, WORKING DRAFT SEQUENCE.//3.3e-131:814:88//Z82191
- 5 F-PLACE1005480//Homo sapiens DNA sequence from PAC 257I20, on chromosome 22q13.1-13.2. Contains cytochrome P450 pseudogenes CYP2D7P, CYP2D8P, CYP2D6(D), TCF20, NADH ubiquinone oxidoreductase B14 subunit, ESTs, CA repeat, STS, GSS.//7.0e-34:246:73//AL021878
- F-PLACE1005481//RPC111-74L17.TJ RPC111 Homo sapiens genomic clone R-74L17, genomic survey sequence.//0.37:403:57//AQ266885
- 10 F-PLACE1005494//Homo sapiens transient receptor potential protein 6 mRNA, complete cds.//2.1e-67:325:99//AF080394
- F-PLACE1005502//Homo sapiens BAC clone NH0161H12 from 7p14-p15, complete sequence.//0.015:403:61//AC005589
- F-PLACE1005526//H.sapiens CpG island DNA genomic MseI fragment, clone 9f1, reverse read cp9f1.rt1a.//3.6e-27:159:96//Z66485
- 15 F-PLACE1005528//Homo sapiens genomic DNA, chromosome 21q11.1, segment 9/28, WORKING DRAFT SEQUENCE.//2.6e-28:449:67//AP000038
- F-PLACE1005530//Homo sapiens clone DJ0691L07, complete sequence.//6.5e-18:234:72//AC004860
- F-PLACE1005550//Fugu rubripes GSS sequence, clone 048A08bH3, genomic survey sequence.//1.2e-14:123:75//AL025925
- 20 F-PLACE1005554//Leishmania tarentolae mitochondrial 12S ribosomal RNA gene.//0.43:209:66//X02354
- F-PLACE1005557//Homo sapiens chromosome 17, clone hRPC.117_B_12, complete sequence.//9.3e-113:536:97//AC004707
- F-PLACE1005574//Plasmodium falciparum 3D7 chromosome 12 PFYAC1383 genomic sequence, WORKING DRAFT SEQUENCE, 3 unordered pieces.//1.1e-10:514:59//AC005504
- 25 F-PLACE1005584//Homo sapiens mRNA for KIAA0617 protein, complete cds.//0.00056:289:63//AB014517
- F-PLACE1005595//Human Chromosome 11q12.2 PAC clone pDJ606g6, complete sequence.//1.2e-111:262:89//AC004126
- F-PLACE1005603
- 30 F-PLACE1005611//F16O5TFC IGF Arabidopsis thaliana genomic clone F16O5, genomic survey sequence.//2.0e-10:209:66//B98589
- F-PLACE1005623
- F-PLACE1005630//High throughput sequencing of human chromosome 12, WORKING DRAFT SEQUENCE, 1 ordered pieces.//1.2e-93:230:98//AC005840
- 35 F-PLACE1005639//HS_3095_B1_A03_MF CIT Approved Human Genomic Sperm Library D Homo sapiens genomic clone Plate=3095 Col=5 Row=B, genomic survey sequence.//1.2e-05:220:63//AQ123022
- F-PLACE1005646//Homo sapiens RNA helicase-related protein mRNA, complete cds.//6.4e-150:721:98//AF083255
- F-PLACE1005656//H.sapiens RR2 mRNA for small subunit ribonucleotide reductase.//1.3e-51:480:74//X59618
- 40 F-PLACE1005666//RPC111-78O15.TV RPC111 Homo sapiens genomic clone R-78O15, genomic survey sequence.//8.7e-05:243:62//AQ284667
- F-PLACE1005698//Human membrane-associated lectin type C mRNA.//1.9e-63:374:85//M98457
- F-PLACE1005727//Plasmodium falciparum chromosome 2, section 59 of 73 of the complete sequence.//0.69:633:57//AE001422
- 45 F-PLACE1005730//HS_2026_B1_H11_T7 CIT Approved Human Genomic Sperm Library D Homo sapiens genomic clone Plate=2026 Col=21 Row=P, genomic survey sequence.//2.0e-24:286:74//AQ231147
- F-PLACE1005739//Mus musculus IFN-gamma induced (Mg11) mRNA, complete cds.//2.8e-55:621:71//U15635
- F-PLACE1005755//HS_2213_A2_H11_MR CIT Approved Human Genomic Sperm Library D Homo sapiens genomic clone Plate=2213 Col=22 Row=O, genomic survey sequence.//1.4e-25:290:75//AQ136844
- 50 F-PLACE1005763//Rat medium-chain S-acyl fatty acid synthetase thio ester hydrolase (MCH), complete cds.//4.5e-40:297:70//M16200
- F-PLACE1005799//R.norvegicus mRNA for mitochondrial isoform of cytochrome b5.//0.91:287:63//Y12517
- F-PLACE10058021//Homo sapiens PAC clone DJ044L15 from Xq23, complete sequence.//5.0e-109:530:98//AC004827
- 55 F-PLACE1005803//HS_3092_B1_A10_MF CIT Approved Human Genomic Sperm Library D Homo sapiens genomic clone Plate=3092 Col=19 Row=B, genomic survey sequence.//2.4e-08:76:96//AQ103695
- F-PLACE1005804//Homo sapiens alpha 1,2-mannosidase IB mRNA, complete cds.//1.4e-126:636:96//AF027156
- F-PLACE1005813//Homo sapiens sorting nexin 2 (SNX2) mRNA, complete cds.//2.6e-154:739:98//AF065482

- F-PLACE1005828//Homo sapiens chromosome 17, clone hRPC:971_F_3, WORKING DRAFT SEQUENCE, 1 ordered pieces.//2.2e-37:355:77//AC004150
- F-PLACE1005834//Plasmodium falciparum DNA *** SEQUENCING IN PROGRESS *** from contig 4-105, complete sequence.//0.00080:663:58//AL010283
- 5 F-PLACE1005845//Plasmodium falciparum 3D7 chromosome 12 PFYAC812 genomic sequence, WORKING DRAFT SEQUENCE, 8 unordered pieces.//0.00015:340:58//AC004153
- F-PLACE1005850//Human DNA sequence from clone 465N24 on chromosome 1p35.1-36.13. Contains two novel genes, ESTs, GSSs and CpG islands, complete sequence.//1.8e-46:278:85//AL031432
- F-PLACE1005851
- 10 F-PLACE1005876//B.taurus mRNA for cleavage and polyadenylation specificity factor.//5.0e-120:701:89//X75931
- F-PLACE1005884//CIT-HSP-2333O12.TR CIT-HSP Homo sapiens genomic clone 2333O12, genomic survey sequence.//4.6e-78:385:98//AQ039226
- F-PLACE1005890//Schizosaccharomyces pombe bem1/bud5 suppressor (Bem46+) mRNA, partial cds.//9.3e-16:638:57//U29892
- 15 F-PLACE1005898//Rattus norvegicus A-kinase anchoring protein AKAP150 mRNA, complete cds.//1.0:178:65//U67136
- F-PLACE1005921//M.musculus mRNA for immunity associated protein 38.//6.6e-17:614:59//Y08026
- F-PLACE1005923//RPCI11-33G19.TJ RPCI-11 Homo sapiens genomic clone RPCI-11-33G19, genomic survey sequence.//4.0e-10:535:57//AQ046151
- 20 F-PLACE1005925//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 537K23, WORKING DRAFT SEQUENCE.//0.17:159:65//AL034405
- F-PLACE1005932
- F-PLACE1005934//H.sapiens CpG island DNA genomic MseI fragment, clone 165g2, forward read cpg165g2.ft1a.//8.3e-43:247:93//Z57153
- 25 F-PLACE1005936//F.rubripes GSS sequence, clone 069K22aG2, genomic survey sequence.//0.91:116:68//AL014719
- F-PLACE1005951//Rhodobacter sphaeroides DMSO/TMAO-sensor kinase (dorS), DMSO/TMAO-response regulator (dorR), DMSO/TMAO-cytochrome c-containing subunit (dorC), DMSO-membrane protein (dorB), and DMSO/TMAO-reductase (dorA) genes, complete cds.//0.0022:495:59//AF016236
- 30 F-PLACE1005953//Homo sapiens PAC clone DJ0320J15 from Xq23, complete sequence.//2.9e-05:442:61//AC004081
- F-PLACE1005955//Caenorhabditis elegans cosmid F01F1.//4.3e-20:409:64//U13070
- F-PLACE1005966//P.falciparum aarp3 gene, exon.//0.0083:270:64//Y08925
- F-PLACE1005968
- 35 F-PLACE1005990//Homo sapiens chromosome 12p13.3 clone RPCI11-407G6, WORKING DRAFT SEQUENCE, 51 ordered pieces.//1.0e-100:513:96//AC005866
- F-PLACE1006002//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 229A8, WORKING DRAFT SEQUENCE.//2.5e-54:444:77//Z86090
- F-PLACE1006003//HS-1059-A2-G01-MF.abi CIT Human Genomic Sperm Library C Homo sapiens genomic clone Plate=CT 781 Col=2 Row=M, genomic survey sequence.//3.4e-05:214:64//B44442
- 40 F-PLACE1006011//Mus musculus poly-(ADP-ribose)-transferase homolog PARP mRNA, complete cds.//4.3e-71:580:79//AF072521
- F-PLACE1006017//Homo sapiens Chromosome 16 BAC clone CIT987-SKA-113A6 -complete genomic sequence, complete sequence.//8.6e-32:177:83//AC002299
- 45 F-PLACE1006037//Mus musculus B6D2F1 clone 2C11B mRNA.//1.8e-34:269:83//U01139
- F-PLACE1006040//Homo sapiens mRNA for alpha endosulfine.//3.4e-147:719:97//X99906
- F-PLACE1006076//Homo sapiens DNA sequence from PAC 79C4 on chromosome 1q24. Contains the PMX1 gene, coding for two alternative forms of the Paired Mesoderm Homeobox protein 1 (PMX-1, PHOX-1). Contains ESTs, STSs and BAC end sequences (GSSs), complete sequence.//0.37:332:62//Z97200
- 50 F-PLACE1006119//Homo sapiens Ran-GTP binding protein mRNA, partial cds.//1.3e-145:679:99//AF039023
- F-PLACE1006129
- F-PLACE1006139//Saccharomyces cerevisiae chromosome VI cosmid 9965.//4.8e-27:693:60//D44597
- F-PLACE1006143//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 169I5, WORKING DRAFT SEQUENCE.//4.7e-46:435:77//Z93015
- 55 F-PLACE1006157//Saguinus oedipus mRNA for membrane cofactor protein CD46, complete cds, clone:B2.//0.048:290:60//D85750
- F-PLACE1006159//Homo sapiens chromosome 10 clone CIT987SK-1054O2 map 10q25, complete sequence.//3.2e-129:466:96//AC005661

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F-PLACE1006164//HS_3003_A1_F08_MR CIT Approved Human Genomic Sperm Library D Homo sapiens genomic clone Plate=3003 Col=15 Row=K, genomic survey sequence//1.4e-70:388:93//AQ118200
 F-PLACE1006167//Homo sapiens chromosome 19, cosmid F23149, complete sequence//4.3e-78:385:86//AC005239
 5 F-PLACE1006170//Mouse mRNA for alpha-adaptin (C)//3.5e-91:630:84//X14972
 F-PLACE1006187//Homo sapiens cyclin E2 mRNA, complete cds//3.9e-149:694:99//AF091433
 F-PLACE1006195//Homo sapiens Xp22 BAC GS-607H18 (Genome Systems Human BAC library) complete sequence//2.5e-16:283:70//AC003658
 F-PLACE1006196//Mouse RNA helicase and RNA-dependent ATPase from the DEAD box family mRNA, complete
 10 cds//2.2e-94:648:84//L25125
 F-PLACE1006205//Human Xp22 cosmid U250A9, complete sequence//0.15:533:58//U75931
 F-PLACE1006223//F24L20-T7 IGF Arabidopsis thaliana genomic clone F24L20, genomic survey sequence//0.0068:175:64//B19803
 F-PLACE1006225//CIT-HSP-2335I23.TF CIT-HSP Homo sapiens genomic clone 2335I23, genomic survey sequence//2.1e-19:149:90//AQ039880
 15 F-PLACE1006236//Human chromosome 12p15 BAC clone CIT987SK-99D8 complete sequence//0.51:290:58//U91327
 F-PLACE1006239//Homo sapiens BAC clone RG118D07 from 7q31, complete sequence//7.4e-158:452:96//AC004142
 20 F-PLACE1006246//RPCI11-36I23.TK RPCI-11 Homo sapiens genomic clone RPCI-11-36I23, genomic survey sequence//2.6e-31:176:97//AQ045400
 F-PLACE1006248//Homo sapiens mRNA for KIAA0648 protein, partial cds//2.3e-166:791:98//AB014548
 F-PLACE1006262//342E3.TVD CIT978SKA1 Homo sapiens genomic clone A-342E03, genomic survey sequence//1.0:228:63//B16447
 25 F-PLACE1006288//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 20N2, WORKING DRAFT SEQUENCE//6.6e-172:809:99//AL031320
 F-PLACE1006318
 F-PLACE1006325//Homo sapiens PAC clone DJ0988L12 from 7q11:23-q21.1, complete sequence//0.079:396:59//AC004454
 30 F-PLACE1006335//Mouse Ig third hypervariable region (HCDR3), nonproductively rearranged alpha-chain gene VHSB32-D-JH2 region//1.0:90:67//M55721
 F-PLACE1006357//Plasmodium falciparum 3D7 chromosome 12 PFYAC1383 genomic sequence, WORKING DRAFT SEQUENCE, 3 unordered pieces//0.16:445:56//AC005504
 F-PLACE1006360//Plasmodium falciparum MAL3P7, complete sequence//6.1e-05:625:57//AL034559
 35 F-PLACE1006368//X.laevis mRNA for KLP2 protein//3.0e-25:376:68//X94082
 F-PLACE1006371//Homo sapiens chromosome 16, cosmid clone 360H6 (LANL), complete sequence//2.0e-146:711:97//AC004232
 F-PLACE1006382
 F-PLACE1006385//Homo sapiens epsin 2a mRNA, complete cds//5.1e-110:539:97//AF062085
 40 F-PLACE1006412//Homo sapiens BAC clone GS588G18 from 7p12-p14, complete sequence//1.3e-23:463:68//AC005029
 F-PLACE1006414//Homo sapiens PCAF associated factor 65 alpha mRNA, complete cds//1.3e-109:525:98//AF069735
 F-PLACE1006438//Homo sapiens mRNA for KIAA0557 protein, partial cds//6.9e-23:531:65//AB011129
 45 F-PLACE1006445//HS_3071_A1_C11_MF CIT Approved Human Genomic Sperm Library D Homo sapiens genomic clone Plate=3071 Col=21 Row=E, genomic survey sequence//4.7e-74:392:95//AQ 103347
 F-PLACE1006469//Rhodobacter capsulatus strain SB1003, partial genome//1.1e-40:686:65//AF010496
 F-PLACE1006470//T.brucei kinetoplast maxicircle variable region DNA//0.99:250:59//Z15118
 F-PLACE1006482//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 447C4, WORKING
 50 DRAFT SEQUENCE//4.3e-120:328:98//AL021977
 F-PLACE1006488//Canine mRNA for 68kDA subunit of signal recognition particle (SRP68)//6.5e-86:478:91//X53744
 F-PLACE1006492
 F-PLACE1006506
 55 F-PLACE1006521//Homo sapiens BAC clone RG281G05 from 7p15-p21, complete sequence//0.0010:547:58//AC005083
 F-PLACE1006531//Oryctolagus cuniculus translation initiation factor eIF2C mRNA, complete cds//2.6e-84:625:80//AF005355

- F-PLACE1006534//Caenorhabditis elegans cosmid Y40H7A, complete sequence.//0.00031:671:58//AL033510
 F-PLACE1006540
 F-PLACE1006552//P.falciparum glutamic acid-rich protein gnen, complete cds.//6.0e-10:636:59//J03998
 F-PLACE1006598//Homo sapiens BAC clone NH0539B24 from 7p15.1-p14, complete sequence.//9.8e-25:170:77//AC006044
 5 F-PLACE1006615//Homo sapiens eukaryotic translation initiation factor eIF3, p35 subunit mRNA, complete cds.//6.7e-167:781:99//U97670
 F-PLACE1006617//Homo sapiens Xp22 BAC GSHB-433024 (Genome Systems Human BAC library) complete sequence.//0.98:514:59//AC004470
 10 F-PLACE1006626//H.sapiens DNA 3' flanking simple sequence region clone wg2c3.//0.00079:206:62//X76589
 F-PLACE1006629//Human BAC clone RG333F24 from 7q11.2-q21, complete sequence.//0.0012:576:57//AC004015
 F-PLACE1006640//P.falciparum complete gene map of plastid-like DNA (IR-B).//0.0018:588:59//X95276
 F-PLACE1006673//Plasmodium falciparum 3D7 chromosome 12: PFYAC69 genomic sequence, WORKING DRAFT SEQUENCE, 4 unordered pieces.//0.0028:469:58//AC004688
 15 F-PLACE1006678//Mus musculus UDP-Gal:betaGlcNAc beta 1,3-galactosyltransferase-I (b3GT1) gene, complete cds.//0.00011:184:64//AF029790
 F-PLACE1006704//Mus musculus dentin sialophosphoprotein precursor (DSPP) mRNA, complete cds.//0.0013:380:62//U67916
 20 F-PLACE1006731//Human DNA sequence from PAC 408N23 on chromosome 22q13. Contains HIP, HSC70-INTERACTING PROTEIN (PROGESTERONE RECEPTOR-ASSOCIATED P48 PROTEIN), ESTs and STS.//1.5e-78:520:86//Z98048
 F-PLACE1006754//Homo sapiens chromosome 19, cosmid R29124, complete sequencer.//1.9e-135:378:99//AC005626
 25 F-PLACE1006760//CIT-HSP-2336O13.TR CIT-HSP Homo sapiens genomic clone 2336O13, genomic survey sequence.//0.018:147:66//AQ039246
 F-PLACE1006779//Plasmodium falciparum chromosome 2, section 63 of 73 of the complete sequence.//2.6e-08:823:58//AE001426
 F-PLACE1006782//Homo sapiens clone NH0005N18, WORKING DRAFT SEQUENCE, 2 unordered pieces.//0.043:252:65//AC005487
 30 F-PLACE1006792//HS_3165_B1_H01_MR CIT Approved Human Genomic Sperm Library D Homo sapiens genomic clone Plate=3165 Col=1 Row=P, genomic survey sequence.//1.4e-11:249:67//AQ149559
 F-PLACE1006795//Mouse eph-related receptor tyrosine kinase (Mek4) mRNA, complete cds.//1.3e-12:155:80//M68513
 35 F-PLACE1006800//Plasmodium falciparum DNA *** SEQUENCING IN PROGRESS *** from contig 4-92, complete sequence.//6.7e-05:391:62//AL010272
 F-PLACE1006805//paramecium species 1,168 mt dna dimer: replication init. region.//9.1e-09:369:62//K00915
 F-PLACE1006815//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 321D2, WORKING DRAFT SEQUENCE.//0.89:465:58//AL031033
 40 F-PLACE1006819//Homo sapiens clone DJ1163L11, complete sequence.//1.5e-121:618:91//AC005230
 F-PLACE1006829//Brn-3a=class V POU transcription factor [mice, CD/CD, embryo fibroblast cells, Genomic, 2160 nt].//0.011:145:68//S69350
 F-PLACE1006860//Plasmodium falciparum MAL3P7, complete sequence.//2.2e-07:691:58//AL034559
 F-PLACE1006867//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 323M4, WORKING DRAFT SEQUENCE.//1.5e-132:643:98//AL033378
 45 F-PLACE1006878
 F-PLACE1006883//Mycobacterium tuberculosis H37Rv complete genome; segment 138/162.//1.0:236:62//Z95120
 F-PLACE1006901//Mus musculus t complex testis-specific protein (Tctex2) gene, t haplotype, promoter sequence.//2.7e-19:171:81//U21672
 50 F-PLACE1006904
 F-PLACE1006917//H.sapiens CpG island DNA genomic MseI fragment, clone 79g10, forward read cpg79g10.ft1a.//1.3e-21:131:98//Z63175
 F-PLACE1006932//Mus musculus FKBP65 binding protein mRNA, complete cds.//0.99:248:61//L07063
 55 F-PLACE1006935//Homo sapiens chromosome 9 duplication of the T cell receptor beta locus and trypsinogen gene families.//0.85:161:63//AF029308
 F-PLACE1006956//Hylobates lar involucrin gene, complete cds.//0.077:355:61//M35447
 F-PLACE1006958//Mus musculus osmotic stress protein 94- (Osp94) mRNA, complete cds.//2.9e-89:483:86//

U23921

F-PLACE1006961//Saccharomyces cerevisiae mitochondrial tRNA-Tyr, tRNA-Asn, & amp; tRNA-Met genes.//1.6e-06:651:58//AJ223323

F-PLACE1006962//H.sapiens ir1B mRNA.//7.1e-15:202:71//X63417

F-PLACE1006966//Caenorhabditis elegans DNA *** SEQUENCING IN PROGRESS *** from clone Y105E8, WORKING DRAFT SEQUENCE.//1.7e-26:451:61//AL022594

F-PLACE1006989//cSRL-172A4-u cSRL flow sorted Chromosome 11 specific cosmid Homo sapiens genomic clone cSRL-172A4, genomic survey sequence.//1.0:97:67//B03188

F-PLACE1007014//Rattus norvegicus equilibrative nitrobenzylthioinosine-insensitive nucleoside transporter mRNA, complete cds.//4.2e-07:592:58//AF015305

F-PLACE1007021//Homo sapiens chromosome 19, cosmid F16403, complete sequence.//5.1e-17:285:70//AC005777

F-PLACE1007045//Human DNA sequence from PAC 181N1 on chromosome X contains ESTs, STS polymorphic CA repeat* //6.2e-131:775 :89//Z82899

F-PLACE1007053//Homo sapiens clone DJ0810E06, WORKING DRAFT SEQUENCE, 8 unordered pieces.//1.7e-143:675:99//AC004895

F-PLACE1007068//Homo sapiens chromosome 17, clone hRPK.214_O_1, complete sequence.//1.3e-131:652:97//AC005224

F-PLACE1007097//Homo sapiens DNA sequence from BAC 55C20 on chromosome 6. Contains a Spinal Muscular Atrophy (SMA3) LIKE gene overlapping with a beta-glucuronidase LIKE pseudogene. Contains a membrane protein LIKE pseudogene, a Glyceraldehyde 3-phosphate dehydrogenase (GAPDH) LIKE pseudogene, five predicted tRNA genes. Contains ESTs, GSSs (BAC end sequences) and a CA repeat polymorphism, complete sequence.//8.3e-158:768:97//AL021368

F-PLACE1007105//Mus musculus muskulin mRNA, complete cds.//4.1e-124:687:91//U72194

F-PLACE1007111//Plasmodium falciparum 3D7 chromosome 12 PFYAC336 genomic sequence, WORKING DRAFT SEQUENCE, 5 unordered pieces.//4.7e-05:586:56//AC005139

F-PLACE1007112//HS_2234_B2_G10_MF CIT Approved Human Genomic Sperm Library D Homo sapiens genomic clone Plate=2234 Col=20 Row=N, genomic survey sequence.//0.26:200:62//AQ087801

F-PLACE1007132//CIT978SK-A-211C6.TVB CIT978SK Homo sapiens genomic clone A-211C6, genomic survey sequence.//1.3e-40:255:92//B72112

F-PLACE1007140//QN1 orf [Coturnix coturnix, japonica, K2 neuroretinal cells, mRNA Partial, 3884 nt]//4.9e-15:386:62//S68151

F-PLACE1007178//Plasmodium falciparum 3D7 chromosome 12 PFYACB8-420 genomic sequence, WORKING DRAFT SEQUENCE, 14 unordered pieces.//0.011:329:61//AC005140

F-PLACE1007226//Human lipocortin (LIP) 2 gene, upstream region.//0.0036:180:63//M62899

F-PLACE1007238//FMR1 (CGG repeats) [human, Fragile X syndrome patient, Genomic, 429 nt]//2.8e-08:269:63//S74494

F-PLACE1007239//Homo sapiens mRNA for transcription elongation factor S-II, hS-II-T1, complete cds.//6.3e-57:405:87//D50495

F-PLACE1007242//HS_3006_A1_B11_MR CIT Approved Human Genomic Sperm Library D Homo sapiens genomic clone Plate=3006 Col=21 Row=C, genomic survey sequence.//0.088:191:59//AQ089443

F-PLACE1007243//Human transporter protein (g17) mRNA, complete cds.//7.9e-12:245:66//U49082

F-PLACE1007257//Homo sapiens mRNA for dia-12c protein.//5.2e-144:677:98//Y15908

F-PLACE1007274//HS_3003_A1_D08_MF CIT Approved Human Genomic Sperm Library D Homo sapiens genomic clone Plate=3003 Col=15 Row=G, genomic survey sequence.//7.4e-49:345:85//AQ294154

F-PLACE1007276//Fugu rubripes GSS sequence, clone 014O10aG11, genomic survey sequence.//0.0052:228:62//AL024982

F-PLACE1007282//F.rubripes GSS sequence, clone 019O07aB3, genomic survey sequence.//0.024:289:58//AL011743

F-PLACE1007286//Human Chromosome 16 BAC clone CIT987SK-A-256A9, complete sequence.//0.0048:185:69//AC002492

F-PLACE1007301//Dictyostelium discoideum gene for TRFA, complete cds.//0.069:761:57//AB009080

F-PLACE1007317

F-PLACE1007342

F-PLACE1007346//Homo sapiens estrogen-responsive B box protein (EBBP) mRNA, complete cds.//5.4e-120:567:98//AF096870

F-PLACE1007367//Homo sapiens clone RG228D17, WORKING DRAFT SEQUENCE, 2 unordered pieces.//1.2e-59:613:75//AC005077

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F-PLACE1007375//Caenorhabditis elegans cosmid D2092.//1.8e-12:193:70//U88167
F-PLACE1007386
F-PLACE1007402//HS_2170_A2_D12_MF CIT Approved Human Genomic Sperm Library D Homo sapiens ge-
nomic clone Plate=2170 Col=24 Row=G, genomic survey sequence.//5.6e-06:162:67//AQ125590
5 F-PLACE1007409//Homo sapiens mitoxantrone resistance protein 2 mRNA, complete sequence.//1.6e-25:165:
93//AF093772
F-PLACE1007416
F-PLACE1007450//Homo sapiens DNA from chromosome 19, BAC 33152, complete sequence.//4.9e-34:764:62//
AC003973
10 F-PLACE1007452//Mus musculus bet3 (Bet3) mRNA, complete cds.//4.1e-17:374:64//AF041433
F-PLACE1007454//Homo sapiens (clone s153) mRNA fragment.//8.1e-52:317:93//L40391
F-PLACE1007460//Human DNA sequence from clone 914P14 on chromosome Xq23 Contains calpain-like pro-
tease gene, DCX (doublecortin) ESTs, CA repeat, GSS, complete sequence.//0.0019:280:64//AL031117
F-PLACE1007478//Homo sapiens Chromosome 16 BAC clone CIT987-SKA-345G4 -complete genomic sequence,
15 complete sequence.//2.5e-24:362:71//AC002302
F-PLACE1007484
F-PLACE1007488//Danio rerio faciogenital dysplasia protein. (fgd) mRNA, complete cds.//3.8e-14:293:63//
AF017370
F-PLACE1007507//Human DNA sequence from clone 105D16 on chromosome Xp11.3-11.4 Contains pseudogene
20 similar to laminin-binding protein, CA repeat, STS, complete sequence.//4.6e-10:152:75//AL031311
F-PLACE1007511//Homo sapiens chromosome 17, clone hRPC.1110_E_20, complete sequence.//3.6e-139:477:
98//AC004231
F-PLACE1007524//Plasmodium falciparum microsatellite 14C sequence.//0.0055:395:59//AF015461
F-PLACE1007525//Trypanoplasma borelli mitochondrion cytochrome oxidase subunit 1 (cox1), cytochrome oxi-
25 dase subunit 2 (cox2), and apocytochrome b (cytb) genes, complete cds; and complete 9S rRNA gene and partial
12S rRNA gene.//0.0013:550:58//U11682 F-PLACE1007537//H. sapiens CpG island DNA genomic MseI fragment,
clone 198g6, reverse read cpg198g6.rt1a.//0.98:121:67//Z60280
F-PLACE1007544//Mus musculus chromosome 14 marker um-m24 GA dinucleotide DNA sequence.//2.3e-10:
141:75//U31508
30 F-PLACE1007547//Homo sapiens mRNA for KIAA0661 protein, complete cds.//3.1e-69:733:71//AB014561
F-PLACE1007557//Drosophila yakuba mitochondrial DNA molecule.//0.022:393:61//X03240
F-PLACE1007583//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 545L17, WORKING
DRAFT SEQUENCE.//3.6e-114:565:97//AL031665
F-PLACE1007598//CIT-HSP-2371G14.TF CIT-HSP Homo sapiens genomic clone 2371G14, genomic survey se-
35 quence.//2.0e-22:304:70//AQ111183
F-PLACE1007618//Homo sapiens chromosome 17, clone hRPK.642_C_21, complete sequence.//1.0:386:59//
AC005245
F-PLACE1007621
F-PLACE1007632//Homo sapiens 12p13.3 PAC RPCI5-940J5 (Roswell Park Cancer Institute Human PAC Library)
40 complete sequence.//1.0e-88:276:96//AC006064
F-PLACE1007645//Bovine elastin mRNA, partial cds.//2.1e-07:110:79//M26132
F-PLACE1007649
F-PLACE1007677//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 968D22, WORKING
DRAFT SEQUENCE.//1.2e-21:567:64//AL023755
45 F-PLACE1007688//Pseudorabies virus immediate-early gene.//2.2e-05:287:66//X15120
F-PLACE1007690//Caenorhabditis elegans cosmid R07G3.//0.40:122:70//U23452
F-PLACE1007697//Mus musculus LIM/homeobox (Lhx3) gene fragment.//0.85:117:71//L40483
F-PLACE1007705//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 460J8, WORKING
DRAFT SEQUENCE.//0.0035:75:88//AL031662
50 F-PLACE1007706//Homo sapiens metalloprotease 1 (MP1) mRNA, complete cds.//1.3e-147:709:97//AF061243
F-PLACE1007725//Arabidopsis thaliana genomic DNA, chromosome 5, P1 clone: MBB18, complete sequence.//
1.0:510:58//AB005231
F-PLACE1007729//Human endogenous retrovirus HML6 proviral clone HML6p, putative leader region, gag, pro
and pol pseudogenes.//4.8e-136:516:89//U86698
55 F-PLACE1007730//Homo sapiens mRNA for KIAA0685 protein, complete cds.//7.9e-155:728:98//AB014585
F-PLACE1007737//Homo sapiens clone DJ0847O08, WORKING DRAFT SEQUENCE, 3 unordered pieces.//5.8e-
22:806:60//AC005484
F-PLACE1007743//Plasmodium falciparum 3D7 chromosome 12 PFYAC1383 genomic sequence, WORKING

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DRAFT SEQUENCE, 3 unordered pieces.//1.1e-06:510:56//AC005504
 F-PLACE1007746//HS_2268_B1_G10_MF CIT Approved Human Genomic Sperm Library D Homo sapiens genomic clone Plate=2268 Col=19 Row=N, genomic survey sequence.//0.10:171:63//AQ124780
 F-PLACE1007791//Plasmodium falciparum DNA *** SEQUENCING IN PROGRESS *** from MAL1P6, WORKING DRAFT SEQUENCE.//0.63:241:58//AL031749
 5 F-PLACE1007807//Homo sapiens chromosome 17, clone.hRPK.879_D_6, complete sequence.//1.0e-120:743:87//AC005273
 F-PLACE1007810//Homo sapiens Xp22 BAC GS-607H18 (Genome Systems Human BAC library) complete sequence.//1.0e-113:739:86//AC003658
 10 F-PLACE1007829//CIT-HSP-2383J22.TR CIT-HSP Homo sapiens genomic clone 2383J22, genomic survey sequence.//1.0e-47:254:97//AQ196438
 F-PLACE1007843//F.rubripes GSS sequence, clone 162K02bC12, genomic survey sequence.//1.6e-10:148:72//AL006903
 F-PLACE1007846//Homo sapiens genomic DNA, chromosome 21q22.2 (Down Syndrome region), segment 3/15, WORKING DRAFT SEQUENCE.//3.4e-177:844:98//AP000010
 15 F-PLACE1007852//Mouse perlecan mRNA, complete cds.//8.5e-39:243:90//M77174
 F-PLACE1007858//Homo sapiens mRNA for KIAA0766 protein, complete cds.//3.9e-189:894:98//AB018309
 F-PLACE1007866//CIT-HSP-2353D11.TF.1 CIT-HSP Homo sapiens genomic clone 2353D11, genomic survey sequence.//0.015:279:61//AQ263271
 20 F-PLACE1007877
 F-PLACE1007897
 F-PLACE1007908//Homo sapiens mRNA, chromosome 1 specific transcript KIAA0487.//2.3e-154:755:97//AB007956
 F-PLACE1007946//Human chromosome Y cosmid 56B5 genomic sequence, WORKING DRAFT SEQUENCE.//1.1e-59:310:81//AC003097
 25 F-PLACE1007954//Homo sapiens BAC clone NH0414C23 from Y, complete sequence.//2.1e-61:522:79//AC006157
 F-PLACE1007955//Homo sapiens cyclin-D binding Myb-like protein mRNA, complete cds.//2.7e-171:813:98//AF084530
 30 F-PLACE1007958//Homo sapiens cAMP-specific phosphodiesterase 8B (PDE8B) mRNA, partial cds.//2.5e-153:730:98//AF079529
 F-PLACE1007969//Mus musculus myelin gene expression factor (MEF-2) mRNA, partial cds.//3.4e-32:383:74//U13262
 F-PLACE1007990//H.sapiens genomic DNA fragment (clone J31A212R) //6.6e-35:198:96//Z94758
 35 F-PLACE1008000//Mus musculus veli 3 mRNA, complete cds.//1.5e-118:706:88//AF087695
 F-PLACE1008002//Homo sapiens clone DJ0613C23, WORKING DRAFT SEQUENCE, 4 unordered pieces.//6.4e-163:786:98//AC005628
 F-PLACE1008044//Rattus norvegicus nuclear pore complex protein NUP107 mRNA, complete cds.//1.2e-95:625:84//L31840
 40 F-PLACE1008045//Caenorhabditis elegans cosmid F17C8, complete sequence.//0.016:165:65//Z35719
 F-PLACE1008080//Human DNA sequence from cosmid L118G10, Huntington's Disease Region, chromosome 4p16.3.//4.0e-07:251:64//Z68883
 F-PLACE1008095//RPCI11-21F19.TP RPCI-11 Homo sapiens genomic clone RPCI-11-21F19, genomic survey sequence.//1.5e-30:166:99//B85883
 45 F-PLACE1008111//Aphidius picipes NADH dehydrogenase, 1 gene, mitochondrial gene encoding mitochondrial protein, partial cds.//7.5e-06:414:60//AF069163
 F-PLACE1008122//S.cerevisiae chromosome XV reading frame ORF YOL125w.//0.046:477:59//Z74867
 F-PLACE1008129//Human Chromosome 15q26.1 PAC clone pDJ290i21 containing fur, fes, and alpha mannosidase IIx genes, WORKING DRAFT SEQUENCE, 9 unordered pieces.//0.0068:446:57//AC004586
 50 F-PLACE1008132//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 316D5, WORKING DRAFT SEQUENCE.//3.6e-20:111:93//Z82199
 F-PLACE1008177//Mouse mRNA for meiosis-specific nuclear structural protein 1 (MNS1), complete cds.//2.5e-88:866:73//D14849
 F-PLACE1008181//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 159A1, WORKING DRAFT SEQUENCE.//0.0033:727:56//AL034397
 55 F-PLACE1008198//HS_3073_A1_C06_MR CIT Approved Human Genomic Sperm Library D Homo sapiens genomic clone Plate=3073 Col=11 Row=E, genomic survey sequence.//2.3e-12:94:92//AQ171450
 F-PLACE1008201//Homo sapiens clone RG140B11, WORKING DRAFT SEQUENCE, 1 unordered pieces.//2.5e-

162:791:97//AC005069
 F-PLACE1008209
 F-PLACE1008231//Mouse testis-specific protein mRNA, complete cds.//0.65:174:66//M26332
 5 F-PLACE1008244//CIT-HSP-2337B4.TR CIT-HSP Homo sapiens genomic clone 2337B4, genomic survey sequence.//6.7e-28:165:95//AQ039317
 F-PLACE1008273//B.primigenius mRNA for coat protein gamma-cop.//2.8e-71:709:71//X92987
 F-PLACE1008275//D.discoideum actin A-13 gene, 5' flank.//0.12:131:64//M29123
 F-PLACE1008280//Homo sapiens Xp22-175-176 BAC GSHB-484O17 (Genome Systems Human BAC Library) complete sequence.//0.011:96:73//AC005913
 10 F-PLACE1008309//Rattus norvegicus putative four repeat ion channel mRNA, complete cds.//8.2e-86:672:77//AF078779
 F-PLACE1008329//HS_2027_A1_C06_T7 CIT Approved Human Genomic Sperm Library D Homo sapiens genomic clone Plate=2027 Col=11 Row=E, genomic survey sequence.//8.7e-09:116:81//AQ244432
 F-PLACE1008330//Homo sapiens chromosome 19, cosmid F21431, complete sequence.//2.2e-141:670:98//AC005176
 15 F-PLACE1008331//Homo sapiens clone DJ241P17, WORKING DRAFT SEQUENCE, 7 unordered pieces.//2.1e-27:157:78//AC005000
 F-PLACE1008356//Homo sapiens mRNA for KIAA0679 protein, partial cds.//1.1e-137:659:98//AB014579
 F-PLACE1008368//CIT-HSP-2311C9.TR CIT-HSP Homo sapiens genomic clone 2311C9, genomic survey sequence.//7.1e-08:398:60//AQ016352
 20 F-PLACE1008369//HS_2251_B1_A02_MF CIT Approved Human Genomic Sperm Library D Homo sapiens genomic clone Plate=2251 Col=3 Row=B, genomic survey sequence.//2.1e-35:217:93//AQ066512
 F-PLACE1008392//Homo sapiens chromosome 17, clone hRPK.136_H_19, complete sequence.//1.4e-11:403:64//AC005856
 25 F-PLACE1008398//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 215D11, WORKING DRAFT SEQUENCE.//3.7e-144:681:99//AL034417
 F-PLACE1008401//*** SEQUENCING IN PROGRESS *** Homo sapiens chromosome 4, BAC clone C0366H07; HTGS phase 1, WORKING DRAFT SEQUENCE, 28 unordered pieces.//2.8e-45:257:96//AC004604
 F-PLACE1008402//Homo sapiens mRNA for p115, complete cds.//4.3e-148:711:98//D86326
 30 F-PLACE1008405//Plasmodium falciparum 3D7 chromosome 12, PFYAC69 genomic sequence, WORKING DRAFT SEQUENCE, 4 unordered pieces.//0.089:672:56//AC004688
 F-PLACE1008424
 F-PLACE1008426//Homo sapiens genomic DNA of 8p21.3-p22 anti-oncogene of hepatocellular colorectal and non-small cell lung cancer, segment 7/11.//1.0e-88:331:84//AB020864
 35 F-PLACE1008429//Chromosome 22q13 BAC Clone CIT987SK-384D8 complete sequence.//0.55:530:58//U62317
 F-PLACE1008437//CIT-HSP-2376H4.TR CIT-HSP Homo sapiens genomic clone 2376H4, genomic survey sequence.//3.3e-78:349:94//AQ112479
 F-PLACE1008455//HS_2064_B1_E09_MR CIT Approved Human Genomic Sperm Library D Homo sapiens genomic clone Plate=2064 Col=17 Row=J, genomic survey sequence.//4.7e-59:471:81//AQ246589
 40 F-PLACE1008457//Homo sapiens chromosome 17, Neurofibromatosis 1 locus, complete sequence.//8.9e-43:307:73//AC004526
 F-PLACE1008465//CIT-HSP-2163F24.TR CIT-HSP Homo sapiens genomic clone 2163F24, genomic survey sequence.//8.9e-41:210:99//B90014
 45 F-PLACE1008488//Mus musculus mRNA for testis-specific protein kinase 1, complete cds.//0.00013:516:58//AB003494
 F-PLACE1008524//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 34B21, WORKING DRAFT SEQUENCE.//1.3e-161:778:98//AL031778
 F-PLACE1008531//Homo sapiens wbscr1 (WBSCR1) and replication factor C subunit 2 (RFC2) genes, complete cds.//1.1e-78:191:100//AF045555
 50 F-PLACE1008532//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 92N15, WORKING DRAFT SEQUENCE.//3.8e-24:257:70//Z93097
 F-PLACE1008533//Homo sapiens PAC clone DJ130H16 from 22q12.1-qter, complete sequence.//1.0e-13:215:71//AC004997
 55 F-PLACE1008568//Human DNA sequence from PAC 388N15 on chromosome Xq21.1.//0.66:263:64//Z99571
 F-PLACE1008584//Homo sapiens cosmid clone U39B3 from Xp22.1-22.2, complete sequence.//1.1e-19:315:68//U73023
 F-PLACE1008603//Homo sapiens mRNA for KIAA0791 protein, complete cds.//1.2e-173:812:98//AB018334

- F-PLACE1008621//Homo sapiens clone RG228D17, WORKING DRAFT SEQUENCE, 2 unordered pieces //3.9e-09:198:71//AC005077
- F-PLACE1008625//Homo sapiens chromosome 5, PAC clone 45L14 (LBNL H91), complete sequence //0.68:568:59//AC005373
- 5 F-PLACE1008626//HS_3221_A2_F03_T7 CIT Approved Human Genomic Sperm Library D Homo sapiens genomic clone Plate=3221 Col=6 Row=K, genomic survey sequence //1.7e-13:147:82//AQ180967
- F-PLACE1008627//Cricetulus griseus mRNA for Zn finger factor //9.7e-98:586:88//Y12836
- F-PLACE1008629//CIT-HSP-2012I4.TR CIT-HSP Homo sapiens genomic clone 2012I4, genomic survey sequence //0.00085:203:66//B53732
- 10 F-PLACE1008630//Sequence 26 from Patent WO9517522 //9.7e-05:97:80//A45356
- F-PLACE1008643//Human mRNA for inter-alpha-trypsin inhibitor family heavy chain-related protein (IHRP), complete cds //1.4e-23 :299:64//D38595
- F-PLACE1008650//Homo sapiens pleiotropic regulator 1 (PLRG1) mRNA, complete cds //1.1e-133:622:99//AF044333
- 15 F-PLACE1008693//CIT-HSP-2346F2.TF CIT-HSP Homo sapiens genomic clone 2346F2, genomic survey sequence //0.24:89:76//AQ060732
- F-PLACE1008696//Homo sapiens NADH dehydrogenase-ubiquinone Fe-S protein 8 23 kDa subunit (NDUFS8) gene, nuclear gene encoding mitochondrial protein, complete cds //1.4e-94:420:97//AF038406
- F-PLACE1008715//CIT-HSP-2294K20.TR CIT-HSP Homo sapiens genomic clone 2294K20, genomic survey sequence //2.1e-70:349:98//AQ007199
- 20 F-PLACE1008748//Arabidopsis thaliana chromosome I BAC T14N5 genomic sequence, complete sequence //0.14:347:59//AC004260
- F-PLACE1008757//Homo sapiens Xp22 BAC GSHB 526D21 (Genome Systems Human BAC library) complete sequence //7.9e-25 :244:71//AC003037
- 25 F-PLACE1008790//Homo sapiens importin alpha 7 subunit mRNA, complete cds //4.5e-120:503:97//AF060543
- F-PLACE1008798//Human Chromosome 16 BAC clone CIT987SK-A-270G1, complete sequence //0.00026:370:61//AF001549
- F-PLACE1008807//CIT-HSP-2334B19.TF CIT-HSP Homo sapiens genomic clone 2334B19, genomic survey sequence //3.3e-08:220:65//AQ036643
- 30 F-PLACE1008808//Homo sapiens exonuclease homolog RAD1 (RAD1) mRNA, complete cds //1.7e-120:470:97//AF030933
- F-PLACE1008813//Rattus norvegicus rsec15 mRNA, complete cds //2.8e-87:504:89//AF032668
- F-PLACE1008851//Homo sapiens DNA sequence from PAC 163M9 on chromosome 1p35.1-p36.21. Contains protein synthesis factor (eIF-4C), D1F15S1A pseudogene, ESTs, STS, GSS, complete sequence //4.0e-21:212:74//AL021920
- 35 F-PLACE1008854
- F-PLACE1008867//Human DNA sequence from clone J428A131, WORKING DRAFT SEQUENCE //4.7e-77:477:84//Z82209
- F-PLACE1008887//Homo sapiens BAC clone NH0335J18 from 2, complete sequence //3.4e-53:699:70//AC005539
- 40 F-PLACE1008902//Mouse G-alpha-13 protein mRNA, complete cds //2.1e-06:164:68//M63660
- F-PLACE1008920//Homo sapiens mRNA for KIAA0765 protein, partial cds //6.4e-158:753:98//AB018308
- F-PLACE1008925//Homo sapiens chromosome 16p11.2 BAC clone CIT987SK-A-180G2, WORKING DRAFT SEQUENCE, 5 unordered pieces //0.00013:400:63//AC002042
- 45 F-PLACE1008934//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 1104E15, WORKING DRAFT SEQUENCE //7.4e-05:145:71//AL022312
- F-PLACE1008941//Human zinc finger protein (ZNF141) mRNA, complete cds //4.3e-41:282:87//L15309
- F-PLACE1008947//Pseudorabies virus with upstream and downstream sequences //5.9e-15:710:60//M34651
- F-PLACE1009020//HS_3051_B1_H01_MR CIT Approved Human Genomic Sperm Library D Homo sapiens genomic clone Plate=3051 Col=1 Row=P, genomic survey sequence //1.9e-21:167:86//AQ253727
- 50 F-PLACE1009027//Human DNA sequence from clone 914P14 on chromosome Xq23 Contains calpain-like protease gene, DCX (doublecortin) ESTs, CA repeat, GSS, complete sequence //4.1e-152:763:97//AL031117
- F-PLACE1009039//HS_2034_A2_F08_T7 CIT Approved Human Genomic Sperm Library D Homo sapiens genomic clone Plate=2034 Col=16 Row=K, genomic survey sequence //0.17:252:59//AQ230137
- 55 F-PLACE1009045//HS_3185_B2_B03_T7 CIT Approved Human Genomic Sperm Library D Homo sapiens genomic clone Plate=3185 Col=6 Row=D, genomic survey sequence //1.9e-34:260:86//AQ172861
- F-PLACE1009048//Pig pituitary glycoprotein hormone alpha subunit gene, 5'flank and exon 1 //4.7e-70:463:80//D00766

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F-PLACE1009050//Homo sapiens 12q13.1 PAC RPCI3-197B17 (Roswell Park Cancer Institute Human PAC li-
brary) complete sequence//0.63:280:61//AC004241

F-PLACE1009060//Mus musculus mRNA for Alix (ALG-2-interacting protein X), complete CDS//5.9e-113:725:85//
AJ005073

5 F-PLACE1009090//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 1045J21, WORKING
DRAFT SEQUENCE//9.1e-27:222:84//AL021919

F-PLACE1009091//Homo sapiens clone DJ0968116, complete sequence//0.027:630:58//AC006016

F-PLACE1009094

F-PLACE1009099//Mouse zinc finger protein (mkr4) mRNA, partial cds//2.1e-85:726:76//M36515

10 F-PLACE1009110

F-PLACE1009111//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 138B7, WORKING
DRAFT SEQUENCE//6.0e-12:362:64//Z98752

F-PLACE1009113//Homo sapiens X-ray repair cross-complementing protein 3 (XRCC3) mRNA, complete cds//
3.4e-138:671:97//AF035586

15 F-PLACE1009130//Human mRNA for KIAA0032 gene, complete cds//3.6e-23:718:59//D25215

F-PLACE1009150//Homo sapiens *** SEQUENCING IN PROGRESS *** WORKING DRAFT SEQUENCE//6.1e-
142:684:98//AJ011929

F-PLACE1009155//Homo sapiens genomic DNA, chromosome 21q11.1, segment 2/28, WORKING DRAFT SE-
QUENCE//4.3e-36:227:77//AP000031

20 F-PLACE1009158//H.sapiens genomic sequence for ERCC2 gene 3'region involved in DNA excision repair//1.0:
173:60//X52222

F-PLACE1009166

F-PLACE1009172//Human BAC clone 7E17 from 12q, complete sequence//4.0e-35:257:85//AC002070

F-PLACE1009174//Homo sapiens Xp22 bins 16-17 BAC GSHB-531117 (Genome Systems Human BAC Library)
complete sequence//2.9e-19:288:72//AC004805

25 F-PLACE1009183//Arabidopsis thaliana genomic DNA, chromosome 5, P1 clone: MHJ24, complete sequence//
0.053:388:60//AB008266

F-PLACE1009186//Rattus norvegicus fracture callus 1 (FxC1) mRNA, complete cds//1.8e-50:317:89//AF061242

F-PLACE1009190//RPCI11-81N5.TJ RPCI11 Homo sapiens genomic clone R-81N5, genomic survey sequence//
0.91:114:67//AQ281881

30 F-PLACE1009200//CITBI-E1-2509J16.TF CITBI-E1 Homo sapiens genomic clone 2509J16, genomic survey se-
quence//2.8e-44:175:83//AQ262198

F-PLACE1009230//H.sapiens gene for pregnancy specific beta-1 glycoprotein//1.1e-106:495:88//X63203

F-PLACE1009246//HS_3058_B1_A06_MF CIT Approved Human Genomic Sperm Library D Homo sapiens ge-
nomic clone Plate=3058 Col=11 Row=B, genomic survey sequence//0.10:175:68//AQ185945

35 F-PLACE1009298//Mus musculus maternal-embryonic 3 (Mem3) mRNA, complete cds//1.8e-94:575:89//U47024

F-PLACE1009308//Human clone mcag32 chromosome 7 CTG repeat region//0.0017:350:62//U23862

F-PLACE1009319//Homo sapiens post-synaptic density protein 95 (PSD95) mRNA, complete cds//3.0e-06:411:
59//U83192

40 F-PLACE1009328//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 191P20, WORKING
DRAFT SEQUENCE//5.7e-138:830:86//AL034399

F-PLACE1009335//Human (lambda).DNA for immunoglobulin light chain//0.071:253:62//D87015

F-PLACE1009338//RPCI11-74N24 TV RPCI11 Homo sapiens genomic clone R-74N24, genomic survey se-
quence//2.4e-34:180:100//AQ268811

45 F-PLACE1009368

F-PLACE1009375

F-PLACE1009388//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 1014D13, WORKING
DRAFT SEQUENCE//2.0e-37:288:84//AL022311

F-PLACE1009398//Human DNA binding protein (HPF2) mRNA, complete cds//4.3e-78:730:74//M27878

50 F-PLACE1009404//SmD homolog [mice, liver, mRNA Partial, 199 nt]//0.16:95:71//S71494

F-PLACE1009410//Homo sapiens chromosome 17, clone hRPK.142_H_19, complete sequence//1.6e-150:701:
99//AC005919

F-PLACE1009434//Mus musculus clone OST431, genomic survey sequence//2.9e-73:442:88//AF046700

F-PLACE1009443//Mycobacterium tuberculosis H37Rv complete genome; segment 148/162//0.012:582:56//
AL022022

55 F-PLACE1009444//Homo sapiens phosphatidylinositol 4-kinase 230 (pi4K230) mRNA, complete cds//4.6e-21:
146:93//AF012872

F-PLACE1009459//Mus musculus clone OST9217, genomic survey sequence//2.9e-31:264:81//AF046660

F-PLACE1009468//Sequence 1 from patent US 5580968//1.9e-83:567:84//I30536
 F-PLACE1009476//Homo sapiens Chromosome 16 BAC clone CIT987SK-A-67A1, complete sequence//1.9e-142:704:97//AC004531
 F-PLACE1009477//Human 11p14.3 PAC clone pDJ939m16, complete sequence//2.2e-09:235:68//AC004601
 5 F-PLACE1009493//Human Chromosome 16 BAC clone CIT987SK-A-363E6, complete sequence//2.9e-83:171:92//U91321
 F-PLACE1009524//Homo sapiens DNA sequence from PAC 63G5 on chromosome 22q12.3-13.1. Contains part of a gene for a human SEC7 homolog B2-1 (cytohesin-2, Arno, ARF exchange factor) LIKE protein, an unknown gene and a gene coding for a Leucine rich protein. Contains ESTs, STSs and GSSs, complete sequence//3.8e-69:175:92//Z94160
 10 F-PLACE1009539//Mus musculus synaptojanin 2 isoform alpha mRNA, complete cds//7.0e-26:237:78//AF041862
 F-PLACE1009542//Human DNA sequence from clone 1039K5 on chromosome 22q12.3-13.2 Contains gene similar to PICK1 perinuclear binding protein, gene similar to monocarboxylate transporter (MCT3), ESTs, STS, GSS and a CpG island, complete sequence//3.1e-10:126:79//AL031587
 15 F-PLACE1009571//RPC111-60K12.TK RPC111 Homo sapiens genomic clone R-60K12, genomic survey sequence//1.4e-05:68:91//AQ195869
 F-PLACE1009581
 F-PLACE1009595//Homo sapiens chromosome 5, P1 clone 1029A7 (LBNL H15), complete sequence//6.6e-19:309:70//AC003959
 20 F-PLACE1009596//Rattus norvegicus platelet-activating factor acetylhydrolase beta subunit (PAF-AH beta) gene, complete cds//9.0e-09:485:59//AF016049
 F-PLACE1009607//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 409J21, WORKING DRAFT SEQUENCE//4.9e-43:714:66//Z83824
 25 F-PLACE1009613//Plasmodium falciparum 3D7 chromosome 12 PFYAC293 genomic sequence, WORKING DRAFT SEQUENCE, 9 unordered pieces//0.017:655:57//AC004157
 F-PLACE1009621
 F-PLACE1009622//HS-1016-B2-E08-MF.abi CIT Human Genomic.Sperm Library C Homo sapiens genomic clone Plate=CT 791 Col=16 Row=J, genomic survey sequence//2.7e-15:100:98//B33248
 30 F-PLACE1009637//Plasmodium falciparum 3D7 chromosome 12 PFYAC492 genomic sequence, WORKING DRAFT SEQUENCE, 5 unordered pieces//0.63:130:67//AC005308
 F-PLACE1009639//S.pombe chromosome II cosmid c24E9//0.86:509:58//AL021816
 F-PLACE1009659//Homo sapiens mRNA for KIAA0587 protein, complete cds//1.4e-171:816:98//AB011159
 F-PLACE1009665//Homo sapiens chromosome 17, clone HCIT462L7, complete sequence//3.4e-67:437:87//AC005177
 35 F-PLACE1009670//Homo sapiens genethonin 1 mRNA, complete cds//2.5e-147:701:98//AF062534
 F-PLACE1009708//Homo sapiens clone DJ0935K16, complete sequence//1.5e-98:228:100//AC006011
 F-PLACE1009721//Human Cosmid g0771a222 from 7q31.3, complete sequence//2.2e-130:736:91//AC000109
 F-PLACE1009731//M.musculus mRNA for immunity associated protein 38//1.1e-13:311:64//Y08026
 40 F-PLACE1009763//Homo sapiens UBA3 (UBA3) mRNA, complete cds//4.2e-125:602:98//AF046024
 F-PLACE1009794
 F-PLACE1009798//Hnman DNA sequence from clone 1189B24 on chromosome Xq25-26.3. Contains NADH-Ubiquinone Oxidoreductase MLRQ subunit (EC 1.6.5.3, EC 1.6.99.3 CI-MLRQ), Tubulin Beta and Proto-oncogene Tyrosine-protein Kinase FER (EC 2.7.1.112, P94-FER, C-FER, TYK3) pseudogenes, and part of a novel gene similar to hypothetical proteins S. pombe C22F3.14C and C. elegans C16A3.8. Contains ESTs, an STS and GSSs, complete sequence//1.3e-73:271:84//AL030996
 45 F-PLACE1009845
 F-PLACE1009861//B.tauris cathepsin B mRNA, 3' end//0.00023:147:65//M64620
 F-PLACE1009879//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 159A1, WORKING DRAFT SEQUENCE//4.9e-27:725:63//AL034397
 50 F-PLACE1009886//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 167A19, WORKING DRAFT SEQUENCE//8.2e-12:135:82//AL031427
 F-PLACE1009888//F14G3-T7 IGF Arabidopsis thaliana genomic clone F14G3, genomic survey sequence//0.0044:232:60//AQ251431
 55 F-PLACE1009908//S.pombe chromosome I cosmid c3F10//1.5e-19:559:59//Z69369
 F-PLACE1009921//Homo sapiens cosmid clone HDAB (1S149) insert DNA, complete cosmid//5.9e-48:304:87//M63005
 F-PLACE1009924//Homo sapiens chromosome 16p11.2 BAC clone CIT987SK-2011O4, WORKING DRAFT SE-

- QUENCE, 4 unordered pieces //2.4e-51:481:78//AC004529
 F-PLACE1009925//nbxb0027C22r CUGI Rice BAC Library Oryza sativa genomic clone nbxb0027C22r, genomic survey sequence //0.98:220:67//AQ272066
 F-PLACE1009935//Sequence 16 from patent US 5552281 //0.030:152:67//I25655
 5 F-PLACE1009947//Homo sapiens clone GS096J14, WORKING DRAFT SEQUENCE, 3 unordered pieces //2.6e-12:322:67//AC006026
 F-PLACE1009971
 F-PLACE1009992//HS_3178_B1_F04_T7 CIT Approved Human Genomic Sperm Library D Homo sapiens genomic clone Plate=3178 Col=7 Row=L, genomic survey sequence //4.9e-23:142:95//AQ150311
 10 F-PLACE1009995//Caenorhabditis elegans cosmid C01A2, complete sequence //0.00019:231:64//Z81029
 F-PLACE1009997//Rattus norvegicus A-kinase anchoring protein AKAP 220 mRNA, complete cds //7.9e-87:552:80//U48288
 F-PLACE1010023
 F-PLACE1010031//Human DNA sequence from clone 30M3 on chromosome 6p22.1-22.3. Contains three novel genes, one similar to C. elegans Y63D3A.4 and one similar to (predicted) plant, worm, yeast and archaea bacterial genes, and the first exon of the KIAA0319 gene. Contains ESTs, GSSs and putative CpG islands, complete sequence //6.9e-101:181:98//AL031775
 15 F-PLACE1010053//M.musculus Spnr mRNA for RNA binding protein //2.3e-136:689:95//X84692
 F-PLACE1010069//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 212A2, WORKING DRAFT SEQUENCE //0.0090:383:60//Z95114
 20 F-PLACE1010074//Homo sapiens sorting nexin 2 (SNX2) mRNA, complete cds //1.8e-166:792:98//AF065482
 F-PLACE1010076//Mouse mRNA for TGF-beta type I receptor, complete cds //7.5e-13:203:77//D25540
 F-PLACE1010083//Homo sapiens mRNA for KIAA0456 protein, partial cds //3.0e-152:727:98//AB007925
 F-PLACE1010089//HS_3111_A1_E08_T7 CIT Approved Human Genomic Sperm Library D Homo sapiens genomic clone Plate=3111 Col=15 Row=I, genomic survey sequence //4.8e-07:124:78//AQ101268
 25 F-PLACE1010096//R.norvegicus mRNA for 100 kDa protein //1.2e-108:700:85//X64411
 F-PLACE1010102//Plasmodium falciparum 3D7 chromosome 12 PFYAC357 genomic sequence, WORKING DRAFT SEQUENCE, 7 unordered pieces //2.1e-07:476:60//AC005506
 F-PLACE1010105//Homo sapiens actin binding protein MAYVEN mRNA, complete cds //3.8e-25:728:60//AF059569
 30 F-PLACE1010106//Human DNA sequence from PAC 127B14 on chromosome Xq22 //6.5e-25:488:63//Z93928
 F-PLACE1010134//S.pombe chromosome I cosmid c29B12 //1.9e-13:238:67//Z99164
 F-PLACE1010148//Homo sapiens partial human cDNA (660 bp) //4.8e-83:409:98//AJ222636
 F-PLACE1010152//CIT-HSP-2381F24.TF CIT-HSP Homo sapiens genomic clone 2381F24, genomic survey sequence //1.5e-28:163:98//AQ196757
 35 F-PLACE1010181//Homo sapiens PAC clone DJ1139I01 from Xq23, complete sequence //2.4e-15:197:72//AC004973
 F-PLACE1010194//Ictalurus punctatus tumor suppressor p53 mRNA, complete cds //3.0e-14:181:74//AF074967
 F-PLACE1010202//Homo sapiens mRNA for MBNL protein //1.2e-27:509:66//Y13829
 40 F-PLACE1010231//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 287G14, WORKING DRAFT SEQUENCE //2.3e-101:194:95//AL033377
 F-PLACE1010261//Homo sapiens mRNA for KIAA0448 protein, complete cds //5.8e-145:693:97//AB007917
 F-PLACE1010270//Plasmodium falciparum 3D7 chromosome 12 PFYAC588 genomic sequence; WORKING DRAFT SEQUENCE, 2 unordered pieces //2.1e-05:347:60//AC004710
 45 F-PLACE1010274//Caenorhabditis elegans cosmid C01A2, complete sequence //0.00040:231:64//Z81029
 F-PLACE1010293//Homo sapiens chromosome 2 PAC RPC13-417E16 (Roswell Park Cancer Institute Human PAC library) complete sequence //6.5e-25:344:70//AC004464
 F-PLACE1010310//Homo sapiens DNA sequence from PAC 329E20 on chromosome 1p34.4-36.13. Contains endothelin-converting-enzyme 1 (ECE-1), EST, STS, CA repeat, complete sequence //3.5e-10:185:67//AL031005
 50 F-PLACE1010321//Human DNA sequence from clone 299D3 on chromosome 22q13.3, complete sequence //0.010:524:58//Z84468
 F-PLACE1010324//CIT-HSP-2335J21.TR CIT-HSP Homo sapiens genomic clone 2335J21, genomic survey sequence //9.1e-90:448:97//AQ041837
 F-PLACE1010329//Apis mellifera ligustica complete mitochondrial genome //2.8e-08:384:64//L06178
 55 F-PLACE1010341//HS-1047-A2-C04-MR.abi CIT Human Genomic Sperm Library C Homo sapiens genomic clone Plate=CT 830 Col=8 Row=E, genomic survey sequence //4.1e-21:141:92//B38252
 F-PLACE1010362//Mycobacterium tuberculosis H37Rv complete genome; segment 155/162 //0.94:398:57//AL022121

F-PLACE1010364//Caenorhabditis elegans DNA *** SEQUENCING IN PROGRESS *** from clone Y102G3,
 WORKING DRAFT SEQUENCE.//0.11:404:56//AL020985
 F-PLACE1010383//Homo sapiens chromosome 17, clone hCIT.186_H_2, complete sequence.//0.066:88:76//
 AC004675
 5 F-PLACE1010401//CIT-HSP-2367K17.TR CIT-HSP Homo sapiens genomic clone 2367K17, genomic survey se-
 quence.//2.4e-71:454:88//AQ076825
 F-PLACE1010481//Bos taurus C5-glucuronyl epimerase mRNA, partial cds.//7.5e-134:722:93//AF003927
 F-PLACE1010491//Homo sapiens Cre binding protein-like 2 mRNA, complete cds.//2.2e-150:702:99//AF039081
 F-PLACE1010492
 10 F-PLACE1010522//Homo sapiens cosmid LM1937 from Xq28.//0.022:405:60//U82695
 F-PLACE1010529//Sequence 1 from patent US 5776717.//2.9e-145:684:98//AR016417
 F-PLACE1010547//Human DNA sequence from clone 790B6 on chromosome 20p11.22-12.2. Contains STSs and
 GSSs, complete sequence.//1.0:283:61//AL031677
 F-PLACE1010562//RPC111-65I16.TK RPC111 Homo sapiens genomic clone R-65I16, genomic survey sequence.//
 15 0.017:216:67//AQ200831
 F-PLACE1010579//Homo sapiens full-length insert cDNA YI23D12.//3.9e-19:147:89//AF075014
 F-PLACE1010580//Mouse RNA helicase and RNA-dependent ATPase from the DEAD box family mRNA, complete
 cds.//6.4e-96:559:89//L25125
 F-PLACE1010599//Homo sapiens peroxisomal membrane anchor protein HsPex14p (PEX14) mRNA, complete
 20 cds.//3.1e-146:707:97//AF045186
 F-PLACE1010616//Plasmodium falciparum 3D7 chromosome 12:PFYAC492 genomic sequence, WORKING
 DRAFT SEQUENCE, 5 unordered pieces.//0.045:454:59//AC005308
 F-PLACE1010622//Plasmodium falciparum MAL3P2, complete sequence.//9.1e-07:378:60//AL034558
 F-PLACE1010624//Streptomyces coelicolor cosmid 5A7.//1.4e-05:518:61//AL031107
 25 F-PLACE1010628//Homo sapiens clone DJ0647C14, WORKING DRAFT SEQUENCE, 21 unordered pieces.//
 5.0e-137:675:97//AC004846
 F-PLACE1010629//Homo sapiens Chromosome 16 BAC clone CIT987SK-A-259H10, complete sequence.//2.5e-
 17:187:80//AC004682
 F-PLACE1010630//Arabidopsis thaliana genomic DNA, chromosome 5, TAC clone: K21P3, complete sequence.//
 30 0.21:159:64//AB016872
 F-PLACE1010631//Homo sapiens clone RG140B11, WORKING DRAFT SEQUENCE, 1 unordered pieces.//1.2e-
 144:720:97//AC005069
 F-PLACE1010661
 F-PLACE1010662//Arabidopsis thaliana DNA chromosome 4, BAC clone F7J7 (ESSA project).//0.90:257:61//
 35 AL021960
 F-PLACE1010702//Human repressor transcriptional factor (ZNF85) mRNA, complete cds.//3.3e-73:697:74//
 U35376
 F-PLACE1010714//Human Chromosome 15q11-q13 PAC clone pDJ778a2, complete sequence.//0.010:447:59//
 AC004583
 40 F-PLACE1010720//Mouse TPA-induced TIS11 mRNA.//2.0e-86:535:88//X14678
 F-PLACE1010739//HS_2013_B2_B10_MR CIT Approved Human Genomic Sperm Library D Homo sapiens ge-
 nomic clone Plate=2013 Col=20 Row=D, genomic survey sequence.//5.7e-87:435:97//AQ235864
 F-PLACE1010743//R.norvegicus mRNA for myr5.//1.7e-87:582:85//X77609
 F-PLACE1010761//Homo sapiens chromosome 17, clone hRPK294_J_22, complete sequence.//4.7e-45:235:
 45 99//AC005921
 F-PLACE1010771//M.musculus HCNGP mRNA.//1.6e-135:801:88//X68061
 F-PLACE1010786//Plasmodium falciparum DNA *** SEQUENCING IN PROGRESS *** from contig 4-15, complete
 sequence.//0.35:334:60//AL010221
 F-PLACE1010800//RPC111-79H17.TV RPC111 Homo sapiens genomic clone R-79H17, genomic survey se-
 50 quence.//5.8e-18:168:82//AQ284252
 F-PLACE1010802//Human Chromosome X clone bWXD531, complete sequence.//1.6e-30:693:63//AC004384
 F-PLACE1010811//RPC111-51N5.TK RPC111 Homo sapiens genomic clone R-51N5, genomic survey sequence.//
 8.3e-11:142:78//AQ052380
 F-PLACE1010833//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 467K16, WORKING
 55 DRAFT SEQUENCE.//7.3e-40:147:88//AL031283
 F-PLACE1010856//M.musculus mRNA for utrophin.//7.3e-17:150:86//Y12229
 F-PLACE1010857//Homo sapiens genomic DNA of 8p21.3-p22 anti-oncogene of hepatocellular colorectal and
 non-small cell lung cancer, segment 11/11.//1.4e-94:422:95//AB020868

- F-PLACE1010870//M.musculus mRNA for ZT3 zinc finger factor.//1.3e-93:530:90//Z67747
 F-PLACE1010877//Homo sapiens mRNA for KIAA0610 protein, partial cds.//1.1e-147:694:98//AB011182
 F-PLACE1010891
 5 F-PLACE1010896//Mouse BAC mbac20 from 14D1-D2 (T-Cell Receptor Alpha Locus), complete sequence.//3.9e-26:394:68//AC003997
 F-PLACE1010900
 F-PLACE1010916//HS_2242_A1_C04_MF CIT Approved Human Genomic Sperm Library D Homo sapiens genomic clone Plate=2242 Col=7 Row=E, genomic survey sequence.//1.0e-78:391:97//AQ146687
 F-PLACE1010917
 10 F-PLACE1010925//Plasmodium falciparum 3D7 chromosome 12 PFYAC69 genomic sequence, WORKING DRAFT SEQUENCE, 4 unordered pieces.//0.11:629:56//AC004688
 F-PLACE1010926//Homo sapiens mRNA for KIAA0554 protein, partial cds.//9.5e-138:653:98//AB011126
 F-PLACE1010942//Homo sapiens intersectin short form mRNA, complete cds.//5.6e-90:437:98//AF064243
 F-PLACE1010944//Homo sapiens full-length insert cDNA clone ZD38E12.//1.4e-09:208:68//AF086247
 15 F-PLACE1010947
 F-PLACE1010954//CIT-HSP-2283D9.TR CIT-HSP Homo sapiens genomic clone 2283D9, genomic survey sequence.//2.1e-29:190:91//B98965
 F-PLACE1010960//Plasmodium falciparum DNA *** SEQUENCING IN PROGRESS *** from contig 4-52, complete sequence.//0.00074:421:60//AL010226
 20 F-PLACE1010965//CIT-HSP-2386K24.TF.1 CIT-HSP Homo sapiens genomic clone 2386K24, genomic survey sequence.//1.8e-84:412:99//AQ240696
 F-PLACE1011026//Plasmodium falciparum DNA *** SEQUENCING IN PROGRESS *** from contig 3-20, complete sequence.//0.00037:257:64//AL008972
 F-PLACE1011032//Homo sapiens chromosome 5, BAC clone 118L13 (LBNL H176), complete sequence.//3.8e-06:315:65//AC005348
 25 F-PLACE1011041//Human Fas-ligand associated factor 3 mRNA, partial cds.//1.5e-56:286:98//U70669
 F-PLACE1011046//Rat phospholipase C-1 mRNA, complete cds.//1.3e-24:278:76//M20636
 F-PLACE1011054//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 981L23, WORKING DRAFT SEQUENCE.//3.8e-27:196:84//AL031686
 30 F-PLACE1011056//Ovis aries bactinecin 11 (Bac11) gene, exon 4, and complete cds.//5.4e-06:182:67//U77049
 F-PLACE1011057//protein kinase PRK2 [human, DX3 B-cell myeloma cell line, mRNA, 3255 nt]//3.2e-31:169:100//S75548
 F-PLACE1011090//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 998H6, WORKING DRAFT SEQUENCE.//5.1e-80:479:89//AL031687
 35 F-PLACE1011109//Rattus norvegicus nuclear-encoded mitochondrial elongation factor G mRNA, complete cds.//2.3e-24:192:84//L14684
 F-PLACE1011114//S.cerevisiae chromosome XI reading frame ORF YKR024c.//1.4e-14:346:60//Z28249
 F-PLACE1011133//T7E9-T7.1 TAMU Arabidopsis thaliana genomic clone T7E9, genomic survey sequence.//0.010:345:60//B19698
 40 F-PLACE1011143//CIT-HSP-2375J10.TR CIT-HSP Homo sapiens genomic clone 2375J10, genomic survey sequence.//0.00013:95:76//AQ109305
 F-PLACE1011160//Homo sapiens PAC clone DJ0808A01 from 7q21.1-q31.1, complete sequence.//3.7e-111:692:87//AC004893
 F-PLACE1011165//H.sapiens galactokinase (GK2) mRNA, complete cds.//8.4e-31:194:92//M84443
 45 F-PLACE1011185//Homo sapiens Chromosome 16 BAC clone CIT987SK-A-249B10, complete sequence.//3.1e-43:447:72//AC002288
 F-PLACE1011203//Homo sapiens chromosome 18q11 beta-1,4-galactosyltransferase mRNA, complete cds.//3.3e-124:584:99//AF038664
 F-PLACE1011214//HS_2046_A2_B01_MR CIT Approved Human Genomic Sperm Library D Homo sapiens genomic clone Plate=2046 Col=2 Row=C, genomic survey sequence.//2.0e-39:346:81//AQ305965
 50 F-PLACE1011219
 F-PLACE1011221//CITBI-E1-2513F18.TR CITBI-E1 Homo sapiens genomic clone 2513F18, genomic survey sequence.//2.4e-20:119:100//AQ279801
 F-PLACE1011229//Homo sapiens mRNA for KIAA0529 protein, partial cds.//4.4e-146:675:99//AB011101
 55 F-PLACE1011263//Homo sapiens BAC clone GS166A23 from 7p21, complete sequence.//1.7e-42:212:84//AC005014
 F-PLACE1011273//Caenorhabditis elegans DNA *** SEQUENCING IN PROGRESS *** from clone Y37D8, WORKING DRAFT SEQUENCE.//1.0:214:60//Z92819

- F-PLACE1011291//RPCI11-16P9.TP RPCI-11 Homo sapiens genomic clone RPCI-11-16P9, genomic survey sequence.//8.0e-08:66:98//B81770
- F-PLACE1011296//Homo sapiens chromosome 16, cosmid clone 443G8 (LANL), complete sequence.//0.027:135:67//AC004647
- 5 F-PLACE1011310//H.sapiens CpG island DNA genomic MseI fragment, clone 53c10, reverse read cpg53c10.rt1b.//1.4e-05:57:100//Z61496
- F-PLACE1011325//Human immunodeficiency virus type 1 (D9) proviral structural capsid protein (gag) gene, partial cds.//0.077:193:60//L02290
- 10 F-PLACE1011332//Homo sapiens N-acetylglucosamine-phosphate mutase mRNA, complete cds.//3.1e-150:699:99//AF102265
- F-PLACE1011340//Homo sapiens chromosome 17, clone hRPK.388_F_14, complete sequence.//2.4e-38:186:83//AC005375
- F-PLACE1011371//Mus musculus PK-120 precursor (itih-4) mRNA, complete cds.//6.0e-35:689:63//AF023919
- F-PLACE1011375//Mus musculus Kv3.4 gene, exon 4.//6.0e-88:584:86//AJ010310
- 15 F-PLACE1011399//paramecium species 7,325 mt dna dimer: replication init. region.//0.00011:255:63//K00919
- F-PLACE1011419//Homo sapiens chromosome 21 PAC LLNLP704G1150Q13.//0.067:337:62//AJ006996
- F-PLACE1011433//Homo sapiens mRNA for KIAA0530 protein, partial cds.//4.6e-157:743:98//AB011102
- F-PLACE1011452//Homo sapiens *** SEQUENCING IN PROGRESS *** WORKING DRAFT SEQUENCE.//1.1e-53:557:73//AJ011929
- 20 F-PLACE1011465//Homo sapiens Chromosome 16 BAC clone CIT987SK-A-248F7, complete sequence.//3.5e-71:498:80//AC004605
- F-PLACE1011472//Homo sapiens mRNA for KIAA0712 protein, complete cds.//4.8e-151:703:99//AB018255
- F-PLACE1011477//Homo sapiens sorting nexin 2 (SNX2) mRNA, complete cds.//5.2e-145:675:99//AF065482
- F-PLACE1011492//Ray (T.californica) acetylcholine receptor beta-subunit mRNA.//1.0:448:59//J00964
- 25 F-PLACE1011503
- F-PLACE1011520//Homo sapiens clone DJ1119N05, complete sequence.//3.8e-147:692:99//AC004968
- F-PLACE1011563//R.norvegicus mRNA for leucocyte common antigen-related protein (3941 bp).//0.00036:296:61//X83546
- 30 F-PLACE1011567//Homo sapiens PAC clone DJ1164K10 from 7p21-p22, complete sequence.//1.1e-38:315:82//AC004984
- F-PLACE1011576//Homo sapiens hematopoietic cell derived zinc finger protein mRNA, complete cds.//1.3e-65:268:86//AF054180
- F-PLACE1011586//Homo sapiens chromosome 17, clone HRPC890E16, complete sequence.//2.0e-82:188:96//AC004477
- 35 F-PLACE1011635//Homo sapiens chromosome 17, clone hRPK.214_O_1, complete sequence.//1.8e-153:752:97//AC005224
- F-PLACE1011641//Homo sapiens T-cell receptor alpha delta locus from bases 501613 to 752736 (section 3 of 5) of the Complete Nucleotide Sequence.//4.8e-05:190:67//AE000660
- F-PLACE1011643//Alcaligenes eutrophus phaP gene.//0.16:466:59//X85729
- 40 F-PLACE1011646//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 1013A10, WORKING DRAFT SEQUENCE.//9.1e-19:156:76//AL033383
- F-PLACE1011649
- F-PLACE1011650//Homo sapiens retinol dehydrogenase gene, complete cds.//6.4e-09:172:74//AF037062
- F-PLACE1011664//D.melanogaster crn mRNA.//1.1e-52:650:68//X58374
- 45 F-PLACE1011675//Plasmodium falciparum 3D7 chromosome 12 PFYACB8-628 genomic sequence, WORKING DRAFT SEQUENCE, 9 unordered pieces.//0.11:443:58//AC005507
- F-PLACE1011682//Human DNA sequence from clone 342B11 on chromosome 22q12.1-12.3. Contains ESTs and a GSS, complete sequence.//0.31:127:71//AL008719
- F-PLACE1011719//Human BAC clone RG369K23 from 7q31, complete sequence.//4.6e-52:461:77//AC002487
- 50 F-PLACE1011725
- F-PLACE1011729//Human Chromosome 15q11-q13 clone pDJ276c12 from the Prader-Willi/Angelman syndrome region, WORKING DRAFT SEQUENCE, 3 unordered pieces.//0.011:320:62//AC004737
- F-PLACE1011749//Plasmodium falciparum 3D7 chromosome 12 PFYAC293 genomic sequence, WORKING DRAFT SEQUENCE, 9 unordered pieces.//0.00031:544:59//AC004157
- 55 F-PLACE1011762//Homo sapiens BAC clone RG437L15 from 8q21, complete sequence.//2.4e-115:682:90//AC004003
- F-PLACE1011778//RPCI11-22D17.TVB RPCI-11 Homo sapiens genomic clone RPCI-11-22D17, genomic survey sequence.//2.7e-114:611:93//AQ008944

F-PLACE1011783//CIT-HSP-2317N1.TF CIT-HSP Homo sapiens genomic clone 2317N1, genomic survey sequence.//2.3e-17:120:94//AQ042330
 F-PLACE1011858//Gallus domesticus filamin mRNA, complete cds.//4.1e-24:565:64//U00147
 F-PLACE1011874//Homo Sapiens Chromosome X clone bWXD312, complete sequence.//2.5e-141:678:98//AC004478
 5 F-PLACE1011875//Homo sapiens mRNA for KIAA0580 protein, partial cds.//1.6e-108:526:98//AB011152
 F-PLACE1011891//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 439F8, WORKING DRAFT SEQUENCE.//0.0014:330:62//AL021392
 F-PLACE1011896//Mus musculus Wnt10a mRNA, complete cds.//1.4e-89:678:82//U61969
 10 F-PLACE1011922//Caprine arthritis-encephalitis virus envelope glycoprotein (env) gene, partial cds.//0.069:246:61//U81400
 F-PLACE1011923//Homo sapiens serum-inducible kinase mRNA, complete cds.//1.2e-138:664:98//AF059617
 F-PLACE1011962//HS_3212_B2_G12_MR CIT Approved Human Genomic Sperm Library D Homo sapiens genomic clone Plate=3212 Col=24 Row=N, genomic survey sequence.//2.4e-07:154:74//AQ175369
 15 F-PLACE1011964//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 322P7, WORKING DRAFT SEQUENCE.//3.7e-22:369:69//AL023799
 F-PLACE1011982//HS-1041-A1-B01-MR.abi CIT Human Genomic Sperm Library C Homo sapiens genomic clone Plate=CT 823 Col=1 Row=C, genomic survey sequence.//0.44:309:58//B36529
 F-PLACE1011995//Homo sapiens Xq28 BAC RPC111-382P7 (Roswell Park Cancer Institute Human BAC Library) complete sequence.//8.8e-53:687:71//AC006054
 20 F-PLACE1012031//Homo sapiens mRNA for KIAA0713 protein, partial cds.//1.2e-146:690:98//AB018256
 F-PLACE2000003//Homo sapiens chromosome 17, clone hRPK:318_A_15, complete sequence.//1.7e-62:293:88//AC005837
 F-PLACE2000006//Homo sapiens chromosome 12p13.3 clone RPC11-96H9, WORKING DRAFT SEQUENCE, 66 unordered pieces.//1.4e-116:261:91//AC006057
 25 F-PLACE2000007
 F-PLACE2000011//Homo sapiens chromosome 19, cosmid F20887, complete sequence.//5.2e-102:489:99//AC005578
 F-PLACE2000014//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 1111N9, WORKING DRAFT SEQUENCE.//0.0095:307:62//AL022574
 30 F-PLACE2000015//Homo sapiens clone RG140B11, WORKING DRAFT SEQUENCE, 1 unordered pieces.//2.0e-36:316:81//AC005069
 F-PLACE2000017//HS_3042_A1_F08_MR CIT Approved Human Genomic Sperm Library D Homo sapiens genomic clone Plate=3042 Col=15 Row=K, genomic survey sequence.//1.0:184:61//AQ098074
 35 F-PLACE2000021//Homo sapiens TRF1-interacting ankyrin-related ADP-ribose polymerase mRNA, complete cds.//4.6e-84:844:72//AF082556
 F-PLACE2000030//Human Chromosome 11 Cosmid cSRL16b6, complete sequence.//2.3e-22:233:77//U73638
 F-PLACE2000033//C.capitata mRNA for chorion protein s18.//0.0019:342:62//Y08913
 F-PLACE2000034//Rattus norvegicus transmembrane receptor Robo1 mRNA, complete cds.//2.8e-13:335:63//AF041082
 40 F-PLACE2000039//Rattus norvegicus cytoplasmic dynein heavy chain (MAP 1C), mRNA, complete cds.//7.7e-84:489:90//L08505
 F-PLACE2000047//Homo sapiens ccr2b (ccr2), ccr2a (ccr2), ccr5 (ccr5) and ccr6 (ccr6) genes, complete cds, and lactoferrin (lactoferrin) gene, partial cds, complete sequence.//5.0e-28:327:76//U95626
 45 F-PLACE2000050//Homo sapiens chromosome 17, clone HRPC41C23, complete sequence.//1.1e-32:527:68//AC003101
 F-PLACE2000061//CIT-HSP-2346L20.TF CIT-HSP Homo sapiens genomic clone 2346L20, genomic survey sequence.//1.1e-05:89:83//AQ059010
 F-PLACE2000062//Human membrane-associated lectin type-C mRNA.//9.0e-113:662:86//M98457
 50 F-PLACE2000072//Homo sapiens ZNF202 beta (ZNF202) mRNA, complete cds.//2.2e-133:631:98//AF027219
 F-PLACE2000097//Homo sapiens chromosome 12p13.3 clone RPC111-189M20, WORKING DRAFT SEQUENCE, 39 unordered pieces.//1.6e-16:119:93//AC005910
 F-PLACE2000100//HS_3184_A1_D06_T7 CIT Approved Human Genomic Sperm Library D Homo sapiens genomic clone Plate=3184 Col=11 Row=G, genomic survey sequence.//1.5e-80:409:97//AQ150004
 55 F-PLACE2000103//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 20208, WORKING DRAFT SEQUENCE.//1.0e-172:830:98//AL031848
 F-PLACE2000111//Homo sapiens DNA, trinucleotide repeats region.//1.0:200:64//AB018491
 F-PLACE2000115

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- F-PLACE2000124//Homo sapiens Chromosome 16 BAC clone CIT987SK-A-67A1, complete sequence.//6.2e-43:362:80//AC004531
- F-PLACE2000132//RPCI11-79F15.TV RPCI11 Homo sapiens genomic clone R-79F15, genomic survey sequence.//5.4e-35:206:94//AQ284166
- 5 F-PLACE2000136//Human BAC clone 7E17 from 12q, complete sequence.//2.7e-12:814:59//AC002070
- F-PLACE2000140//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 11703, WORKING DRAFT SEQUENCE.//3.6e-165:799:97//AL020995
- F-PLACE2000164//Canine histamine H2 receptor gene, complete cds.//0.10:392:56//M32701
- F-PLACE2000170
- 10 F-PLACE2000172//Homo sapiens PAC clone DJ0811017 from 7q21-22, complete sequence.//3.9e-91:552:88//AC006005
- F-PLACE2000176//Homo sapiens Chromosome 22q11.2 BAC Clone b437g10 In BCRL2-GGT Region, complete sequence.//0.98:201:64//AC004032
- F-PLACE2000187
- 15 F-PLACE2000216
- F-PLACE2000223//RPCI11-12L17.TP RPCI-11 Homo sapiens genomic clone RPCI-11-12L17, genomic survey sequence.//0.00039:325:58//B75888
- F-PLACE2000235//Human Chromosome 16 BAC clone CIT987SK-254P9, complete sequence.//7.5e-55:237:78//AC003003
- 20 F-PLACE2000246//Homo sapiens chromosome 3p clone RPCI4:544D10, WORKING DRAFT SEQUENCE, 58 unordered pieces.//2.4e-92:236:94//AC005902
- F-PLACE2000264//Human DNA sequence from clone 391022 on chromosome 6p21.2-21.31 Contains pseudo-genes similar to ribosomal protein, ESTs, GSSs, complete sequence.//1.4e-32:331:78//AL031577
- F-PLACE2000274//Anthocidaris crassispina mRNA for B2HC, partial cds.//8.5e-48:765:66//AB012308
- 25 F-PLACE2000302//Kaposi's sarcoma-associated herpes-like virus ORF73 homolog gene, complete cds.//8.3e-08:662:58//US2064
- F-PLACE2000305//Homo sapiens clone DJ1129L24, WORKING DRAFT SEQUENCE, 5 unordered pieces.//2.4e-08:95:81//AC006021
- F-PLACE2000317//HS_3183_B2_F05_MR CIT Approved Human Genomic Sperm-Library D Homo sapiens genomic clone Plate=3183 Col=10 Row=L, genomic survey sequence.//2.5e-71:346:99//AQ172747
- 30 F-PLACE2000335//Homo sapiens clone DJ1032D07, WORKING DRAFT SEQUENCE, 3 unordered pieces.//3.7e-14:402:65//AC004952
- F-PLACE2000341//Rattus norvegicus sodium-dependent multi-vitamin transporter (SMVT) mRNA, complete cds.//4.5e-77:555:82//AF026554
- 35 F-PLACE2000342//Suid herpesvirus 1 UL5 gene, partial cds; UL6 and UL7 genes, complete cds, UL8 gene, partial cds.//1.8e-14:259:71//U66829
- F-PLACE2000347//Human DNA from overlapping chromosome 19-specific cosmids R32543, and F15613 containing ZNF gene family member, genomic sequence, complete sequence.//6.0e-34:376:74//AC003006
- F-PLACE2000359//RPCI11-23J20.TKBR RPCI-11 Homo sapiens genomic clone RPCI-11-23J20, genomic survey sequence.//8.4e-21:288:69//AQ013849
- 40 F-PLACE2000366//Human Tigger1 transposable element, complete consensus sequence.//5.0e-114:692:80//U49973
- F-PLACE2000371//Homo sapiens 12p13.3 PAC RPCI1-29K11 (Roswell Park Cancer Institute Human PAC Library) complete sequence.//0.38:356:58//AC005182
- 45 F-PLACE2000373//RPCI11-49C18.TJ RPCI11 Homo sapiens genomic clone R-49C18, genomic survey sequence.//0.064:132:68//AQ051776
- F-PLACE2000379//Homo sapiens Xp22 BAC GS-607H18 (Genome Systems Human BAC library) complete sequence.//1.6e-130:776:88//AC003658
- F-PLACE2000394//Homo sapiens chromosome 18 BAC RPCI11-128D14 (Roswell Park Cancer Institute Human BAC Library) complete sequence.//5.4e-113:808:83//AC005909
- 50 F-PLACE2000398//Mouse hexamer repeat sequence (117) homologous to Drosophila 'period' gene.//0.87:286:63//X06967
- F-PLACE2000399
- F-PLACE2000404//Caenorhabditis elegans cosmid R74, complete sequence.//2.9e-59:532:68//Z36238
- 55 F-PLACE2000411//Acanthamoeba castellanii transformation-sensitive protein homolog mRNA, complete cds.//0.44:553:56//U89984
- F-PLACE2000419//Human adenosine deaminase (ADA) gene, complete cds.//1.4e-56:303:86//M13792
- F-PLACE2000425//HS_3047_A1_H05_MR CIT Approved Human Genomic Sperm Library D Homo sapiens ge-

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nomic clone Plate=3047 Col=9 Row=O, genomic survey sequence.//2.8e-42:224:97//AQ126949
 F-PLACE2000427
 F-PLACE2000433//Homo sapiens chromosome 17, clone hRPK.156_L_14, complete sequence.//1.1e-19:363:
 67//AC005821
 5 F-PLACE2000435//HS_3036_B1_F11_MR CIT Approved Human Genomic Sperm Library D Homo sapiens ge-
 nomic clone Plate=3036 Col=21 Row=L, genomic survey sequence.//3.1e-06:184:66//AQ096999
 F-PLACE2000438//Caenorhabditis elegans cosmid Y45F10D, complete sequence.//4.6e-23:550:62//AL021492
 F-PLACE2000450//Homo sapiens PAC clone DJ1188N21 from 7q11.23-q21.1, complete sequence.//1.0e-78:604:
 80//AC006025
 10 F-PLACE2000455//Homo sapiens Chromosome 16 BAC clone CIT987SK-A-279B10, complete sequence.//8.2e-
 05:330:63//AC002300
 F-PLACE2000458//Homo sapiens chromosome 5p, BAC clone 50g21 (LBNL H154), complete sequence.//5.7e-
 168:816:97//AC005740
 F-PLACE2000465//Human Chromosome 11 Overlapping Cosmids cSRL72g7 and cSRL140b8, complete se-
 15 quence.//4.3e-33:296:79//AC002037
 F-PLACE2000477//Homo sapiens clone RG052H06, WORKING DRAFT SEQUENCE, 11 unordered pieces.//
 3.4e-59:598:74//AC005057
 F-PLACE3000004//Human EYA3 homolog (EYA3) mRNA, complete cds.//7.6e-49:361:84//U81602
 F-PLACE3000009//Human placenta (Diff48) mRNA, complete cds.//3.0e-58:713:69//U49187
 20 F-PLACE3000020//R.norvegicus type III adenylyl cyclase mRNA, complete cds.//6.1e-103:600:89//M55075
 F-PLACE3000029
 F-PLACE3000059//Mus musculus mRNA for ubiquitin conjugating enzyme.//4.4e-115:718:86//Y17267
 F-PLACE3000070//Homo sapiens chromosome 5, BAC clone 194j18 (LBNL H158), complete sequence.//1.8e-
 17:250:74//AC005368
 25 F-PLACE3000103//Caenorhabditis elegans cosmid C13F10.//4.6e-07:408:61//U97006
 F-PLACE3000119//*** SEQUENCING IN PROGRESS *** Homo sapiens chromosome 4, BAC clone C0190L06;
 HTGS phase 1, WORKING DRAFT SEQUENCE, 21 unordered pieces.//1.5e-58:291:86//AC004670
 F-PLACE3000121//Rattus norvegicus rsec15 mRNA, complete cds.//8.1e-81:837:71//AF032668
 F-PLACE3000124//Homo sapiens chromosome 17, clone hRPK.85_B_7, complete sequence.//1.8e-48:330:79//
 30 AC005695
 F-PLACE3000136
 F-PLACE3000142//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 349A12, WORKING
 DRAFT SEQUENCE.//0.011:294:62//AL033520
 F-PLACE3000145//Gallus gallus tensin mRNA, 3' end.//6.9e-52:659:68//L06662
 35 F-PLACE3000147//Human DNA sequence from clone 267M20 on chromosome Xq22.2-22.3. Contains part of the
 DIAPH2 gene and a pseudogene, ESTs, STSs and GSSs, complete sequence.//5.1e-37:305:81//AL031053
 F-PLACE3000148//Homo sapiens chromosome Y, clone 47511, complete sequence.//4.7e-32:766:63//AC004474
 F-PLACE3000155//Homo sapiens chromosome 17, clone hRPK.597_M_12, complete sequence.//7.4e-173:822:
 98//AC005277
 40 F-PLACE3000156//Homo sapiens chromosome 19, overlapping cosmids F18547, F11133, R27945, R28830 and
 R32804, complete sequence.//2.2e-81:783:74//AC003682
 F-PLACE3000157
 F-PLACE3000158//, complete sequence.//1.0e-180:845:97//AC005500
 F-PLACE3000160//CIT978SK-152K7.TV CIT978SK Homo sapiens genomic clone 152K7, genomic survey se-
 45 quence.//0.080:259:59//B50878
 F-PLACE3000169//Homo sapiens chromosome 19, BAC CIT-B-191n6, complete sequence.//9.8e-158:749:98//
 AC006130
 F-PLACE3000194
 F-PLACE3000197//F.rubripes GSS sequence, clone 075N04bB7, genomic survey sequence.//1.4e-08:164:68//
 50 AL003352
 F-PLACE3000199//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 424J12, WORKING
 DRAFT SEQUENCE.//0.0019:277:58//Z82207
 F-PLACE3000207//Homo sapiens BAC clone GS165L15 from 7p15, complete sequence.//6.6e-21:312:67//
 AC005013
 55 F-PLACE3000208//Homo sapiens (clones: CW52-2, CW27-6, CW15-2, CW26-5, 11-67) collagen type VII inter-
 genic region and (COL7A1) gene, complete cds.//1.0:279:61//L23982
 F-PLACE3000218//Homo sapiens, WORKING DRAFT SEQUENCE, 52 unordered pieces.//9.3e-43:383:79//
 AC004086

F-PLACE3000220//RPCI11-54B4.TV RPCI11 Homo sapiens genomic clone R-54B4, genomic survey sequence.//
 2.4e-36:381:76//AQ082056
 F-PLACE3000221//Homo sapiens clone DJ1186P10, WORKING DRAFT SEQUENCE, 6 unordered pieces//7.2e-
 135:721:91//AC005231
 5 F-PLACE3000226
 F-PLACE3000230//Homo sapiens c1cr2b (ccr2), ccr2a (ccr2), ccr5 (ccr5) and ccr6 (ccr6) genes, complete cds,
 and lactoferrin (lactoferrin) gene, partial cds, complete sequence.//3.3e-80:498:78//U95626
 F-PLACE3000242//Human DNA sequence from clone 1409 on chromosome Xp11.1-11.4. Contains a Inter-Alpha-
 Trypsin Inhibitor Heavy Chain LIKE gene, a alternatively spliced Melanoma-Associated Antigen MAGE LIKE gene
 10 and a 6-Phosphofructo-2-kinase (Fructose-2,6-bisphosphatase) LIKE pseudogene. Contains ESTs, STSs and ge-
 nomic marker DXS8032, complete sequence.//2.6e-54:254:92//Z98046
 F-PLACE3000244//M.musculus mRNA for 200 kD protein.//1.4e-139:850:86//X80169
 F-PLACE3000254//Ateline herpesvirus 3 complete genome.//1.3e-10:399:61//AF083424
 F-PLACE3000271//Human Chromosome 16 BAC clone CIT987SK-A-815A9, complete sequence.//1.8e-21:350:
 15 68//AF001548
 F-PLACE3000276//HS_2026_B1_H11_T7 CIT Approved Human Genomic Sperm Library D Homo sapiens ge-
 nomic clone Plate=2026 Col=21 Row=P, genomic survey sequence.//5.7e-45:376:81//AQ231147
 F-PLACE3000304//Homo sapiens chromosome 19, cosmid R26660, complete sequence.//1.6e-138:650:99//
 AC005328
 20 F-PLACE3000310
 F-PLACE3000320//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 423B22, WORKING
 DRAFT SEQUENCE.//1.9e-41:379:77//AL034379
 F-PLACE3000322//Homo sapiens chromosome 17, clone hRPK.209_J_20, complete sequence.//3.3e-35:419:
 68//AC005822
 25 F-PLACE3000331//CIT-HSP-2347D24.TR CIT-HSP Homo sapiens genomic clone 2347D24, genomic survey se-
 quence.//2.7e-20:119:99//AQ061543
 F-PLACE3000339//Rhodobacter sphaeroides magnesium chelatase subunits Bchl (bchl) and BchD (bchD) genes,
 complete cds; and BchO (bchO) gene, partial cds.//0.99:310:58//AF017642
 F-PLACE3000341//Homo sapiens 3p22 Contig 7 PAC RPCI4-672N11 (Roswell Park Cancer Institute Human PAC
 30 Library) complete sequence.//7.5e-159:752:98//AC006055
 F-PLACE3000350//Rattus norvegicus serine/threonine protein kinase TAO1 mRNA, complete cds.//2.3e-107:592:
 92//AF084205
 F-PLACE3000352//Human DNA sequence from PAC 293L6 on chromosome 22, complete sequence.//2.1e-37:
 480:70//Z83732
 35 F-PLACE3000353
 F-PLACE3000362//Homo sapiens chromosome 17, clone hRPK.215_P_18, complete sequence.//0.00011:373:
 60//AC005969
 F-PLACE3000363
 F-PLACE3000365//Human DNA sequence from PAC 227P17, between markers DXS6791 and DXS8038 on chro-
 40 mosome X contains CpG island, EST.//0.074:279:61//Z81007
 F-PLACE3000373//Human DNA sequence from PAC 50A13 on chromosome Xp11. Contains ATP SYNTHASE
 LIPID BINDING PROTEIN P1 (P2, P3) precursor (ATP5G1, ATP5G2, ATP5G3) like pseudogene, ESTs and STSs.
 Contains polymorphic CA repeat.//2.8e-118:653:92//Z92545
 F-PLACE3000388//Homo sapiens PAC clone DJ0777023 from 7p14-p15, complete sequence.//2.2e-25:288:71//
 45 AC005154
 F-PLACE3000399//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 466N1, WORKING
 DRAFT SEQUENCE.//2.3e-69:303:86//Z97630
 F-PLACE3000400//Caenorhabditis elegans cosmid H03A11, complete sequence.//0.0063:435:58//Z93239
 F-PLACE3000401//Homo sapiens clone DJ1147A01, WORKING DRAFT SEQUENCE, 25 unordered pieces.//
 50 5.8e-25:292:73//AC006023
 F-PLACE3000402//RPCI11-20D6.TVB RPCI-11 Homo sapiens genomic clone RPCI-11-20D6, genomic survey
 sequence.//1.1e-10:154:74//AQ008761
 F-PLACE3000405//Homo sapiens chromosome 17, clone hRPK.628_E_12, complete sequence.//2.9e-41:515:
 72//AC005701
 55 F-PLACE3000406//cSRL-179E11-u cSRL flow sorted Chromosome 11 specific cosmid Homosapiens genomic
 clone cSRL-179E11, genomic survey sequence.//2.8e-91:540:89//B03443
 F-PLACE3000413
 F-PLACE3000416//F19L8-Sp6 IGF Arabidopsis thaliana genomic clone F19L8, genomic survey sequence.//

0.0018:664:55//B11305
 F-PLACE3000425//Human DNA sequence from clone 231L4 on chromosome Xq27.1-27.3 Contains GSS, STS, complete sequence//1.1e-16:284:70//AL022719
 F-PLACE3000455//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 469D22, WORKING DRAFT SEQUENCE//3.6e-146:732:96//AL031284
 5 F-PLACE3000475//HS_2164_A2_H10_MF CIT Approved Human Genomic Sperm Library D Homo sapiens genomic clone Plate=2164 Col=20 Row=O, genomic survey sequence//1.5e-07:159:71//AQ132983
 F-PLACE3000477//Human DNA sequence from PAC 368A4 on chromosome X. Contains ESTs, CELLULAR NUCLEIC ACID BINDING PROTEIN (CNBP) like gene and STSs//2.9e-11:213:70//Z83843
 10 F-PLACE4000009//Sequence 93 from patent US 5616500//9.9e-08:692:60//I39845
 F-PLACE4000014//Homo sapiens mRNA for KIAA0809 protein, partial cds//1.1e-116:331:100//AB018352
 F-PLACE4000034//Homo sapiens Chromosome 16 BAC clone CIT987SK-A-69G12, complete sequence//5.0e-05:244:63//AC004131
 F-PLACE4000049//Homo sapiens Xp22-171-173 BAC GSHB-312I4 (Genome Systems Human BAC Library) complete sequence//1.2e-37:385:74//AC005926
 15 F-PLACE4000052//M.musculus abcl mRNA//1.5e-110:671:88//X75926
 F-PLACE4000063
 F-PLACE4000089//M.musculus BOX DNA for regulatory element and promoter region related to EC cell differentiation//3.7e-12:114:85//X74311
 20 F-PLACE4000093//CIT-HSP-2380K5.TF CIT-HSP Homo sapiens genomic clone 2380K5, genomic survey sequence//0.11:245:60//AQ108342
 F-PLACE4000100//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 20208, WORKING DRAFT SEQUENCE//2.9e-19:384:65//AL031848
 F-PLACE4000106//Homo sapiens mRNA for KIAA0462 protein, partial cds//1.2e-145:684:99//AB007931
 25 F-PLACE4000128//Mus musculus putative transcription factor mRNA, complete cds//3.7e-62:541:78//AF091234
 F-PLACE4000129
 F-PLACE4000131//HS_3139_B2_F12_T7 CIT Approved Human Genomic Sperm Library D Homo sapiens genomic clone Plate=3139 Col=24 Row=L, genomic survey sequence//2.3e-14:221:70//AQ183207
 F-PLACE4000147//Human DNA sequence from clone 740A11 on chromosome Xq22.2-23. Contains part of the COL4A5 gene for Collagen Alpha 5(IV) Chain Precursor. Contains GSSs, complete sequence//0.28:412:58//AL031622
 30 F-PLACE4000156//Human zinc finger protein ZNF136//7.2e-88:764:76//U09367
 F-PLACE4000192
 F-PLACE4000211
 35 F-PLACE4000222//344J1.TVB CIT978SKA1 Homo sapiens genomic clone A-344J01, genomic survey sequence//1.2e-14:177:76//B17158
 F-PLACE4000230//Mus musculus semaphorin VIa mRNA, complete cds//9.8e-116:662:89//AF030430
 F-PLACE4000233//Homo sapiens DNA from chromosome 19, BAC 33152, complete sequence//5.2e-54:363:70//AC003973
 40 F-PLACE4000247
 F-PLACE4000250//Homo sapiens Xp22-132-134 BAC GSHB-590J15 (Genome Systems Human BAC library) complete sequence//0.0053:229:65//AC004673
 F-PLACE4000252
 F-PLACE4000259//H.sapiens gene for U5 snRNP-specific 200kD protein//2.0e-25:191:87//Z70200
 45 F-PLACE4000261//Mus musculus bromodomain-containing protein BP75 mRNA, complete cds//2.6e-23:314:71//AF084259
 F-PLACE4000269//Rattus norvegicus rexo70 mRNA, complete cds//5.5e-122:734:88//AF032667
 F-PLACE4000270
 F-PLACE4000300
 50 F-PLACE4000320//Human FKBP-rapamycin associated protein (FRAP) mRNA, complete cds//1.4e-21:135:96//L34075
 F-PLACE4000323//HS_2165_B1_B02_MF CIT Approved Human Genomic Sperm Library D Homo sapiens genomic clone Plate=2165 Col=3 Row=D, genomic survey sequence//4.3e-08:170:71//AQ125036
 F-PLACE4000326//Mouse DNA with homology to EBV IR3 repeat, segment 1, clone Mu2//2.8e-06:311:63//M10296
 55 F-PLACE4000344//Plasmodium falciparum chromosome 2, section 38 of 73 of the complete sequence//0.014:252:60//AE001401
 F-PLACE4000367

F-PLACE4000369
 F-PLACE4000379//CIT-HSP-2350B9.TF CIT-HSP Homo sapiens genomic clone 2350B9, genomic survey se-
 quence.//9.2e-46:282:86//AQ062661
 F-PLACE4000387//CIT-HSP-2382F11.TR CIT-HSP Homo sapiens genomic clone 2382F11, genomic survey se-
 quence.//0.96:102:70//AQ080649
 F-PLACE4000392//Rattus norvegicus polymorphic marker D20UIA1 sequence.//1.2e-05:222:68//AF054088
 F-PLACE4000401//Homo sapiens mRNA for KIAA0640 protein, partial cds.//9.6e-46:605:71//AB014540
 F-PLACE4000411//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 173D1, WORKING
 DRAFT SEQUENCE.//3.2e-29:179:79//AL031984
 F-PLACE4000431//H.sapiens gene for U5 snRNP-specific 200kD protein.//4.0e-44:263:92//Z70200
 F-PLACE4000445//HS-1053-B1-D02-MF.abi CIT Human Genomic Sperm Library C Homo sapiens genomic clone
 Plate=CT 775 Col=3 Row=H, genomic survey sequence.//0.070:47:100//B41346
 F-PLACE4000450
 F-PLACE4000465//Homo sapiens BAC clone RG114B19 from 7q31.1, complete sequence.//2.3e-07:273:65//
 AC005065
 F-PLACE4000487//Homo sapiens chromosome 17, clone hRPK.156_L_14, complete sequence.//4.1e-34:351:
 70//AC005821
 F-PLACE4000489//HS_3012_B1_G05_MR CIT Approved Human Genomic Sperm Library D Homo sapiens ge-
 nomic clone Plate=3012 Col=9 Row=N, genomic survey sequence.//2.0e-36:220:92//AQ095537
 F-PLACE4000494//Homo sapiens 12p13.3 PAC RPC15-1063M23 (Roswell Park Cancer Institute Human PAC Li-
 brary) complete sequence.//2.3e-57:395:79//AC005865
 F-PLACE4000521//Homo sapiens *** SEQUENCING IN PROGRESS ***; WORKING DRAFT SEQUENCE.//1.6e-
 163:770:98//AJ011929
 F-PLACE4000522//Feline leukemia virus Notch2 gene, clone: FeLV/Notch2-C, partial cds.//4.0e-124:686:90//
 U47645
 F-PLACE4000548
 F-PLACE4000558//Bothrops atrox batroxobin gene (EC 3.4.21.29).//0.049:435:59//X12747
 F-PLACE4000581
 F-PLACE4000590//Homo sapiens chromosome Y, clone 47511, complete sequence.//3.6e-20:747:59//AC004474
 F-PLACE4000593//Caenorhabditis elegans cosmid F25D7, complete sequence.//5.6e-16:326:65//Z78418
 F-PLACE4000612//Homo sapiens PAC clone DJ0722F20 from 7q31.1-q31.3, complete sequence.//1.7e-163:785:
 97//AC005281
 F-PLACE4000638//Homo sapiens clone NH0319F03, WORKING DRAFT SEQUENCE, 3 unordered pieces.//8.7e-
 74:707:74//AC006039
 F-PLACE4000650
 F-PLACE4000654//Mus musculus mRNA for ubiquitin conjugating enzyme.//1.1e-145:840:89//Y17267
 F-PLACE4000670//Sequence 13 from patent US 5712381.//1.0:311:59//I82816
 F-SKNMC1000011//Gallus gallus bone sialoprotein II mRNA, complete cds.//0.014:92:73//U10577
 F-SKNMC1000013//Orang-utan involucrin gene, complete cds.//0.021:417:59//M25312
 F-SKNMC1000046//Homo sapiens mRNA for KIAA0654 protein, partial cds.//7.6e-147:706:98//AB014554
 F-SKNMC1000050//Sequence 5 from patent US 5789181.//1.6e-52:330:90//AR020616
 F-SKNMC1000091//Human NK homeobox protein (Nkx6.1) gene, exon.1.//0.0018:375:60//U66797
 F-THYRO1000017//Rattus norvegicus pyridoxine 5'-phosphate oxidase mRNA, complete cds.//6.6e-97:542:84//
 U91561
 F-THYRO1000026//Human DNA sequence from clone 833B7 on chromosome 22q12.3-13.2 Contains genes for
 NCF4 (P40PHOX) protein, cytokine receptor common beta chain precursor CSF2RB (partial), ESTs, CA repeat,
 STS, GSS, complete sequence.//3.5e-46:353:82//AL008637
 F-THYRO1000034//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 90L6, WORKING
 DRAFT SEQUENCE.//0.83:227:61//Z97353
 F-THYRO1000035//Human Chromosome X clone bWXD187, complete sequence.//1.2e-39:303:83//AC004383
 F-THYRO1000040
 F-THYRO1000070//Homo sapiens chromosome 10 clone CIT987SK-1144G6 map 10q25.1, complete sequence.//
 1.3e-05:613:58//AC005383
 F-THYRO1000072//Homo sapiens mRNA for KIAA0657 protein, partial cds.//2.7e-84:722:77//AB014557
 F-THYRO1000085
 F-THYRO1000092//CIT-HSP-2013L16.TFB CIT-HSP Homo sapiens genomic clone 2013L16, genomic survey se-
 quence.//0.31:186:61//B60606
 F-THYRO1000107

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- F-THYRO1000111//Human genomic DNA sequence from clone 308O1 on chromosome Xp11.3-11.4. Contains EST, CA repeat, STS, GSS, CpG island.//6.4e-110:690:87//Z93403
- F-THYRO1000121//Rattus norvegicus CTD-binding SR-like protein rA8 mRNA, complete cds.//1.4e-127:816:85//U49055
- 5 F-THYRO1000124//H.sapiens CpG island DNA genomic Mse1 fragment, clone 72a7, forward read cpg72a7.ft1a.//9.5e-26:169:94//Z62724
- F-THYRO1000129//Homo sapiens TED protein (TED) mRNA, complete cds.//8.5e-154:732:98//AF087142
- F-THYRO1000132//Homo sapiens chromosome 9q34, clone 63G10, complete sequence.//3.7e-39:315:82//AC002096
- 10 F-THYRO1000156//Human DNA sequence from clone 113J7 on chromosome Xp11.22-11.4. Contains part of a putative Homeobox (pseudo?) gene, ESTs and an STS, complete sequence.//1.2e-21:335:71//AL023574
- F-THYRO1000163//Homo sapiens Chromosome 16 BAC clone CIT987SK-A-A-218C7, complete sequence.//8.4e-52:301:88//AC002331
- F-THYRO1000173//Mouse clathrin-associated protein (AP47) mRNA, complete cds.//4.0e-89:821:74//M62419
- 15 F-THYRO1000186//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 424J12, WORKING DRAFT SEQUENCE.//7.2e-39:293:85//Z82207
- F-THYRO1000187//Clostridium tetani gene for tetanus toxin.//0.041:473:57//X06214
- F-THYRO1000190//Homo sapiens chromosome 17, clone hRPK.332_H_18, complete sequence.//0.38:184:64//AC005746
- 20 F-THYRO1000197//Homo sapiens mRNA for poly(A)-specific ribonuclease.//7.5e-174:805:99//AJ005698
- F-THYRO1000199//Homo sapiens mRNA for KIAA0652 protein, complete cds.//1.2e-86:616:84//AB014552
- F-THYRO1000206//HS_3047_A1_A05_MF CIT Approved Human Genomic Sperm Library D Homo sapiens genomic clone Plate=3047 Col=9 Row=A, genomic survey sequence.//0.51:331:63//AQ099134
- F-THYRO1000221//Plasmodium falciparum 3D7 chromosome 12 PFYAC293 genomic sequence, WORKING DRAFT SEQUENCE, 9 unordered pieces.//0.092:738:56//AC004157
- 25 F-THYRO1000241//Gallus gallus genome fragment with pentamer tandem repeats.//0.43:191:62//X00186
- F-THYRO1000242//Human zinc finger gene HZF7.//2.8e-43:534:64//X60156
- F-THYRO1000253//Homo sapiens 3p22 Contig 7 PAC RPCI4-672N11 (Roswell Park Cancer Institute Human PAC Library) complete sequence.//0.95:139:68//AC006055
- 30 F-THYRO1000270
- F-THYRO1000279//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 531H16, WORKING DRAFT SEQUENCE.//1.4e-174:826:98//AL031664
- F-THYRO1000288//Homo sapiens mRNA for Hs Ste24p, complete cds.//3.9e-179:848:98//AB016068
- F-THYRO1000320//Mus musculus sphingosine-1-phosphate lyase mRNA, complete cds.//1.0e-44:331:83//AF036894
- 35 F-THYRO1000327//Homo sapiens autocrine motility factor receptor (AMFR) mRNA, complete cds.//5.7e-112:641:91//L35233
- F-THYRO1000343//Homo sapiens mRNA for KIAA0790 protein, partial cds.//2.2e-162:763:98//AB018333
- F-THYRO1000358//Human selenium-binding protein (hSBP) mRNA, complete cds.//2.2e-32:177:84//U29091
- 40 F-THYRO1000368//Caenorhabditis elegans cosmid W09G3, complete sequence.//0.97:206:60//Z82080
- F-THYRO1000381//Arthrobacter sp. glcI gene for beta-1,3-glucanase, complete cds.//0.27:427:62//D23668
- F-THYRO1000387//Homo sapiens PAC clone DJ1048B16 from 7q34-q36, complete sequence.//9.7e-147:698:98//AC006019
- F-THYRO1000394//HS_2061_A2_C04_MR CIT Approved Human Genomic Sperm Library D Homo sapiens genomic clone Plate=2061 Col=8 Row=E, genomic survey sequence.//1.6e-29:202:91//AQ247672
- 45 F-THYRO1000395//Drosophila melanogaster ring canal protein and ORF2 mRNA, complete cds.//4.3e-15:512:59//L08483
- F-THYRO1000401 3.2e-116:504:80//AF051908
- F-THYRO1000438//Plasmodium falciparum 3D7 chromosome 12 PFYAC492 genomic sequence, WORKING DRAFT SEQUENCE, 5 unordered pieces.//3.4e-09:539:59//AC005308
- 50 F-THYRO1000452//RPCI11-1C19.TVB RPCI-11 Homo sapiens genomic clone RPCI-11-1C19, genomic survey sequence.//0.27:132:64//B49573
- F-THYRO1000471//Homo sapiens PAC clone DJ1136G13 from 7q35-q36, complete sequence.//1.3e-38:332:81//AC005229
- 55 F-THYRO1000484//Homo sapiens BAC378, complete sequence.//2.2e-37:254:76//U85196
- F-THYRO1000488//Homo sapiens chromosome 5p, BAC clone 50g21 (LBNL H154), complete sequence.//6.3e-130:327:97//AC005740
- F-THYRO1000501//H.sapiens Staf50 mRNA.//9.8e-74:615:77//X82200

- F-THYRO1000502//Human DNA sequence from PAC 436M11 on chromosome Xp22.11-22.2. Contains the serine threonine protein phosphatase gene PPEF1, and the first coding exon of the RS1 gene for retinoschisis (X-linked, juvenile) 1 (XLRS1). Contains ESTs, an STS and GSSs, complete sequence.//0.076:380:59//Z94056
- F-THYRO 1000505
- 5 F-THYRO1000558//Human PAC clone 127H14 from 12q, complete sequence.//2.4e-27:412:69//AC002563
- F-THYRO1000569//HS_2178_B2_E03_T7 CIT Approved Human Genomic Sperm Library D Homo sapiens genomic clone Plate=2178 Col=6 Row=J, genomic survey sequence.//1.9e-27:326:74//AQ307499
- F-THYRO1000570
- 10 F-THYRO1000585//Homo sapiens protein associated with Myc mRNA, complete cds.//7.4e-167:808:97//AF075587
- F-THYRO1000596//Human Chromosome 16 BAC clone CIT987SK-A-972D3, complete sequence.//0.99:280:61//U91323
- F-THYRO1000602//HS_3037_B2_E04_MR CIT Approved Human Genomic Sperm Library D Homo sapiens genomic clone Plate=3037 Col=8 Row=J, genomic survey sequence.//1.2e-05:109:75//AQ097057
- 15 F-THYRO1000605//Homo sapiens map 2p11.2; 83cM from GATA85A06 repeat region, complete sequence.//1.0:84:70//AF067777
- F-THYRO1000625//Homo sapiens chromosome 19, cosmid R29425, complete sequence.//3.4e-174:820:98//AC005546
- F-THYRO1000637//Human DNA sequence from clone 91J24 on chromosome 6q24 Contains part of utrophin Gene, part of cytochrome C oxidase gene, EST, CpG island, complete sequence.//3.6e-38:289:84//AL024474
- 20 F-THYRO1000641//Plasmodium falciparum MAL3P7, complete sequence.//6.8e-07:540:56//AL034559
- F-THYRO1000658//Homo sapiens chromosome 17, clone hRPK.74_E_22, complete sequence.//1.1e-68:468:84//AC005696
- F-THYRO1000662//Arabidopsis thaliana genomic DNA, chromosome 5, TAC clone: K23L20, complete sequence.//0.0072:141:70//AB016874
- 25 F-THYRO1000666//Mus musculus mRNA for motor domain of KIF9, partial cds.//4.7e-58:367:87//AB001437
- F-THYRO1000676//Homo sapiens chromosome 19, cosmid F22676, complete sequence.//1.2e-36:396:71//AC005778
- F-THYRO1000684//Fugu rubripes cosmid 165K09 DNA for GRM7, TRIP, Sand, PRGFR3 genes.//6.6e-13:236:69//AJ010317
- 30 F-THYRO1000699//RPC11-50D4.TK RPC11 Homo sapiens genomic clone R-50D4, genomic survey sequence.//2.7e-09:135:78//AQ052641
- F-THYRO1000712//Homo sapiens BAC clone RG041D11 from 7q21, complete sequence.//5.2e-17:290:67//AC005053
- 35 F-THYRO1000715//Bovine herpesvirus type 1 early-intermediate transcription control protein (BICP4) gene, complete cds.//8.6e-08:517:60//L14320
- F-THYRO1000734//HS_3233_B1_B04_T7 CIT Approved Human Genomic Sperm Library D-Homo sapiens genomic clone Plate=3233 Col=7 Row=D, genomic survey sequence.//6.0e-72:463:89//AQ182143
- F-THYRO1000748//Homo sapiens KIAA0411 mRNA, complete cds.//9.7e-34:339:74//AB007871
- 40 F-THYRO1000756//M.musculus mRNA for Gal beta1, 3GalNAc alpha2,3-sialyltransferase.//0.00034:349:60//X73523
- F-THYRO1000777//S.griseus strO gene and sts gene cluster.//8.2e-05:625:59//Y08763
- F-THYRO1000783//Xenopus laevis tail-specific thyroid hormone up-regulated (gene 5) mRNA, complete cds.//4.0e-70:860:69//U37373
- 45 F-THYRO1000787//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 366D1, WORKING DRAFT SEQUENCE.//5.3e-09:221:66//Z97986
- F-THYRO1000793
- F-THYRO1000796//Cristatella mucedo clone 5.9 microsatellite sequence.//0.34:173:63//AF085422
- F-THYRO1000805//Homo sapiens Xp21 PAC RPC11-37A12 containing exons 10 to 16 of the Duchenne Muscular Dystrophy gene, complete sequence.//7.8e-43:677:66//AC004468
- 50 F-THYRO1000815//Homo sapiens chromosome 5, Bac clone 189 (LBNL H135), complete sequence.//5.5e-43:405:77//AC005914
- F-THYRO1000829//CIT-HSP-2387C10.TF.1 CIT-HSP Homo sapiens genomic clone 2387C10, genomic survey sequence.//2.0e-20:159:88//AQ240053
- 55 F-THYRO1000843
- F-THYRO1000852//Homo sapiens chromosome 19, cosmid R31855, complete sequence.//1.8e-33:445:72//AC005782
- F-THYRO1000855//Mus musculus potassium channel alpha subunit (Kv9.1) mRNA, complete cds.//0.038:208:

64//AF008573
 F-THYRO1000865//Homo sapiens PAC clone DJ0283M22 from 14, complete sequence//1.9e-30:286:74//AC005477
 F-THYRO1000895//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 385E7, WORKING DRAFT SEQUENCE//2.8e-18:186:80//AL031720
 5 F-THYRO1000916//Homo sapiens clone DJ0965K10, WORKING DRAFT SEQUENCE, 6 unordered pieces//3.6e-78:432:93//AC006015
 F-THYRO1000926//Homo sapiens cAMP-specific phosphodiesterase 8B (PDE8B) mRNA, partial cds//9.2e-178:839:98//AF079529
 10 F-THYRO1000934//Human pyrroline 5-carboxylate reductase mRNA, complete cds//3.5e-32:759:63//M77836
 F-THYRO1000951//Homo sapiens Chromosome 11q12 pac pDJ57114, WORKING DRAFT SEQUENCE, 29 unordered pieces//4.9e-76:224:93//AC004229
 F-THYRO1000952
 F-THYRO1000974//HS_3238_B2_F01_MR CIT Approved Human Genomic Sperm Library D Homo sapiens genomic clone Plate=3238 Col=2 Row=L, genomic survey sequence//12.4e-26:154:96//AQ219846
 15 F-THYRO1000975//Plasmodium falciparum Topoli gene//0.32:491:58//X79345
 F-THYRO1000983//Mvfwf9A3 exon amplification products from BACs in Mvfwf region Mus musculus genomic, genomic survey sequence//7.0e-16:112:94//AQ010457
 F-THYRO1000984//CIT-HSP-2167O17.TR CIT-HSP Homo sapiens genomic clone 2167O17, genomic survey sequence//0.00015:186:66//B91313
 20 F-THYRO1000988//Human Chromosome 11q12.2 PAC clone pDJ756b9 containing human ferritin heavy chain mRNA (FTH), WORKING DRAFT SEQUENCE, 19 unordered pieces//0.024:267:63//AC004588
 F-THYRO1001003
 F-THYRO1001031//Homo sapiens chromosome 17, clone hRPC:859_O_20, complete sequence//1.1e-55:543:72//AC003695
 25 F-THYRO1001033//Methanobacterium thermoautotrophicum from bases 48264 to 58328 (section 5 of 148) of the complete genome//0.94:445:58//AE000799
 F-THYRO1001062//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 199H16, WORKING DRAFT SEQUENCE//4.4e-45:441:75//AL022320
 30 F-THYRO1001093//Homo sapiens chromosome 9, clone hRPK:202_H_3, complete sequence//4.9e-34:353:76//AC006241
 F-THYRO1001100//Human DNA-binding protein mRNA, 3'end//1.1e-72:742:74//L14787
 F-THYRO1001120//Homo sapiens clone DJ1129E22, WORKING DRAFT SEQUENCE, 7 unordered pieces//1.2e-76:521:86//AC005522
 35 F-THYRO1001121//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 671O14, WORKING DRAFT SEQUENCE//0.00078:594:58//AL031595
 F-THYRO1001133//Homo sapiens PAC clone DJ1200I23 from 7p15, complete sequence//4.0e-35:349:76//AC004996
 F-THYRO1001134//Homo sapiens clone DJ1070G24, WORKING DRAFT SEQUENCE, 12 unordered pieces//1.0:154:66//AC005486
 40 F-THYRO1001142//Human DNA sequence from clone B79B4 on chromosome 22 Contains CA repeat and GSS, complete sequence//1.4e-44:374:80//Z82178
 F-THYRO1001173
 F-THYRO1001177//Human pigment epithelium-derived factor gene, complete cds//1.9e-42:250:86//U29953
 45 F-THYRO1001189//HS_3171_B2_F10_MR CIT Approved Human Genomic Sperm Library D Homo sapiens genomic clone Plate=3171 Col=20 Row=L, genomic survey sequence//1.8e-28:246:83//AQ302330
 F-THYRO1001204//Drosophila melanogaster DNA repair protein (mei-41) gene, complete cds, and TH1 gene, partial cds//4.9e-39:657:64//U34925
 F-THYRO1001213//, complete sequence//1.7e-45:257:84//AC005300
 50 F-THYRO1001262//Homo sapiens genomic DNA, chromosome 21q11.1, segment 7/28, WORKING DRAFT SEQUENCE//1.5e-40:274:87//AP000036
 F-THYRO1001271//Streptomyces coelicolor cosmid 1A6//0.033:364:61//AL023496
 F-THYRO1001287//Drosophila melanogaster cosmid clone 86E4.119.6e-49:586:69//AL021086
 F-THYRO1001290//HS_2045_B1_H09_MR CIT Approved Human Genomic Sperm Library D Homo sapiens genomic clone Plate=2045 Col=17 Row=P, genomic survey sequence//4.4e-13:156:78//AQ248237
 55 F-THYRO1001313//S. lavendulae bla gene for beta-lactamase, complete cds//1.0:229:64//D12693
 F-THYRO1001320//Homo sapiens Chromosome 22q11.2 PAC Clone p_n5 In BCRL2-GGT Region, complete sequence//1.1e-88:672:82//AC002472

F-THYRO1001321//Human PAC clone DJ527C21 from Xq23, complete sequence.//1.2e-115:740:87//AC000114
 F-THYRO1001322//HS_3205_B2_C12_MR CIT Approved Human Genomic Sperm Library D Homo sapiens ge-
 nomic clone Plate=3205 Col=24 Row=F, genomic survey sequence.//0.00031:285:61//AQ304025
 F-THYRO1001347//Homo sapiens mRNA for KIAA0745 protein, partial cds.//2.2e-43:638:64//AB018288
 5 F-THYRO1001363//Homo sapiens PAC clone DJ0845121 from 7q11.21-q11.23, complete sequence.//1.0e-09:189:
 74//AC004905
 F-THYRO1001365//Homo sapiens chromosome 10 clone CIT987SK:1163G10 map-10q25, complete sequence.//
 7.6e-168:821:97//AC005660
 F-THYRO1001374//Homo sapiens mRNA for KIAA0707 protein, partial cds.//2.3e-155:740:97//AB014607
 10 F-THYRO1001401//Homo sapiens chromosome 19, cosmid F23149, complete sequence.//3.2e-07:138:73//
 AC005239
 F-THYRO1001403//Homo sapiens chromosome 12p13.3 clone RPCI3-454B23, WORKING DRAFT SEQUENCE,
 48 unordered pieces.//3.6e-70:360:86//AC005845
 F-THYRO1001405//Bos taurus mRNA for NDP52, complete cds.//2.6e-14:559:63//AB008852
 15 F-THYRO1001406//Mus musculus putative steroid dehydrogenase (KIK-I) mRNA, complete cds.//1.0e-91:631:
 82//AF064635
 F-THYRO1001411//Homo sapiens chromosome 19, cosmid F18718, complete sequence.//5.5e-42:509:71//
 AC006126
 F-THYRO1001426//*** SEQUENCING IN PROGRESS *** Homo sapiens genomic DNA (PAC 1118i22) from chro-
 mosome 11; HTGS phase 1, WORKING DRAFT SEQUENCE.//2.7e-31:172:81//AJ002553
 20 F-THYRO1001434//Human Chromosome 11 pac pDJ393o15, WORKING DRAFT SEQUENCE, 8 unordered piec-
 es.//1.0:98:70//AC000384
 F-THYRO1001458//Bos taurus non-muscle myosin heavy chain mRNA, partial cds.//1.9e-58:653:71//U87265
 F-THYRO1001480//Homo sapiens clone DJ0756H11, WORKING DRAFT SEQUENCE, 5 unordered pieces.//
 25 7.5e-42:357:80//AC006001
 F-THYRO1001487//H.sapiens DNA sequence.//0.92:160:64//Z22449
 F-THYRO1001534//Homo sapiens chromosome 17, clone hCIT.468_F_23, WORKING DRAFT SEQUENCE, 3
 unordered pieces.//4.8e-47:266:80//AC004666
 F-THYRO1001537//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 998H6, WORKING
 30 DRAFT SEQUENCE.//1.3e-79:479:89//AL031687
 F-THYRO1001541//Human DNA sequence from clone 399M14 on chromosome Xq26.1-26.3. Contains ESTs, an
 STS and GSSs, complete sequence.//0.0034:106:77//Z96074
 F-THYRO1001559//Rattus norvegicus simple sequence repeat D18Mc06.//1.6e-09:351:63//AF06056
 F-THYRO1001570//RPCI11-49B23.TJ RPCI11 Homo sapiens genomic clone R-49B23, genomic survey se-
 35 quence.//1.4e-65:384:91//AQ052105
 F-THYRO1001573//Homo sapiens clone 24778 unknown mRNA.//8.2e-104:546:95//AF070572
 F-THYRO1001584//CIT-HSP-2365J21.TF CIT-HSP Homo sapiens genomic clone 2365J21, genomic survey se-
 quence.//1.3e-24:180:88//AQ080498
 F-THYRO1001595//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone Y313F4, WORKING
 40 DRAFT SEQUENCE.//8.7e-145:779:93//AL023808
 F-THYRO1001602//Homo sapiens chromosome 17, clone hRPK.786_O_4, complete sequence.//2.9e-26:393:68//
 AC005863
 F-THYRO1001605//Dictyostelium discoideum filopodin (talA) gene, complete cds.//0.0012:436:58//U14576
 F-THYRO1001617//Homo sapiens full-length insert cDNA clone ZD69D05.//8.6e-43:342:82//AF086381
 45 F-THYRO1001637//Homo sapiens clone DJ1019E05, WORKING DRAFT SEQUENCE, 10 unordered pieces.//
 6.2e-15:318:66//AC004950
 F-THYRO1001656//Homo sapiens PAC clone DJ044L15 from Xq23, complete sequence.//1.5e-05:147:68//
 AC004827
 F-THYRO1001661
 50 F-THYRO1001671//Homo sapiens mRNA for 2'-5' oligoadenylate synthetase 59 kDa isoform.//2.5e-164:780:98//
 AJ225089
 F-THYRO1001673//Homo sapiens clone RG161A02, complete sequence.//4.4e-40:770:64//AC005071
 F-THYRO1001703//S.coelicolor plasmid SCP2 transfer region DNA.//0.14:414:59//X72857
 F-THYRO1001706//Homo sapiens BAC clone RG281B09 from 7q21.1-q31.1, complete sequence.//2.6e-43:308:
 55 75//AC004745
 F-THYRO1001721//, complete sequence.//9.9e-134:770:91//AC005500
 F-THYRO1001738//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 355C18, WORKING
 DRAFT SEQUENCE.//0.99:163:61//AL022327

- F-THYRO1001745
F-THYRO1001746
F-THYRO1001772//HS_3069_B1_C05_MF CIT Approved Human Genomic Sperm Library D Homo sapiens genomic clone Plate=3069 Col=9 Row=F, genomic survey sequence.//1.5e-61:360:91//AQ171021
- 5 F-THYRO1001793//B.taurus mRNA for beta-subunit of rod photoreceptor CNG-channel.//0.028:446:58//X89626
F-THYRO 1001809
F-THYRO1001828//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 110F11, WORKING DRAFT SEQUENCE.//1.3e-175:841:98//AL033526
F-THYRO1001854//Homo sapiens chromosome 17, clone hCIT54K19, complete sequence.//7.9e-07:445:59//AC003664
- 10 F-THYRO1001895
4.4e-13:248:68//AB012576
F-THYRO1001907//Homo sapiens BAC clone RG054D04 from 7q31, complete sequence.//2.9e-15:144:77//AC005058
- 15 F-VESEN1000122//HS_3075_B1_C09_MF CIT Approved Human Genomic Sperm Library D Homo sapiens genomic clone Plate=3075 Col=17 Row=F, genomic survey sequence.//1.1e-16:130:90//AQ143749
F-Y79AA1000013
F-Y79AA1000033//Homo sapiens BAC clone GS114I09 from 7p14-p15, complete sequence.//2.9e-95:300:94//AC006027
- 20 F-Y79AA1000037//Human prot-oncogene (BMI-1) mRNA, complete cds.//2.4e-19:230:66//L13689
F-Y79AA1000059//Homo sapiens immunophilin homolog ARA9 mRNA, complete cds.//2.2e-38:629:64//U78521
F-Y79AA1000065//Human DNA sequence from cosmid J256K24, between markers DXS6791 and DXS8038 on chromosome X contains EST.//5.3e-10:117:83//Z72005
F-Y79AA1000131//Homo sapiens LERK-6 (EPLG6) gene, exon 1.//7.6e-10:381:64//U92893
- 25 F-Y79AA1000181//Human DNA sequence from clone 612B18 on chromosome 1q24-25.3 Contains exon from gene similar to 40S ribosomal protein, first coding exon of dynamin 2 (DYNII). ESTs, STS, GSS, CpG Island, complete sequence.//1.4e-165:732:99//AL031864
F-Y79AA1000202//Drosophila melanogaster DNA sequence (P1:DS06882 (D310)), complete sequence.//9.1e-20:339:65//AC005115
- 30 F-Y79AA1000214//Homo sapiens clone DJ0673M15, WORKING DRAFT SEQUENCE, 33 unordered pieces.//3.7e-72:397:93//AC004854
F-Y79AA1000230
F-Y79AA1000231//Mus musculus SIK similar protein mRNA, complete cds.//8.5e-151:833:90//AF053232
F-Y79AA1000258//Leishmania donovani histidine secretory acid phosphatase (SAcP-1) gene, complete cds.//0.0099:547:58//U78522
- 35 F-Y79AA1000268//Mus musculus Nip21 mRNA, complete cds.//4.0e-11:424:62//AF035207
F-Y79AA1000313
F-Y79AA1000328//CIT-HSP-386A20.TF CIT-HSP Homo sapiens genomic clone 386A20, genomic survey sequence.//5.9e-07:173:69//B55085
- 40 F-Y79AA1000342//RPC111-57J6.TK.1 RPC111 Homo sapiens genomic clone R-57J6, genomic survey sequence.//5.2e-27:151:99//AQ115511
F-Y79AA1000346//B.primigenius mRNA for coat protein gamma-cop.//5.7e-69:694:71//X92987
F-Y79AA1000349//M.musculus Spnr mRNA for RNA binding protein.//1.8e-98:535:92//X84692
F-Y79AA1000355//Homo sapiens clone DJ0847008, WORKING DRAFT SEQUENCE, 3 unordered pieces.//1.6e-21:129:85//AC005484
- 45 F-Y79AA1000368//H.sapiens CpG island DNA genomic Mse1 fragment, clone 12f1, reverse read cpg12f1.rt1c.//0.00016:53:98//Z56610
F-Y79AA1000405//Plasmodium falciparum DNA *** SEQUENCING IN PROGRESS *** from MAL1P4, WORKING DRAFT SEQUENCE.//0.069:366:59//AL031747
- 50 F-Y79AA1000410//Human DNA sequence from PAC 117P19 on chromosome X.//1.0e-25:235:80//Z86061
F-Y79AA1000420//H.sapiens CpG island DNA genomic Mse1 fragment, clone 82c3, forward read cpg82c3.ft1a.//2.0e-36:194:98//Z63378
F-Y79AA1000469//Mus musculus ancient ubiquitous 46 kDa protein AUP1 precursor (Aup1) mRNA, complete cds.//8.5e-121:696:89//U41736
- 55 F-Y79AA1000480//HS_2175_A2_H11_T7 CIT Approved Human Genomic Sperm Library D Homo sapiens genomic clone Plate=2175 Col=22 Row=O, genomic survey sequence.//2.5e-26:178:89//AQ307693
F-Y79AA1000538//Homo sapiens clone DJ1158B01, WORKING DRAFT SEQUENCE, 23 unordered pieces.//0.67:111:72//AC004980

- F-Y79AA1000539//HS_2237_B2_F10_MF CIT Approved Human Genomic Sperm Library D Homo sapiens genomic clone Plate=2237 Col=20 Row=L, genomic survey sequence//1.2e-14:168:77//AQ153503
F-Y79AA1000540//Homo sapiens clone DJ0655N24, WORKING DRAFT SEQUENCE, 8 unordered pieces//0.94:127:67//AC005193
- 5 F-Y79AA1000560//Mouse mRNA for alpha-adaptin (C)//1.7e-114:776:84//X14972
F-Y79AA1000574//M.musculus tex23 mRNA (5'region)//1.8e-23:291:75//X80424
F-Y79AA1000589//Homo sapiens clone 614 unknown mRNA, complete sequence//8.6e-153:755:97//AF091080
F-Y79AA1000627//Homo sapiens zinc finger protein (ZF5128) mRNA, complete cds//5.2e-135:644:98//AF060503
F-Y79AA1000705//M.musculus mRNA of enhancer-trap-locus 1//6.9e-148:902:86//X69942
- 10 F-Y79AA1000734//Homo sapiens PEX11 beta mRNA for peroxisome assembly factor, complete cds//4.8e-180:850:98//AB018080
F-Y79AA1000748//Caenorhabditis elegans cosmid F25B5//0.00019:308:60//U23172
F-Y79AA1000752//Oryctolagus cuniculus mRNA for hnRNP-E1 protein//1.7e-40:513:68//AJ003023
F-Y79AA1000774
- 15 F-Y79AA1000782
F-Y79AA1000784//Homo sapiens RanBP7/importin 7 mRNA, complete cds//3.5e-177:847:97//AF098799
F-Y79AA1000794//H.sapiens CpG island DNA genomic MseI fragment, clone 45a4, forward read cpg45a4.ft1a.//2.5e-13:104:92//Z61120
F-Y79AA1000800//Homo sapiens GABA-B receptor mRNA, complete cds//0.98:244:60//AF056085
- 20 F-Y79AA1000802
F-Y79AA1000805//Human Chromosome 11 Cosmid cSRL30h11, complete sequence//9.3e-76:528:85//U73642
F-Y79AA1000824//RPCI11-26B4.TP RPCI-11 Homo sapiens genomic clone RPCI-11-26B4, genomic survey sequence//4.4e-14:99:95//B84538
F-Y79AA1000827//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 117715, WORKING
- 25 DRAFT SEQUENCE//1.5e-08:249:69//AL022315
F-Y79AA1000833//Macaca fascicularis mRNA for alpha-tubulin//1.8e-103:603:89//X04757
F-Y79AA1000850
F-Y79AA1000962//Human DNA sequence from PAC 360E18 on chromosome X contains EST, CpG island and polymorphic CA repeat//0.038:468:59//Z82203
- 30 F-Y79AA1000966//Mus musculus COP9 complex subunit 4 (COPS4) mRNA, complete cds//9.7e-150:865:89//AF071314
F-Y79AA1000968//Rattus norvegicus initiation factor eIF-2B gamma subunit (eIF-2B gamma) mRNA, complete cds//6.4e-122:717:88//U38253
F-Y79AA1000969//Mouse chromosome 6 BAC-284H12 (Research Genetics mouse BAC library) complete sequence//1.0:155:63//AC002397
- 35 F-Y79AA1000976//Caenorhabditis elegans cosmid F54C1//4.3e-06:130:73//U88165
F-Y79AA1000985//Mus musculus pericentrin mRNA, complete cds//2.4e-44:428:77//U05823
F-Y79AA1001023
F-Y79AA1001041//Human mutY homolog (hMYH) gene, complete cds//2.3e-13:90:100//U63329
- 40 F-Y79AA1001048//Human mRNA for very-long-chain acyl-CoA dehydrogenase (VLCAD), complete cds//2.6e-28:772:60//D43682
F-Y79AA1001061//Homo sapiens chromosome 4 clone B331M8 map 4q25, complete sequence//9.4e-36:292:82//AC004701
F-Y79AA1001068//tipAL-AS complex: tipA=TipAL-AS [Streptomyces lividans, Genomic, 1146 nt]//0.17:537:59//S64314
- 45 F-Y79AA1001077//Zea mays mRNA for aldehyde oxidase-2, complete cds//0.17:231:64//D88452
F-Y79AA1001078
F-Y79AA1001105//Zebrafish otx2 mRNA for otx homeoprotein, complete cds//3.1e-63:529:77//D26173
F-Y79AA1001145//Homo sapiens clone GS166C05, WORKING DRAFT SEQUENCE, 7 unordered pieces//1.3e-23:228:76//AC005015
- 50 F-Y79AA1001167
F-Y79AA1001177//M.musculus mRNA for NfiX1-protein//4.0e-10:398:64//Y07688
F-Y79AA1001185//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 16915, WORKING DRAFT SEQUENCE//1.1e-113:666:90//Z93015
- 55 F-Y79AA1001211//HS_3124_B2_H08_MR CIT Approved Human Genomic Sperm Library D Homo sapiens genomic clone Plate=3124 Col=16 Row=P, genomic survey sequence//5.5e-12:87:96//AQ187492
F-Y79AA1001216
F-Y79AA1001228//Mycobacterium tuberculosis H37Rv complete genome; segment 143/162//0.028:188:67//

AL021841

F-Y79AA1001233//Human placental 17-beta-hydroxysteroid dehydrogenase mRNA, complete cds//3.5e-24:731:60//M36263

F-Y79AA1001236//Homo sapiens mRNA for JM23 protein, complete coding sequence (clone IMAGE 34581 and IMAGE 45355 and LLNLc1101133Q7 (RZPD Berlin)).//1.2e-133:441:97//AJ005892

F-Y79AA1001281//HS_2241_B2_F09_MF CIT Approved Human Genomic Sperm Library D Homo sapiens genomic clone Plate=2241 Col=18 Row=L, genomic survey sequence//5.0e-27:169:94//AQ217497

F-Y79AA1001299//Human Ini1 mRNA, complete cds//6.7e-115:323:93//U04847

F-Y79AA1001312

F-Y79AA1001323

F-Y79AA1001384

F-Y79AA1001391//Mus musculus transcription factor HOXA13 (Hoxa13) gene, complete cds//5.8e-42:245:74//U59322

F-Y79AA1001394//Caenorhabditis elegans cosmid F54B3, complete sequence//7.8e-18:636:58//Z48583

F-Y79AA1001402//Homo sapiens Chr.14 PAC RPC14-794B2 (Roswell Park Cancer Institute Human PAC Library) complete sequence//1.2e-110:738:85//AC005924

F-Y79AA1001493//H.sapiens DNA sequence//2.0e-27:254:82//Z22497

F-Y79AA1001511//Human DNA sequence from clone 931K24 on chromosome 20p12 Contains ESTs and GSSs, complete sequence//1.1e-158:804:95//AL034430

F-Y79AA1001533//Mouse mRNA for RNA polymerase I associated factor (PAF53), complete cds//1.7e-100:820:78//D14336

F-Y79AA1001541//HS_3197_A2_G11_MR CIT Approved Human Genomic Sperm Library D Homo sapiens genomic clone Plate=3197 Col=22 Row=M, genomic survey sequence//5.1e-28:218:86//AQ150183

F-Y79AA1001548//Homo sapiens chromosome 19, cosmid R28738, complete sequence//5.4e-21:167:86//AC004151

F-Y79AA1001555//R.norvegicus mRNA for drebrin A//0.88:463:59//X59267

F-Y79AA1001581//FMR1 {CGG repeats} [human, Fragile X syndrome patient, Genomic, 429 nt]//0.00051:252:65//S74494

F-Y79AA1001585//Human hypoxanthine phosphoribosyltransferase (HPRT) gene, complete cds//7.2e-33:375:76//M26434

F-Y79AA1001594

F-Y79AA1001603//Homo sapiens PAC 128M19 derived from chromosome 21q22.3, containing the HMG-14 and CHD5 genes, complete cds, complete sequence//4.2e-06:338:66//AF064861

F-Y79AA1001613//Homo sapiens mRNA for KIAA0683 protein, complete cds//0.024:520:57//AB014583

F-Y79AA1001647//Caenorhabditis elegans DNA *** SEQUENCING IN PROGRESS *** from clone Y53F4, WORKING DRAFT SEQUENCE//0.014:331:61//Z92860

F-Y79AA1001665//Human DNA sequence from clone 299D3 on chromosome 22q13.3, complete sequence//0.99:273:63//Z84468

F-Y79AA1001679//O.cuniculus lambda-crystallin mRNA, complete cds//1.2e-97:682:81//M22743

F-Y79AA1001692//insulin-like growth factor binding protein-2 [human, placenta, Genomic, 1292 nt, segment 1 of 4]//5.6e-05:426:59//S37712

F-Y79AA1001696//Rice endogenous double-stranded RNA encoding polyprotein (containing putative helicase and putative RNA-dependent RNA polymerase domains), complete cds//1.0:437:60//D32136

F-Y79AA1001705//M.musculus fkh-5 gene//0.18:153:64//X71943

F-Y79AA1001711//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 328E19, WORKING DRAFT SEQUENCE//5.4e-76:191:98//AL022240

F-Y79AA1001781//Homo sapiens genomic DNA, chromosome 21q22.2 (Down Syndrome region), segment 10/15, WORKING DRAFT SEQUENCE//0.99:227:63//AP000017

F-Y79AA1001805//H.sapiens CpG island DNA genomic MseI fragment, clone 13d12, reverse read cpg13d12.rt1c//2.6e-13:88:100//Z64565

F-Y79AA1001827//Oryctolagus cuniculus PiUS mRNA, complete cds//3.7e-130:775:88//U74297

F-Y79AA1001846//CIT-HSP-2300M6.TR CIT-HSP Homo sapiens genomic clone 2300M6, genomic survey sequence//8.3e-17:218:76//AQ012369

F-Y79AA1001848//Human mRNA for KIAA0390 gene, complete cds//4.2e-10:378:62//AB002388

F-Y79AA1001866//Rattus norvegicus Cys2/His2 zinc finger protein (rKr1) mRNA, complete cds//6.9e-41:441:71//U41164

F-Y79AA1001874//Homo sapiens hJAG2.del-E6 (JAG2) mRNA, alternatively spliced isoform of Jagged2, complete cds//0.00017:412:62//AF029779

- F-Y79AA1001875//CTT-HSP-2317G18.TR CIT-HSP Homo sapiens genomic clone 2317G18, genomic survey sequence.//1.9e-09:271:67//AQ042654
- F-Y79AA1001923//H.sapiens CpG island DNA genomic MseI fragment, clone 193c12, forward read cpg193c12.ft1a.//0.0031:108:75//Z60186
- 5 F-Y79AA1001963//CITBI-E1-2510J4.TR CITBI-E1 Homo sapiens genomic clone 2510J4, genomic survey sequence.//1.8e-05:56:100//AQ261184
- F-Y79AA1002027//Arabidopsis thaliana ubiquitin-conjugating enzyme 17 (UBC17) mRNA, complete cds.//3.3e-13:451:62//AF028340
- 10 F-Y79AA1002083//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 526I14, WORKING DRAFT SEQUENCE.//0.91:134:65//Z82214
- F-Y79AA1002089
- F-Y79AA1002093//Mus musculus transcription factor like protein 4 TCFL4 mRNA, partial cds.//1.2e-112:678:88//U43548
- F-Y79AA1002103//HS_3052_B1_H08_MR CIT Approved Human Genomic Sperm Library D Homo sapiens genomic clone Plate=3052 Col=15 Row=P, genomic survey sequence.//6.5e-18:238:72//AQ135014
- 15 F-Y79AA1002115
- F-Y79AA1002125//H.sapiens (D8S135) DNA segment containing GT repeat.//1.5e-14:99:96//X61693
- F-Y79AA1002139//Saccharomyces cerevisiae dnaJ homolog Hlj1p (HLJ1) gene, complete cds.//2.5e-07:208:64//U19358
- 20 F-Y79AA1002204//HS_2235_B2_D12_MF CIT Approved Human Genomic Sperm Library D Homo sapiens genomic clone Plate=2235 Col=24 Row=H, genomic survey sequence.//2.9e-13:89:98//AQ154260
- F-Y79AA1002208//CIT-HSP-2006M21.TV CIT-HSP Homo sapiens genomic clone 2006M21, genomic survey sequence.//3.7e-27:154:98//B56397
- F-Y79AA1002209//E.coli tyrS gene coding for tyrosyl-tRNA synthetase.//2.8e-05:143:70//J01719
- 25 F-Y79AA1002210//Homo sapiens chromosome 19, cosmid R28058, complete sequence.//8.3e-22:229:78//AC005615
- F-Y79AA1002211//Homo sapiens chromosome 17, clone HRPC1067M6, complete sequence.//1.0e-06:241:67//AC003043
- F-Y79AA1002220//CIT-HSP-2374P23.TR CIT-HSP Homo sapiens genomic clone 2374P23, genomic survey sequence.//1.3e-68:375:95//AQ109738
- 30 F-Y79AA1002229//Human mRNA for KIAA0086 gene, complete cds.//0.12:203:63//D42045
- F-Y79AA1002234//Homo sapiens mRNA for KIAA0692 protein, partial cds.//1.3e-174:821:98//AB014592
- F-Y79AA1002246//Homo sapiens clone GS166C05, WORKING DRAFT SEQUENCE, 7 unordered pieces.//0.50:470:60//AC005015
- 35 F-Y79AA1002258//Homo sapiens mRNA for KIAA0655 protein, partial cds.//6.8e-159:748:98//AB014555
- F-Y79AA1002298//Human density enhanced phosphatase-1 mRNA, complete cds.//0.036:278:62//U10886
- F-Y79AA1002307//Homo sapiens mRNA for KIAA0634 protein, partial cds.//6.4e-129:622:97//AB014534
- F-Y79AA1002311//R.norvegicus mRNA for cytosolic resiniferatoxin-binding protein.//2.0e-116:693:82//X67877
- F-Y79AA1002351//S.clavuligerus pah and cas genes.//1.0:369:58//X84101
- 40 F-Y79AA1002361//Rattus norvegicus mRNA for protein phosphatase 1 (GL-subunit).//5.4e-105:762:80//Y18208
- F-Y79AA1002399//Homo sapiens chromosome 17, clone hRPK.700_H_6, complete sequence.//1.0e-159:411:100//AC005920
- F-Y79AA1002407//Homo sapiens chromosome 17, clone hRPC.842_A_23, complete sequence.//1.1e-118:609:84//AC004662
- 45 F-Y79AA1002416//Mus musculus CTP synthetase homolog (CTPsH) mRNA, complete cds.//4.4e-90:529:88//U49385
- F-Y79AA1002431//Chlamydomonas reinhardtii novel protein kinase mRNA, complete cds.//1.0:166:66//U36196
- F-Y79AA1002433//CIT-HSP-384K8.TF CIT-HSP Homo sapiens genomic clone 384K8, genomic survey sequence.//0.24:85:72//B51917
- 50 F-Y79AA1002472//Homo sapiens chromosome 19, BAC CIT-B-393i15 (BC301323), complete sequence.//1.9e-13:242:69//AC006116
- F-Y79AA1002482//Homo sapiens full-length insert cDNA clone ZC18H06.//1.2e-35:462:71//AF088022
- F-Y79AA1002487//Bovine herpesvirus type 1 genes for UL[27,28,29,30,31].//0.93:215:60//X94677

55 Homology Search Result Data 3.

- [0303] The result of the homology search of the GenBank using the clone sequence of 3'-end except EST and STS.
- [0304] Data include

the name of clone,
 definition of the top hit data,
 the P-value: the length of the compared sequence: identity (%), and
 the Accession No. of the top hit data, as in the order separated by //.

[0305] Blank indicates that the 3'-end sequence corresponding to the 5'-end was not determined in the clone.

[0306] Data are not shown for the clones in which the P-value was higher than 1.

5
 [0305] Blank indicates that the 3'-end sequence corresponding to the 5'-end was not determined in the clone.
 [0306] Data are not shown for the clones in which the P-value was higher than 1.

10 R-HEMBA1000005//Mouse tumor cell dnaJ-like protein 1 mRNA, complete cds.//3.6e-60:504:78//L16953
 R-HEMBA1000030//F.rubripes GSS sequence, clone 063K10bD3, genomic survey sequence.//0.28:117:68//
 Z88864
 R-HEMBA1000042//RPC11-77G23.TV RPC11 Homo sapiens genomic clone R-77G23, genomic survey se-
 quence.//1.3e-56:292:97//AQ268240
 R-HEMBA1000046//Homo sapiens chromosome X map Xq28, complete sequence.//9.8e-56:401:82//U82696
 15 R-HEMBA1000050//Human cosmid insert containing polymorphic marker DXS455.//0.0010:175:68//L31948
 R-HEMBA1000076//Homo sapiens clone DJ1021120, WORKING DRAFT SEQUENCE, 6 unordered pieces.//4.9e-
 41:364:79//AC005520
 R-HEMBA1000111//Homo sapiens Xp22 BAC GSHB-519E5 (Genome Systems Human BAC library) complete
 sequence.//4.7e-30:229:84//AC003684
 20 R-HEMBA1000129//Homo sapiens chromosome 17, clone HCIT48C15, complete sequence.//2.4e-93:503:93//
 AC003104
 R-HEMBA1000141//Homo sapiens mRNA for KIAA0797 protein, partial cds.//6.5e-99:514:94//AB018340
 R-HEMBA1000150//Homo sapiens clone RG086D03, WORKING DRAFT SEQUENCE, 3 unordered pieces.//2.7e-
 37:289:83//AC005060
 25 R-NNNNNNNNNNNN//Homo sapiens scaffold attachment factor B (SAF-B) mRNA, partial cds.//3.1e-21:417:64//
 L43631
 R-HEMBA1000158
 R-NNNNNNNNNNNN
 R-HEMBA1000180//Plasmodium falciparum encoding Pfg27/25.//0.073:292:56//X84904
 30 R-HEMBA1000185//Homo sapiens clone DJ0693M11, WORKING DRAFT SEQUENCE, 7 unordered pieces.//
 5.3e-40:286:85//AC006146
 R-HEMBA1000193
 R-HEMBA1000201//Homo sapiens SNF5/INI1 gene, exon 9.//2.0e-24:137:99//Y17126
 R-HEMBA1000213//Caenorhabditis elegans cosmid C44C8.//0.025:192:68//AF100655
 35 R-HEMBA1000216//Human Chromosome 16 BAC clone CIT987SK-A-815A9, complete sequence.//2.5e-31:269:
 79//AF001548
 R-NNNNNNNNNNNN
 R-HEMBA1000231//Human DNA sequence from PAC 212P9 on chromosome 1p34.1-1p35. Contains delta opiate
 receptor, CpG island, CA repeat.//4.3e-24:400:68//AL009181
 40 R-HEMBA1000243//Homo sapiens chromosome 17, Neurofibromatosis 1 locus, complete sequence.//1.3e-19:
 319:69//AC004526
 R-HEMBA1000244
 R-HEMBA1000251//Meloidogyne hapla mitochondrial COII gene, 3' end of cds; transfer RNA-His gene; 16S ri-
 bosomal RNA gene; ND3 gene, complete cds; cytochrome b (cytb) gene, 5' end of cds.//0.16:338:60//L76262
 45 R-HEMBA1000264//Homo sapiens genomic DNA, chromosome 21q22.2 (Down Syndrome region), segment 5/15,
 WORKING DRAFT SEQUENCE.//0.00093:300:66//AP000012
 R-NNNNNNNNNNNN//Homo sapiens Xp22 BAC GSHB 526D21 (Genome Systems Human BAC library) complete
 sequence.//3.5e-10:238:70//AC003037
 R-HEMBA1000282//Arabidopsis thaliana BAC IG002P16.//0.71:344:60//AF007270
 50 R-HEMBA1000288//Homo sapiens Xp22 PACs RPC11-263P4 and RPC11-164K3 complete sequence.//4.8e-33:
 267:82//AC003046
 R-HEMBA1000290//Homo sapiens chromosome 17, clone HRPC837J1, complete sequence.//2.2e-15:249:69//
 AC004223
 R-HEMBA1000302//CIT-HSP-2173N10.TF CIT-HSP Homo sapiens genomic clone 2173N10, genomic survey se-
 quence.//1.0:215:61//B95105
 55 R-NNNNNNNNNNNN//Mus musculus Plenty of SH3s (POSH) mRNA, complete cds.//1.0e-77:551:82//AF030131
 R-NNNNNNNNNNNN//Rattus norvegicus Ca2+-dependent activator protein (CAPS) mRNA, complete cds.//2.0e-96:
 546:90//U16802

- R-HEMBA1000307//Mus musculus mRNA for CDV-1 protein//3.8e-36:315:68//Y10496
 R-HEMBA1000308//Plasmodium falciparum 3D7 chromosome 12 PFYAC181 genomic sequence, WORKING DRAFT SEQUENCE, 8 unordered pieces//0.078:379:59//AC005505
- 5 R-HEMBA1000338//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 620E11, WORKING DRAFT SEQUENCE//2.0e-33:399:72//AL031667
- R-HEMBA1000351//Homo sapiens complete genomic sequence between D16S3070 and D16S3275, containing Familial Mediterranean Fever gene disease//1.7e-39:272:87//AJ003147
 R-HEMBA1000355//Human primary Alu transcript//0.0045:67:85//U67829
 R-HEMBA1000357//Homo sapiens (subclone 9_h8 from PI H16) DNA sequence//8.7e-93:426:88//L42086
- 10 R-HEMBA1000366//Homo sapiens PAC clone DJ0942116 from 7q11, complete sequence//1.7e-12:130:83//AC006012
- R-HEMBA1000369//Human DNA sequence from clone 1039K5 on chromosome 22q12.3-13.2 Contains gene similar to PICK1 perinuclear binding protein, gene similar to monocarboxylate transporter (MCT3), ESTs, STS, GSS and a CpG island, complete sequence//1.9e-69:355:97//AL031587
- 15 R-HEMBA1000376//Homo sapiens chromosome 19, BAC CIT-B-393i15 (BC301323), complete sequence//3.7e-66:410:89//AC006116
- R-HEMBA1000387//Homo sapiens chromosome 17, clone HCIT169H9, WORKING DRAFT SEQUENCE, 6 unordered pieces//2.0e-43:363:81//AC002993
 R-HEMBA1000390//Homo sapiens BAC clone RG041D11 from 7q21, complete sequence//4.6e-23:417:69//AC005053
- 20 R-HEMBA1000392//Human Chromosome 11p14.3 PAC clone pDJ59m18, complete sequence//6.2e-05:174:68//AC004582
- R-HEMBA1000396//Homo sapiens DNA sequence from PAC 159A15 on chromosome Xp11.21-p11.23. Contains inter-alpha-trypsin inhibitor heavy chain H3 precursor-like protein//1.4e-62:564:77//AL022575
- 25 R-HEMBA1000411
- R-HEMBA1000418//Liverwort Marchantia polymorpha chloroplast genome DNA//0.94:210:60//X04465
 R-HEMBA1000422//CIT-HSP-2382A6.TR CIT-HSP Homo sapiens genomic clone 2382A6, genomic survey sequence//4.4e-12:98:92//AQ078233
- R-HEMBA1000428//Human DNA sequence from clone 393P23 on chromosome Xq21.1-21.33. Contains GSSs, complete sequence//2.0e-93:526:90//Z95400
- 30 R-HEMBA1000434//Homo sapiens clone DJ0309D19, WORKING DRAFT SEQUENCE, 12 unordered pieces//2.7e-07:452:60//AC004826
- R-HEMBA1000442//E.caballus microsatellite DNA, clone HMB4//0.39:135:62//Y07733
 R-HEMBA1000456//Plasmodium falciparum DNA *** SEQUENCING IN PROGRESS *** from contig 4-52, complete sequence//2.6e-05:174:70//AL010226
- 35 R-HEMBA1000459//Arabidopsis thaliana putative transmembrane protein G1p (AtG1), putative nuclear DNA-binding protein G2p (AtG2), Em1 protein (ATEM1), putative chlorophyll synthetase (AtG4), putative transmembrane protein G5p (AtG5), putative acyl-coA dehydrogenase (AtG6), and calcium dependent protein kinase genes, complete cds; and unknown genes//0.013:212:63//AF049236
- 40 R-HEMBA1000460//Homo sapiens PAC clone DJ0593H12 from 7p31, complete sequence//8.6e-114:556:98//AC004839
- R-HEMBA1000464//Caenorhabditis elegans cosmid C34B7, complete sequence//0.086:334:61//Z83220
 R-HEMBA1000469//Homo sapiens BAC clone RG442F18 from 2, complete sequence//1.8e-52:472:79//AC005104
- 45 R-HEMBA1000488//, complete sequence//3.3e-68:200:99//AC005500
- R-HEMBA1000490//Caenorhabditis elegans cosmid Y53C12B, complete sequence//0.97:233:6//Z99278
 R-HEMBA1000491
- R-HEMBA1000504//Plasmodium falciparum DNA *** SEQUENCING IN PROGRESS *** from contig 3-64, complete sequence//1.7e-08:440:60//AL009014
- 50 R-HEMBA1000505//Homo sapiens genomic DNA of 8p21.3-p22 anti-oncogene of hepatocellular colorectal and non-small cell lung cancer, segment 1/11//0.37:189:62//AB020858
- R-HEMBA1000508//Human DNA sequence from cosmid V210E9, between markers DXS366 and DXS87 on chromosome X//1.1e-25:248:80//Z70280
- R-HEMBA1000518//RPCI11-6022.TV RPCI-11 Homo sapiens genomic clone RPCI-11-6022, genomic survey sequence//0.0035:293:61//B49544
- 55 R-HEMBA1000519
- R-HEMBA1000520//Arabidopsis thaliana chromosome II BAC F10A12 genomic sequence, complete sequence//0.30:255:63//AC006232

- R-HEMBA1000523//Human cleavage stimulation factor 77kDa subunit mRNA, complete cds.//1.2e-53:203:92//U15782
- R-HEMBA1000531//CIT-HSP-388J17.TR CIT-HSP Homo sapiens genomic clone 388J17, genomic survey sequence.//2.7e-24:137:99//B55638
- 5 R-HEMBA1000540//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 510D11, WORKING DRAFT SEQUENCE.//0.00014:329:60//Z98044
- R-HEMBA1000545//Homo sapiens Xp22 BAC GS-619J3 (Genome Systems Human BAC library) complete sequence.//6.9e-87:552:87//AC004103
- 10 R-nnnnnnnnnnnn//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 134019, WORKING DRAFT SEQUENCE.//8.9e-121:584:98//AL034555
- R-HEMBA1000557//Homo sapiens Chromosome 16 BAC clone CIT987SK-44M2, complete sequence.//5.7e-45:307:87//AC004381
- R-HEMBA1000561//Mus musculus clone OST20235, genomic survey sequence.//1.3e-43:279:90//AF046762
- R-HEMBA1000563//Plasmodium falciparum chromosome 2, section 5 of 73 of the complete sequence.//3.8e-05:506:56//AE001368
- 15 R-HEMBA1000568//RPC111-49P8.TK.1 RPC111 Homo sapiens genomic clone R-49P8, genomic survey sequence.//1.7e-101:498:97//AQ116293
- R-nnnnnnnnnnnn
- 20 R-HEMBA1000575//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 754E20, WORKING DRAFT SEQUENCE.//1.3e-47:458:75//AL022335
- R-HEMBA1000588//Mus musculus FLI-LRR associated protein-1 mRNA, complete cds.//2.9e-62:447:81//AF045573
- R-HEMBA1000591//Homo sapiens mRNA for E1B-55kDa-associated protein.//1.2e-111:591:9411AJ007509
- 25 R-HEMBA1000592//Plasmodium falciparum DNA *** SEQUENCING IN PROGRESS *** from contig 4-10, complete sequence.//3.5e-09:421:60//AL010216
- R-HEMBA1000594//Homo sapiens clone RG004N09, WORKING DRAFT SEQUENCE, 5 unordered pieces.//1.1e-15:421:66//AC005044
- R-HEMBA1000604//HS_2220_A1_G10_MF CIT Approved Human Genomic Sperm Library D Homo sapiens genomic clone Plate=2220 Col=19 Row=M, genomic survey sequence.//1.0e-51:306:92//AQ151991
- 30 R-HEMBA1000608
- R-HEMBA1000622//H.sapiens CpG island DNA genomic Mse1 fragment, clone 155e4, reverse read cpg155e4.rt1a.//4.5e-16:105:98//Z56962
- R-HEMBA1000636//Homo sapiens genomic DNA, chromosome 21q22.2 (Down Syndrome region), segment 1/15, WORKING DRAFT SEQUENCE.//4.8e-62:421:86//AP000008
- 35 R-HEMBA1000637//Homo sapiens mRNA for KIAA0690 protein, partial cds.//1.2e-97:443:97//AB014590
- R-HEMBA1000655//Homo sapiens chromosome 19, cosmid R26349, complete sequence.//9.8e-61:311:90//AC005953
- R-HEMBA1000657
- R-HEMBA1000662
- 40 R-HEMBA1000673//Human DNA sequence from PAC 448E20 on chromosome Xq26.1 contains ESTs and STS.//1.0e-13:351:63//Z97196
- R-HEMBA1000682//Homo sapiens clone DJ1136G02, WORKING DRAFT SEQUENCE, 4 unordered pieces.//1.2e-50:298:79//AC005377
- R-HEMBA1000686//HS_3018_B1_H10_T7 CIT Approved Human Genomic Sperm Library D Homo sapiens genomic clone Plate=3018 Col=19 Row=P, genomic survey sequence.//0.00048:210:62//AQ093513
- 45 R-HEMBA1000702//Homo sapiens clone DJ241P17, WORKING DRAFT SEQUENCE, 7 unordered pieces.//9.7e-54:317:88//AC005000
- R-HEMBA1000705//Glossonotus uhivittatus 12S mitochondrial ribosomal RNA, small subunit, mitochondrial gene, partial sequence.//0.080:138:65//U77850
- 50 R-HEMBA1000719//Rattus norvegicus mRNA for TESK1, complete cds.//0.96:291:58//D50864
- R-HEMBA1000722
- R-HEMBA1000726//Homo sapiens PAC clone DJ0701016 from 7q33-q36, complete sequence.//4.4e-26:284:77//AC005531
- R-HEMBA1000727//Plasmodium falciparum DNA *** SEQUENCING IN PROGRESS *** from contig 4-89, complete sequence.//9.1e-05:351:60//AL010266
- 55 R-HEMBA1000747//Homo sapiens DNA sequence from PAC 124C6 on chromosome 6q21. Contains genomic marker D6S1603, ESTs, GSSs and a STS with a CA repeat polymorphism, complete sequence.//2.5e-16:123:93//AL021326

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R-HEMBA1000749//Human Chromosome 16 BAC clone CIT987SK-327O24, complete sequence//2.8e-32:298:79//AC003108

R-HEMBA1000752//Human DNA sequence from PAC 50A13 on chromosome Xp11. Contains ATP SYNTHASE LIPID BINDING PROTEIN P1 (P2, P3) precursor (ATP5G1, ATP5G2, ATP5G3) like pseudogene, ESTs and STSs. Contains polymorphic CA repeat.//2.8e-90:542:90//Z92545

5 R-HEMBA1000769//Homo sapiens P1 clone GSP13996 from 5q12, complete sequence.//2.7e-36:405:75//AC005031

R-HEMBA1000773//HS_3050_A2_B08_MF CIT Approved Human Genomic Sperm Library D Homo sapiens genomic clone Plate=3050 Col=16 Row=C, genomic survey sequence.//0.00053:268:60//AQ105619

10 R-HEMBA1000774//Homo sapiens PAC clone DJ0630C24 from 7q31-q32, complete sequence.//4.7e-46:338:85//AC004690

R-HEMBA1000791//***ALU WARNING: Human Alu-Sc subfamily consensus sequence.//5.3e-47:279:91//U14571

R-HEMBA1000817//Sequence 1 from Patent WO 8904839.//0.86:148:67//I09339

R-HEMBA1000822//T.brucei kinetoplast maxicircle variable region DNA.//0.00061:246:61//Z15118

15 R-HEMBA1000827//Homo sapiens Ser/Arg-related nuclear matrix protein (SRM160) mRNA, complete cds.//6.9e-43:228:98//AF048977

R-HEMBA1000843//Homo sapiens DNA sequence from clone 511B24 on chromosome 20q11.2-12. Contains the TOP1 gene for Topoisomerase I, the PLCG1 gene for 1-Phosphatidylinositol-4,5-Bisphosphate Phosphodiesterase Gamma 1 (EC 3.1.4.11, PLC-Gamma-1, Phospholipase C-Gamma-1 PLC-II, PLC-148), the KIAA0395 gene for a probable Zinc Finger Homeobox protein and a 60S Ribosomal Protein L23 LIKE pseudogene. Contains a predicted CpG island, ESTs, STSs and GSSs, complete sequence.//1.7e-41:319:84//AL022394

20 R-HEMBA1000851//Arabidopsis thaliana chromosome I BAC T14N5 genomic sequence, complete sequence.//0.40:168:67//AC004260

R-HEMBA1000852//Homo sapiens Xp22 bins 3-5 PAC RPCI4-617A9 (Roswell Park Cancer Institute Human PAC Library) containing Arylsulfatase D and E genes, complete sequence.//1.5e-112:572:96//AC005295

25 R-HEMBA1000867//Homo sapiens clone DJ0971C03, WORKING DRAFT SEQUENCE, 18 unordered pieces.//0.11:121:71//AC004938

R-HEMBA1000869//Homo sapiens chromosome 16p11.2 BAC clone CIT987SK-A-180G2, WORKING DRAFT SEQUENCE, 5 unordered pieces.//3.2e-22:186:76//AC002042

30 R-HEMBA1000870//Human BAC clone GS542D18 from 7q31-q32, complete sequence.//0.0060:283:63//AC002528

R-HEMBA1000872//Rattus norvegicus polymorphic satellite repetitive elements.//3.8e-05:269:61//M98801

R-HEMBA1000876//Homo sapiens chromosome 12p13.3 clone RPCI1-96H9, WORKING DRAFT SEQUENCE, 66 unordered pieces.//6.5e-38:327:77//AC006057

35 R-HEMBA1000908//CIT-HSP-2373I4.TR CIT-HSP Homo sapiens genomic clone 2373I4, genomic survey sequence.//5.0e-34:221:90//AQ108658

R-HEMBA1000910//T.pigmentosa UM1060 macronuclear rDNA telomeric region 3' term.//0.19:280:61//X04205

R-HEMBA1000918//RPCI11-68E14.TK RPCI11 Homo sapiens genomic clone R-68E14, genomic survey sequence.//1.3e-32:172:100//AQ267293

40 R-HEMBA1000919

R-HEMBA1000934//Homo sapiens DNA sequence from PAC.874C20 on chromosome 6p22.1-22.3. Contains a Zinc Finger Protein ZFP47 LIKE gene, a Zinc Finger Protein pseudogene and a Zinc Finger Protein SRE-ZBP pseudogene. Contains ESTs, STSs and GSSs, complete sequence.//2.6e-18:284:71//AL021997

R-HEMBA1000942//Homo sapiens clone RG350L10, WORKING DRAFT SEQUENCE, 15 unordered pieces.//1.4e-17:217:76//AC005098

45 R-HEMBA1000943//Homo sapiens chromosome 17, clone hRPK.640_I_15, complete sequence.//9.0e-113:586:95//AC005324

R-HEMBA1000946//T5N8TFB TAMU Arabidopsis thaliana genomic clone T5N8, genomic survey sequence.//0.030:369:59//B26224

50 R-HEMBA1000960//Homo sapiens clone RG339C12, WORKING DRAFT SEQUENCE, 10 unordered pieces.//2.5e-52:494:77//AC005096

R-HEMBA1000968//Homo sapiens P1 clone 797a11 containing MHC class II DQ-beta (HLA-DQB) and MHC class II DC-alpha (HLA-DCA) genes, complete cds.//3.5e-77:568:83//U92032

R-HEMBA1000971//RPCI11-54D1.TJ RPCI11 Homo sapiens genomic clone R-54D1, genomic survey sequence.//2.3e-27:153:98//AQ081552

55 R-HEMBA1000972//Human DNA sequence from clone 111F4 on chromosome Xq23 Contains GSSs, complete sequence.//7.3e-43:375:79//AL023876

R-HEMBA1000974//Homo sapiens clone DA0091H08, complete sequence.//2.8e-104:521:97//AC004817

- R-HEMBA1000975//Human DNA sequence from clone 105D16 on chromosome Xp11.3-11.4 Contains pseudogene similar to laminin-binding protein, CA repeat, STS, complete sequence.//8.0e-22:352:68//AL031311
- R-HEMBA1000985//Homo sapiens PAC clone DJ0797C05 from 7q31, complete sequence.//8.5e-05:306:63//AC004888
- 5 R-HEMBA1000986//Homo sapiens clone RG031N19, WORKING DRAFT SEQUENCE, 1 unordered pieces.//5.7e-37:296:83//AC005632
- R-HEMBA1000991//RPCI11-22017.TVB RPCI-11 Homo sapiens genomic clone RPCI-11-22017, genomic survey sequence.//6.5e-44:162:90//AQ008952
- R-HEMBA1001007
- 10 R-HEMBA1001008//Homo sapiens chromosome 16, P1 clone 79-2A (LANL), complete sequence.//0.082:313:60//AC005365
- R-HEMBA1001009//O.sativa csr40g2 gene.//0.99:203:62//Y08987
- R-HEMBA1001017//Homo sapiens mRNA for KIAA0468 protein, complete cds.//1.0e-113:587:95//AB007937
- R-HEMBA1001019//Bos taurus cyclin-dependent kinase 1 (cdk1/cdc2) mRNA, complete cds.//7.4e-24:215:82//L26547
- 15 R-HEMBA1001020//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 732E4, WORKING DRAFT SEQUENCE.//2.8e-18:449:64//AL008722
- R-HEMBA1001022
- R-HEMBA1001024//Homo sapiens BAC clone 393I22 from 8q21, complete sequence.//6.6e-48:536:74//AF070717
- 20 R-HEMBA1001026//T33H14TF TAMU Arabidopsis thaliana genomic clone T33H14, genomic survey sequence.//0.013:180:66//B97363
- R-HEMBA1001052//Caenorhabditis elegans cosmid R10H10, complete sequence.//1.2e-25:438:65//Z70686
- R-HEMBA1001051//Homo sapiens 12q24.1 PAC RPCI3-521E19 (Roswell Park Cancer Institute Human PAC library) complete sequence.//7.3e-38:188:89//AC004217
- 25 R-HEMBA1001052//Rabbit alpha-1-globin gene to theta-1-globin pseudogene region.//2.4e-24:279:74//X04751
- R-HEMBA1001060//HS_2056_B1_C01_MR CIT Approved Human Genomic Sperm Library D Homo sapiens genomic clone Plate=2056 Col=1 Row=F, genomic survey sequence.//4.1e-14:137:83//AQ245004
- R-HEMBA1001071//M.musculus COL3A1 gene for collagen alpha-I.//6.9e-38:513:70//X52046
- 30 R-HEMBA1001077//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 150C2, WORKING DRAFT SEQUENCE.//1.9e-22:507:61//AL022318
- R-HEMBA1001080
- R-HEMBA1001085//Human Chromosome 15q26.1 PAC clone pDJ290i21 containing fur, fes, and alpha mannosidase IIx genes, WORKING DRAFT SEQUENCE, 9 unordered pieces.//2.2e-43:317:83//AC004586
- 35 R-HEMBA1001088//Caenorhabditis elegans cosmid C18H7.//0.46:301:60//AF067607
- R-HEMBA1001094//Homo sapiens clone RG491N20, complete sequence.//5.3e-98:501:96//AC005105
- R-HEMBA1001099
- R-HEMBA1001109//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 118J21, WORKING DRAFT SEQUENCE.//3.1e-39:335:80//AL033527
- 40 R-HEMBA1001121//Human cosmid LL12NC01-132B11A, ETV6 gene, intron 2.//9.8e-11:122:81//U81833
- R-HEMBA1001122//Plasmodium falciparum MAL3P6, complete sequence.//0.0024:284:63//Z98551
- R-HEMBA1001123//Human NFE genomic fragment.//3.6e-26:318:72//M98511
- R-HEMBA1001133
- R-HEMBA1001137//Homo sapiens full-length insert cDNA clone ZD29F04.//4.2e-88:426:98//AF086241
- 45 R-HEMBA1001140//Homo sapiens clone RG228D17, WORKING DRAFT SEQUENCE, 2 unordered pieces.//4.0e-41:304:84//AC005077
- R-HEMBA1001172//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 54B20, WORKING DRAFT SEQUENCE.//3.7e-36:261:85//Z98304
- R-HEMBA1001174//Plasmodium falciparum chromosome 2, section 35 of 73 of the complete sequence.//1.0:219:58//AE001398
- 50 R-HEMBA1001197
- R-HEMBA1001208//HS_2233_A1_G10_MF CIT Approved Human Genomic Sperm Library D Homo sapiens genomic clone Plate=2233 Col=19 Row=M, genomic survey sequence.//0.083:174:68//AQ170789
- R-HEMBA1001226//Homo sapiens clone DJ1136G02, WORKING DRAFT SEQUENCE, 4 unordered pieces.//5.1e-59:553:75//AC005377
- 55 R-HEMBA1001235//RPCI11-50E6.TJ RPCI11 Homo sapiens genomic clone R-50E6, genomic survey sequence.//2.6e-08:97:76//AQ052666
- R-HEMBA1001247//Caenorhabditis elegans cosmid C01Fi.//2.4e-05:319:63//U58761

- R-HEMBA1001257//Rattus norvegicus alpha-methylacyl-CoA racemase mRNA, complete cds.//1.5e-24:439:66//U89905
- R-HEMBA1001265//Homo sapiens BAC clone RG139P11 from 7q11-q21, complete sequence.//9.9e-21:537:63//AC004491
- 5 R-HEMBA1001286//Homo sapiens chromosome 17, clone HCIT75G16, complete sequence.//0.022:169:65//AC003042
- R-HEMBA1001289
- R-HEMBA1001294//HS_3219_A2_G01_T7 CIT Approved Human Genomic Sperm Library D Homo sapiens genomic clone Plate=3219 Col=2 Row=M, genomic survey sequence.//0.24:251:63//AQ189882
- 10 R-HEMBA1001299//Homo sapiens, clone hRPK.12_A_1, complete sequence.//1.3e-38:381:76//AC006222
- R-HEMBA1001302//cDNA encoding a human homologue of a mouse novel polypeptide derived from stromal cell.//4.1e-28:114:92//E12258
- R-HEMBA1001303//Plasmodium falciparum DNA *** SEQUENCING IN PROGRESS *** from MAL1P1, WORKING DRAFT SEQUENCE.//0.00011:382:58//AL031744
- 15 R-HEMBA1001310
- R-HEMBA1001319//Plasmodium falciparum 3D7 chromosome 12 PFYAC1383 genomic sequence, WORKING DRAFT SEQUENCE, 3 unordered pieces.//4.2e-09:491:58//AC005504
- R-HEMBA1001323//Drosophila yakuba mitochondrial DNA molecule.//8.3e-06:485:60//X03240
- 20 R-HEMBA1001326//Homo sapiens DNA sequence from BAC 55C20 on chromosome 6. Contains a Spinal Muscular Atrophy (SMA3) LIKE gene overlapping with a beta-glucuronidase LIKE pseudogene. Contains a membrane protein LIKE pseudogene, a Glyceraldehyde 3-phosphate dehydrogenase (GAPDH) LIKE pseudogene, five predicted tRNA genes. Contains ESTs, GSSs (BAC end sequences) and a CA repeat polymorphism, complete sequence.//2.2e-14:277:69//AL021368
- 25 R-HEMBA1001327//Human DNA sequence from clone 522P13 on chromosome 6p21.31-22.3. Contains a 60S Ribosomal Protein L21 pseudogene and an HNRNP A3 (Heterogenous Nuclear Riboprotein A3, FBRNP) pseudogene. Contains ESTs, STSs and GSSs, complete sequence.//0.15:360:61//AL024509
- R-HEMBA1001330//Homo sapiens 12q24 PAC RPC11-66E7 (Roswell Park Cancer Institute Human PAC library) complete sequence.//1.3e-27:481:67//AC004216
- 30 R-HEMBA1001351//Homo sapiens chromosome 18, clone hRPK.474_N_24, complete sequence.//7.1e-45:252:94//AC006238
- R-HEMBA1001361//Homo sapiens chromosome 9, clone hRPK.202_H_3, complete sequence.//1.4e-113:569:97//AC006241
- R-HEMBA1001375//Homo sapiens full-length insert cDNA clone ZE09H03.//2.8e-89:428:99//AF086542
- 35 R-HEMBA1001377//Homo sapiens PAC clone DJ0728D04, complete sequence.//2.3e-32:324:77//AC004865
- R-HEMBA1001383
- R-HEMBA1001387
- R-HEMBA1001388//Homo sapiens clone RG189J21, WORKING DRAFT SEQUENCE, 15 unordered pieces.//8.9e-06:108:83//AC005073
- 40 R-HEMBA1001391//Yeast mitochondrial aapl gene for ATPase subunit 8.//7.3e-08:500:59//X00960
- R-HEMBA1001398//Homo sapiens genomic DNA, chromosome 21q11.1, segment 21/28, WORKING DRAFT SEQUENCE.//2.3e-48:315:88//AP000050
- R-HEMBA1001405//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 50024, WORKING DRAFT SEQUENCE.//5.5e-35:464:68//AL034380
- 45 R-HEMBA1001407
- R-HEMBA1001411//Yeast (S.cerevisiae) mitochondria Ser-tRNA-UCN gene and flanks.//0.00029:301:62//K01981
- R-HEMBA1001413
- R-HEMBA1001415//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 410I8, WORKING DRAFT SEQUENCE.//5.6e-101:512:96//AL031732
- 50 R-HEMBA1001432//Homo sapiens clone DJ0693M11, WORKING DRAFT SEQUENCE, 7 unordered pieces.//6.3e-37:302:81//AC006146
- R-HEMBA1001433//Human DNA sequence from PAC 339A18 on chromosome Xp11.2. Contains KIAA0178 gene, similar to mitosis-specific chromosome segregation protein SMC1 of S.cerevisiae, DNA binding protein similar to URE-B1, ESTs and STS.//1.9e-32:242:79//Z97054
- 55 R-HEMBA1001435//Homo sapiens chromosome 21, Neurofibromatosis 1 (NF1) related locus, complete sequence.//5.7e-59:457:82//AC004527
- R-HEMBA1001442//Human DNA sequence from PAC 507I15 on chromosome Xq26.3-27.3. Contains 60S ribosomal protein L44 (L41, L36) like gene, ESTs, STSs and a polymorphic CA repeat.//0.051:276:63//Z98950

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R-HEMBA1001446//HS_3207_A1_A08_MR CIT Approved Human Genomic Sperm Library D Homo sapiens genomic clone Plate=3207 Col=15 Row=A, genomic survey sequence.//8.9e-06:119:73//AQ175385
R-HEMBA1001450//Homo sapiens BAC clone RG114B19 from 7q31.1, complete sequence.//0.0043:266:63//AC005065
5 R-HEMBA1001454//Homo sapiens PAC clone DJ0673011 from 7q31, complete sequence.//7.1e-25:210:82//AC004855
R-HEMBA1001455//Homo sapiens chromosome 17, clone hRPK.640_I_15, complete sequence.//2.7e-08:316:62//AC005324
R-HEMBA1001463//Homo sapiens chromosome 17, clone hRPK.1064_E_11, complete sequence.//0.57:219:60//10 AC005208
R-HEMBA1001476//Homo sapiens clone DJ0607J02, WORKING DRAFT SEQUENCE, 12 unordered pieces.//9.3e-50:252:80//AC004840
R-HEMBA1001478
R-HEMBA1001497
15 R-HEMBA1001510//Human HLA class III region containing cAMP response element binding protein-related protein (CREB-RP) and tenascin X (tenascin-X) genes, complete cds, complete sequence.//3.5e-41:282:86//U89337
R-HEMBA1001515//Human DNA sequence from PAC 238J17 on chromosome 6q22. Contains EST and STS.//1.9e-79:529:86//Z98753
R-HEMBA1001517//Homo sapiens BAC clone RG459N13 from 7p15, complete sequence.//4.3e-18:335:71//20 AC004549
R-HEMBA1001522
R-HEMBA1001526//Human DNA sequence from cosmid 444G9 from a contig from the tip of the short arm of chromosome 16, spanning 2Mb of 16p13.3 Contains ESTs and CpG islands.//5.6e-08:265:67//Z98258
R-HEMBA1001533//Human DNA sequence from PAC 179M20 on chromosome 20q12-13.1. Contains adenosine deaminase (ADA), placental protein Diff33, CA repeat, ESTs, STS.//7.8e-16:235:72//Z97053
25 R-HEMBA1001557
R-HEMBA1001566//Human Chromosome X clone bWXD187, complete sequence.//2.2e-44:416:78//AC004383
R-HEMBA1001569//Sequence 15 from patent US 5693476.//1.8e-59:389:88//I77040
R-HEMBA1001570//Homo sapiens PAC clone DJ0844F09 from 7p12-p13, complete sequence.//1.1e-44:316:87//30 AC004453
R-HEMBA1001579//Plasmodium falciparum 3D7 chromosome, 12 PFYAC357 genomic sequence, WORKING DRAFT SEQUENCE, 7 unordered pieces.//0.0047:437:60//AC005506
R-HEMBA1001581//P.falciparum complete gene map of plastid-like DNA (IR-B).//2.3e-07:491:58//X95276
R-HEMBA1001585//Caenorhabditis elegans cosmid C06A6.//0.68:224:62//U41012
35 R-HEMBA1001589
R-HEMBA1001595//CIT-HSP-2349G19.TF CIT-HSP Homo sapiens genomic clone 2349G19, genomic survey sequence.//8.0e-69:337:99//AQ060483
R-HEMBA1001608//Homo sapiens chromosome 17, clone HCIT462L7, complete sequence.//9.5e-59:514:78//AC005177
40 R-HEMBA1001620//S.polyrrhiza mRNA for D-myo-inositol-3-phosphate synthase.//4.5e-12:289:65//Z11693
R-nnnnnnnnnnnnn//HS_2195_A1_E09_MF CIT Approved Human Genomic Sperm Library D Homo sapiens genomic clone Plate=2195 Col=17 Row=I, genomic survey sequence.//5.8e-09:358:58//AQ292688
R-HEMBA1001636//Human putative potassium channel subunit (h-erg) mRNA, complete cds.//0.77:225:59//U04270
45 R-HEMBA1001640//Human DNA sequence from PAC 50J22 on chromosome 6p21. Contains ETS related protein TEL like and GS2 like genes, ESTs and an STS.//6.0e-49:404:79//Z84484
R-nnnnnnnnnnnnn
R-HEMBA1001655//Homo sapiens chromosome 5, BAC clone 194j18 (LBNL H158), complete sequence.//1.1e-103:532:95//AC005368
50 R-HEMBA1001658//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone Y313F4, WORKING DRAFT SEQUENCE.//1.0:197:64//AL023808
R-HEMBA1001661//Homo sapiens chromosome 5p, BAC clone 50g21 (LBNL H154), complete sequence.//1.5e-100:457:93//AC005740
R-HEMBA1001672//Homo sapiens methyl-CpG binding protein MBD3. (MBD3) mRNA, complete cds.//1.2e-90:496:91//AF072247
55 R-HEMBA1001675
R-HEMBA1001678//Homo sapiens voltage dependent anion channel protein mRNA, complete cds.//1.3e-101:534:94//AF038962

- R-HEMBA1001681//CIT-HSP-2345M7.TF CIT-HSP Homo sapiens genomic clone 2345M7, genomic survey sequence.//0.21:124:68//AQ056593
- R-HEMBA1001702//Homo sapiens 12q13.1 PAC RPC11-228P16 (Roswell Park Cancer Institute Human PAC Library) complete sequence.//8.3e-06:279:63//AC004801
- 5 R-HEMBA1001709//Homo sapiens mRNA for KIAA0698 protein, complete cds.//1.9e-96:483:96//AB014598
- R-HEMBA1001711//Human HepG2 3' region cDNA, clone hmd2b02.//2.3e-31:169:100//D16886
- R-HEMBA1001712//HS-1015-B1-E01-MR.abi CIT Human Genomic Sperm Library C Homo sapiens genomic clone Plate=CT 790 Col=1 Row=J, genomic survey sequence.//0.0025:200:65/B32577
- 10 R-HEMBA1001714//Rattus norvegicus mitochondrial ATPase inhibitor gene, complete cds.//6.6e-27:316:75//U12250
- R-HEMBA1001718//CIT-HSP-2171J2.TR CIT-HSP Homo sapiens genomic clone 2171J2, genomic survey sequence.//3.1e-41:167:87//B89781
- R-HEMBA1001723//Rattus norvegicus EH domain binding protein Epsin mRNA, complete cds.//0.53:275:61//AF018261
- 15 R-HEMBA1001731//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 322P7, WORKING DRAFT SEQUENCE.//2.9e-48:292:84//AL023799
- R-HEMBA1001734//Homo sapiens Chromosome 15q22.3-23 PAC 88m3, WORKING DRAFT SEQUENCE, 2 ordered pieces.//3.2e-33:290:81//AC005959
- R-HEMBA1001744//Human DNA sequence from clone 134E15 on chromosome 6q21 Contains Blimp-1, apoptosis specific protein similar to yeast APG5 ESTs, GSSs and retroviral sequence, complete sequence.//0.98:203:62//AL022067
- 20 R-HEMBA1001745//Homo sapiens BAC clone RG298G08 from 7p15-p21, complete sequence.//0.00019:312:59//AC005084
- R-HEMBA1001746//Plasmodium falciparum 3D7 chromosome 12 PFYAC812 genomic sequence, WORKING DRAFT SEQUENCE, 8 unordered pieces.//0.045:457:61//AC004153
- 25 R-HEMBA1001761//Homo sapiens chromosome X, clone hCIT.200.L.4, complete sequence.//3.8e-39:331:80//AC006121
- R-HEMBA1001781//Homo sapiens Xp22 BAC GSHB-590J6 (Genome Systems Human BAC library) complete sequence.//0.0062:245:60//AC004554
- 30 R-HEMBA1001784//Homo sapiens chromosome 5p, BAC clone 50g21 (LBNL H154), complete sequence.//2.1e-22:370:63//AC005740
- R-HEMBA1001791//Human DNA sequence from clone 931E15 on chromosome Xq25. Contains STSs, GSSs and genomic marker DXS8098, complete sequence.//3.0e-50:408:80//AL023575
- R-HEMBA1001800//CIT-HFP-2049N5.TF CIT-HSP Homo sapiens genomic clone 2049N5, genomic survey sequence.//9.0e-37:335:77//AQ009222
- 35 R-HEMBA1001803//Plasmodium falciparum 3D7 chromosome 12 PFYAC357 genomic sequence, WORKING DRAFT SEQUENCE, 7 unordered pieces.//0.86:536:56//AC005506
- R-nnnnnnnnnnnn//Mouse interleukin 2 receptor (p55 IL-2R) mRNA, 5' end.//2.9e-93:553:89//M21977
- 40 R-HEMBA1001808//Homo sapiens mRNA, chromosome 1 specific transcript KIAA0500.//2.8e-112:548:98//AB007969
- R-HEMBA1001809
- R-HEMBA1001815//Homo sapiens Xp22 BAC GS-321G17 (Genome Systems Human BAC library) complete sequence.//2.6e-48:363:84//AC004025
- R-HEMBA1001819//Homo sapiens *** SEQUENCING IN PROGRESS *** from PAC 1577, WORKING DRAFT SEQUENCE.//1.1e-15:275:68//AJ009612
- 45 R-HEMBA1001820//HS_3022_B1_A09_T7 CIT Approved Human Genomic Sperm Library D Homo sapiens genomic clone Plate=3022 Col=17 Row=B, genomic survey sequence.//0.00054:335:59//AQ165107
- R-nnnnnnnnnnnn//Xenopus laevis intersectin mRNA, complete cds.//1.4e-19:533:63//AF032118
- R-HEMBA1001824//S.clavuligerus linear plasmid pSCL (complete sequence).//0.62:189:65//X54107
- 50 R-HEMBA1001835//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 191J18, WORKING DRAFT SEQUENCE.//1.0:450:60//AL024507
- R-HEMBA1001844//Human familial Alzheimer's disease (STM2) gene, complete cds.//1.6e-07:170:68//U50871
- R-HEMBA1001847
- R-HEMBA1001861//Homo sapiens mRNA for KIAA0617 protein, complete cds.//3.3e-108:553:96//AB014517
- 55 R-HEMBA1001864//Homo sapiens genomic DNA, 21q22.1 region, clone: Q82F5A16, genomic survey sequence.//1.7e-14:245:67//AG002463
- R-HEMBA1001866//HS_2258_B2_D01_MR CIT Approved Human Genomic Sperm Library D Homo sapiens genomic clone Plate=2258 Col=2 Row=H, genomic survey sequence.//2.8e-39:397:75//AQ221138

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R-nnnnnnnnnnn/Homo sapiens BAC clone RG114B19 from 7q31.1, complete sequence.//5.9e-56:303:94//AC005065

R-HEMBA1001888/Homo sapiens Xp22-150 BAC GSHB-309P15 (Genome Systems Human BAC Library) complete sequence.//1.7e-43:281:88//AC006210

5 R-HEMBA1001896

R-HEMBA1001910

R-HEMBA1001912/Homo sapiens chromosome 5, P1 clone 1308e5 (LBNL H13), complete sequence.//0.10:307:61//AC004775

R-HEMBA1001913

10 R-HEMBA1001915/HS_2037_A1_E12_MR CIT Approved Human Genomic Sperm Library D Homo sapiens genomic clone Plate=2037 Col=23 Row=I, genomic survey sequence.//0.071:206:64//AQ233106

R-HEMBA1001918/Homo sapiens chromosome 5, P1 clone 1308e5 (LBNL H13), complete sequence.//0.97:449:59//AC004775

R-HEMBA1001921/Homo sapiens germinal center kinase related protein kinase mRNA, complete cds.//2.0e-105:534:96//AF000145

15 R-HEMBA1001939/Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 508I15, WORKING DRAFT SEQUENCE.//4.6e-13:120:82//AL021707

R-HEMBA1001940/Homo sapiens clone DJ1093116, WORKING DRAFT SEQUENCE, 5 unordered pieces.//2.2e-36:301:81//AC005629

20 R-HEMBA1001942/Human PAC clone DJ0205E24 from Xq23, complete sequence.//1.9e-10:208:68//AC003013

R-HEMBA1001945/Plasmodium falciparum chromosome 2, section 70 of 73 of the complete sequence.//1.2e-06:393:60//AE001433

R-HEMBA1001950/R.prowazekii genomic DNA fragment (clone A437R).//0.33:122:66//Z82646

R-HEMBA1001960/Borrelia afzelii VS461 outer surface protein D (ospD) gene, complete cds.//0.0086:427:59//U05329

25 R-HEMBA1001962/Homo sapiens chromosome 4 clone B71M12 map 4q25, complete sequence.//4.5e-07:176:70//AC004069

R-HEMBA1001964/HS_2215_B1_H01_MR CIT Approved Human Genomic Sperm Library D Homo sapiens genomic clone Plate=2215 Col=1 Row=P, genomic survey sequence.//7.3e-25:215:74//AQ151931

30 R-HEMBA1001967/Human DNA sequence from clone 341E18 on chromosome 6p11.2-12.3. Contains a Serine/Threonine Protein Kinase gene (presumptive isolog of a Rat gene) and a novel alternatively spliced gene. Contains a putative CpG island, ESTs and GSSs, complete sequence.//1.7e-51:209:95//AL031178

R-HEMBA1001979/CIT-HSP-2387I12.TF.1 CIT-HSP Homo sapiens genomic clone 2387I12, genomic survey sequence.//4.9e-06:153:71//AQ240461

35 R-HEMBA1001987/Human DNA sequence from clone 444C7 on chromosome 6p22.3-23. Contains an EST, an STS and GSSs, complete sequence.//3.1e-46:437:77//AL033521

R-HEMBA1001991/Human DNA sequence from PAC 426I6 on chromosome 1p34.1-1p35. Contains NIPP-1-like gene a nuclear inhibitor of protein phosphatase-1, ESTs, and a CA repeat.//1.1e-48:446:78//AL020997

R-HEMBA1002003/Homo sapiens mRNA for protein phosphatase 2C (beta).//5.1e-90:448:97//AJ005801

40 R-HEMBA1002008/Homo sapiens DNA sequence from PAC 95C20 on chromosome Xp11.3-11.4. Contains STSs and the DXS7 locus with GT and GTG repeat polymorphisms, complete sequence.//3.2e-42:317:84//Z97181

R-HEMBA1002018/HS_3006_B1_D10_T7 CIT Approved Human Genomic Sperm Library D Homo sapiens genomic clone Plate=3006 Col=19 Row=H, genomic survey sequence.//1.0:63:74//AQ089717

R-HEMBA1002022/Homo sapiens chromosome 18, clone hRPK.453_M_1, complete sequence.//0.93:339:59//AC006203

45 R-HEMBA1002035/Mus musculus chromosome 19, clone CIT282B21, complete sequence.//1.4e-11:285:67//AC003694

R-HEMBA1002039

R-HEMBA1002049/Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 1177I5, WORKING DRAFT SEQUENCE.//5.3e-52:266:84//AL022315

50 R-HEMBA1002084/CIT-HSP-2357L11.TR CIT-HSP Homo sapiens genomic clone 2357L11, genomic survey sequence.//0.0013:185:66//AQ063078

R-HEMBA1002092/Mus musculus Olf-1/EBF-like-3 transcription factor (O/E-3) mRNA, complete cds.//2.7e-70:479:86//U92703

55 R-HEMBA1002100/Homo sapiens thyroid receptor interactor (TRIP7) mRNA, 3' end of cds.//8.5e-32:206:91//L40357

R-HEMBA1002102/Homo sapiens Chromosome 15q26.1 PAC clone pDJ427d15, complete sequence.//4.3e-42:302:85//AC005800

- R-HEMBA1002113//Human chromosome 12p13 sequence, complete sequence.//1.6e-64:550:80//U47924
 R-HEMBA1002119//Human Chromosome 11 pac pDJ1173a5, complete sequence.//1.2e-92:435:92//AC000378
 R-HEMBA1002125
 R-HEMBA1002139//Human nebulin mRNA, partial cds.//0.056:68:88//U35637
 5 R-HEMBA1002144//Homo sapiens Chromosome 11p14.3 PAC clone 6-130a9 containing tryptophan hydroxylase gene, complete sequence.//2.0e-26:323:70//AC005728
 R-HEMBA1002150//Human DNA sequence from clone 742C19 on chromosome 22q12.3-13.1. Contains a pseudogene similar to Cytochrome C Oxidase Polypeptide VB and (parts of) up to four novel genes, two with homology to Phorbolins genes and one a novel Chromobox protein gene. Contains ESTs, an STS, GSSs and putative CpG islands, complete sequence.//1.0:371:61//AL031846
 10 R-HEMBA1002151
 R-HEMBA1002153//Human BAC 367D17 from chromosome 18, complete sequence.//2.4e-21:322:70//AC003971
 R-HEMBA1002160//Human DNA sequence from PAC 339A18 on chromosome Xp11.2. Contains KIAA0178 gene, similar to mitosis-specific chromosome segregation protein SMC1 of *S.cerevisiae*, DNA binding protein similar to URE-B1, ESTs and STS.//2.5e-38:216:84//Z97054
 15 R-HEMBA1002161//CIT-HSP-2163F10.TF CIT-HSP Homo sapiens genomic clone 2163F10, genomic survey sequence.//3.1e-58:284:80//B89969
 R-HEMBA1002162//Caenorhabditis elegans cosmid F48C11, complete sequence.//0.0079:286:57//Z80789
 R-HEMBA1002166//Homo sapiens Xp22 BAC 620F15 (Genome Systems BAC library) complete sequence.//5.9e-53:326:80//AC002980
 20 R-HEMBA1002177
 R-HEMBA1002185//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 745I14, WORKING DRAFT SEQUENCE.//9.5e-37:356:76//AL033532
 R-HEMBA1002189//Homo sapiens Xp22 BAC GSHB-519E5 (Genome Systems Human BAC library) complete sequence.//3.4e-43:244:77//AC003684
 25 R-HEMBA1002191//Homo sapiens clone RG228D17, WORKING DRAFT SEQUENCE, 2 unordered pieces.//4.3e-37:323:78//AC005077
 R-HEMBA1002199//Human Cosmid g5129g124 from 7q31.3, complete sequence.//1.4e-89:564:87//AC002498
 R-HEMBA1002204//Homo sapiens Chromosome 22q11.2 Cosmid Clone 817g In IGLC Region, complete sequence.//1.5e-31:313:71//AC000053
 30 R-HEMBA1002212//K.lactis mitochondrial COX1 and A8 genes for cytochrome oxidase subunit I and ATPase subunit 8.//0.0023:346:60//X57546
 R-HEMBA1002215//M.musculus mRNA for testin.//4.7e-61:414:84//X78989
 R-HEMBA1002226//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 2705, WORKING DRAFT SEQUENCE.//4.6e-46:375:77//AL033529
 35 R-HEMBA1002229//Homo sapiens growth suppressor related (DOC-1R) mRNA, complete cds.//4.6e-46:238:98//AF089814
 R-HEMBA1002237//Homo sapiens 12q13 PAC RPC11-316M24 (Roswell Park Cancer Institute Human PAC library) complete sequence.//4.3e-26:469:67//AC004242
 40 R-HEMBA1002253//Homo sapiens BAC clone GS180J15 from 7q31, complete sequence.//5.1e-23:162:82//AC005016
 R-HEMBA1002257
 R-HEMBA1002267//Equus caballus dermatan sulfate proteoglycan II mRNA, complete cds.//4.6e-44:300:88//AF03 8127
 45 R-HEMBA1002270//Human BAC clone RG067M09 from 7q21-7q22, complete sequence.//1.9e-19:176:85//AC000057
 R-HEMBA1002321
 R-HEMBA1002328//HS_3061_A1_D06_T7 CIT Approved Human Genomic Sperm Library D Homo sapiens genomic clone Plate=3061 Col=11 Row=G, genomic survey sequence.//1.0:151:65//AQ127617
 50 R-HEMBA1002337//Saccharomyces cerevisiae RNA polymerase II holoenzyme component (SRB7) gene, complete cds.//3.7e-07:328:63//U23811
 R-HEMBA1002341//Homo sapiens mRNA for KIAA0771 protein, partial cds.//2.4e-128:642:96//AB018314
 R-HEMBA1002348//Human DNA sequence from clone 409O10 on chromosome 20q12 Contains CA repeat, GSS, STS, complete sequence.//3.7e-07:587:58//AL031256
 55 R-HEMBA1002349//Leishmania tarentolae maxicircle DNA fragment.//0.018:341:58//X02438
 R-HEMBA1002349//Homo sapiens chromosome-associated protein-E (hCAP-E) mRNA, complete cds.//1.2e-121:661:93//AF092563
 R-HEMBA1002381//Homo sapiens genomic DNA of 8p21.3-p22 anti-oncogene of hepatocellular colorectal and

non-small cell lung cancer, segment 11/11 //1.1e-70:559:79//AB020868

R-HEMBA1002389//HS_3218_B2_E08_MR CIT Approved Human Genomic Sperm Library D Homo sapiens genomic clone Plate=3218 Col=16 Row=J, genomic survey sequence //0.0011:122:72//AQ213602

R-HEMBA1002417//Homo sapiens chromosome 19, cosmid R28784, complete sequence //4.2e-81:232:97//AC005954

R-HEMBA1002419//Homo sapiens PAC clone DJ0649P17 from 7q11.23-q21, complete sequence //0.50:231:64//AC004848

R-HEMBA1002430//P.falciparum complete gene map of plastid-like DNA (IR-B) //0.0023:604:56//X95276

R-HEMBA1002439//Homo sapiens clone GS096J14, WORKING DRAFT SEQUENCE, 3 unordered pieces //3.4e-23:183:80//AC006026

R-HEMBA1002458//Human DNA sequence from clone 146H21 on chromosome Xq22 Contains cleavage stimulation factor, 64 KD subunit, gene similar to CYTOCHROME B-245 HEAVY CHAIN. pseudogene similar to hnRNP A1 protein and ESTs, complete sequence //7.7e-32:161:83//Z83819

R-HEMBA1002460//Homo sapiens clone DJ1137M13, complete sequence //2.6e-100:305:100//AC005378

R-HEMBA1002462//Sequence 43 from patent US 5708157 //2.0e-10:131:77//I80068

R-nnnnnnnnnnnnn

R-HEMBA1002477//Homo sapiens PAC clone DJ0607J23 from 7q21.2-q31.1, complete sequence //6.6e-33:279:80//AC004841

R-HEMBA1002486//**ALU WARNING: Human Alu-Sq subfamily consensus sequence //2.1e-50:290:92//U14573

R-HEMBA1002495//CITBI-E1-2515J10. TR CITBI-E1 Homo sapiens genomic clone 2515J10, genomic survey sequence //1.0:122:68//AQ261762

R-HEMBA1002498//Homo sapiens clone DJ1102A12, WORKING DRAFT SEQUENCE, 15 unordered pieces //2.8e-22:210:78//AC004963

R-HEMBA1002503//Homo sapiens chromosome 17, clone HRPC1067M6, complete sequence //2.7e-17:435:58//AC003043

R-HEMBA1002508//Homo sapiens, clone hRPK.15_A_1, complete sequence //3.7e-09:408:61//AC006213

R-nnnnnnnnnnnnn/Homo sapiens mRNA for histone deacetylase-like protein (JM21) //7.1e-112:456:92//AJ011972

R-HEMBA1002515

R-HEMBA1002538//Homo sapiens mRNA for KIAA0454 protein, partial cds //1.6e-104:564:93//AB007923

R-HEMBA1002542//HS_3197_B2_B10_T7 CIT Approved Human Genomic Sperm Library D Homo sapiens genomic clone Plate=3197 Col=20 Row=D, genomic survey sequence //2.8e-25:186:86//AQ188792

R-HEMBA1002547//Mus musculus agrin gene, exon 36 //0.0095:93:75//M92658

R-HEMBA1002552//Homo sapiens clone DJ1137M13, complete sequence //4.0e-49:308:90//AC005378

R-HEMBA1002555//Homo sapiens full-length insert cDNA clone YR87G10 //8.3e-65:318:99//AF085957

R-HEMBA1002558//, complete sequence //2.3e-38:264:89//AC005409

R-HEMBA1002561//Human DNA sequence from clone 396D17 on chromosome 1p33-35.3 Contains EST, STS, GSS, complete sequence //7.1e-44:192:80//AL008634

R-nnnnnnnnnnnnn/Homo sapiens protein associated with Myc mRNA, complete cds //4.5e-119:587:97//AF075587

R-HEMBA1002583

R-HEMBA1002590//Homo sapiens DNA sequence from PAC 179N16 on chromosome 6p21.1-21.33. Contains the SAPK4 (MAPK p38delta) gene, and the alternatively spliced SAPK2 gene coding for CSaids binding protein CSBP2 and a MAPK p38beta LIKE protein. Contains ESTs, STSs and two predicted CpG islands, complete sequence //9.4e-42:248:88//Z95152

R-HEMBA1002592//Homo sapiens chromosome 19, cosmid R30385, complete sequence //2.6e-56:302:84//AC004510

R-HEMBA1002621

R-HEMBA1002624//Homo sapiens mRNA for KIAA0808 protein, complete cds //6.7e-76:380:97//AB018351

R-HEMBA1002628//P.falciparum complete gene map of plastid-like DNA (IR-A) //8.8e-05:327:60//X95275

R-HEMBA1002629//Mus musculus clone OST16705, genomic survey sequence //4.3e-06:205:66//AF046247

R-HEMBA1002645//**ALU WARNING: Human Alu-J subfamily consensus sequence //7.1e-39:281:84//U14567

R-HEMBA1002651//Homo sapiens PAC clone DJ0593H12 from 7p31, complete sequence //1.1e-104:500:95//AC004839

R-HEMBA1002659//Human DNA sequence from clone 243E7 on chromosome 22q12.1. Contains ESTs, STSs and GSSs, complete sequence //1.2e-61:280:92//AL022323

R-HEMBA1002661//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 225E12, WORKING DRAFT SEQUENCE //3.2e-41:325:81//AL031772

R-HEMBA1002666//Homo sapiens full-length insert cDNA clone YY74A07 //0.00037:79:84//AF088008

R-HEMBA1002678//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 1137F22, WORK-

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ING DRAFT SEQUENCE//2.3e-107:561:94//AL034421
 R-nnnnnnnnnnn/CIT-HSP-2287E8.TF CIT-HSP Homo sapiens genomic clone 2287E8, genomic survey se-
 quence//5.4e-17:137:88//B99281
 5 R-HEMBA1002688//Homo sapiens chromosome 5, P1 clone 1354A7 (LBNL H47), complete sequence//0.033:
 146:70//AC004503
 R-HEMBA1002696
 R-HEMBA1002712//Homo sapiens PAC clone 166H1 from 12q, complete sequence//6.2e-44:302:87//AC003982
 R-HEMBA1002716//Mus musculus mRNA for ELM1, complete cds//1.1e-31:332:76//AB004873
 R-HEMBA1002728//Homo sapiens mRNA for KIAA0621 protein, partial cds//1.2e-35:287:81//AB014521
 10 R-HEMBA1002730//D.discoideum actin M6 gene, 5' flank//0.018:233:66//M29109
 R-HEMBA1002742//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 1108H3, WORKING
 DRAFT SEQUENCE//2.6e-13:419:62//AL033525
 R-HEMBA1002746//Mus musculus chromosome 19, clone CIT282B21, complete sequence//0.019:202:65//
 AC003694
 15 R-HEMBA1002748//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 404K8, WORKING
 DRAFT SEQUENCE//0.046:263:60//AL023883
 R-HEMBA1002750//Human DNA sequence from PAC 452H17 on chromosome X contains sodium-and chloride-
 dependent glycine transporter 1 (GLYT-1) like, ESTs//0.052:421:58//Z96810
 R-HEMBA1002768//Homo sapiens mRNA for KIAA0554 protein, partial cds//1.2e-104:545:95//AB011126
 20 R-HEMBA1002770//Plasmodium falciparum 3D7 chromosome 12 PFYACB8-420 genomic sequence, WORKING
 DRAFT SEQUENCE, 14 unordered pieces//3.0e-07:523:59//AC005140
 R-HEMBA1002777
 R-HEMBA1002779//Human HepG2 3' region Mbol cDNA, clone hmd1e03m3//9.4e-25:158:93//D17139
 R-HEMBA1002780//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone Y214H10, WORK-
 25 ING DRAFT SEQUENCE//1.6e-42:463:75//AL022344
 R-HEMBA1002794//Plasmodium falciparum MAL3P8, complete sequence//2.2e-05:417:59//AL034560
 R-HEMBA1002801//Meloidogyne javanica mitochondrial transfer RNA His, 16S ribosomal RNA (16S rRNA) genes,
 ND3 gene, complete cds, and cytochrome b gene, 5' end of CDS//0.00055:444:59//L76261
 R-HEMBA1002810//Homo sapiens formin binding protein 21 mRNA, complete cds//4.4e-115:559:97//AF071185
 30 R-HEMBA1002816//Homo sapiens clone NH0576N21, WORKING DRAFT SEQUENCE, 5 unordered pieces//
 4.3e-88:329:94//AC005043
 R-HEMBA1002826//Homo sapiens genomic DNA, chromosome 21q11.1, segment 12/28, WORKING DRAFT SE-
 QUENCE//1.9e-22:262:67//AP000041
 R-HEMBA1002833//Homo sapiens chromosome 17, clone hRPC.117_B_12, complete sequence//1.3e-79:396:
 35 97//AC004707
 R-HEMBA1002850//Plasmodium falciparum 3D7 chromosome 12 PFYAC357 genomic sequence, WORKING
 DRAFT SEQUENCE, 7 unordered pieces//0.013:393:61//AC005506
 R-HEMBA1002863//Homo sapiens chromosome 17, clone hRPK.271_K_11, complete sequence//4.1e-73:489:
 85//AC005562
 40 R-HEMBA1002876//Plasmodium falciparum DNA *** SEQUENCING IN PROGRESS *** from MAL4P1, WORK-
 ING DRAFT SEQUENCE//0.21:549:55//AL034557
 R-HEMBA1002886//CIT-HSP-2013C4.TR CIT-HSP Homo sapiens genomic clone 2013C4, genomic survey se-
 quence//0.30:431:56//B53836
 R-HEMBA1002896//Homo sapiens SH3-containing adaptor molecule-1 mRNA, complete cds//3.9e-106:541:95//
 45 AF037261
 R-HEMBA1002921
 R-HEMBA1002924//Homo sapiens genomic DNA of 9q32 anti-oncogene of flat epithelium cancer, segment 7/10//
 4.6e-19:139:78//AB020875
 R-HEMBA1002934//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 862K6, WORKING
 50 DRAFT SEQUENCE//7.5e-45:282:89//AL031681
 R-HEMBA1002935//CIT-HSP-2282P14.TFB CIT-HSP Homo sapiens genomic clone 2282P14, genomic survey
 sequence//1.5e-102:514:97//AQ008584
 R-HEMBA1002937//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 745114, WORKING
 DRAFT SEQUENCE//3.3e-87:444:97//AL033532
 55 R-HEMBA1002939
 R-HEMBA1002944//HS_3107_A1_C05_T7 CIT Approved Human Genomic Sperm Library D Homo sapiens ge-
 nomic clone Plate=3107 Col=9 Row=E, genomic survey sequence//6.3e-21:250:73//AQ103952
 R-HEMBA1002951//Xerolycosa miniata mitochondrial 12S rRNA gene//0.013:228:63//AJ008020

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R-HEMBA1002954//HS_3246_A2_G09_MR CIT Approved Human Genomic Sperm Library D Homo sapiens genomic clone Plate=3246 Col=18 Row=M, genomic survey sequence.//5.8e-42:258:91//AQ218005
R-HEMBA1002968//Homo sapiens chromosome 17, clone hRPK.112.J_9, complete sequence.//4.2e-38:300:83//AC005553
5 R-HEMBA1002970//Slime mold (D.discoideum) prestalk D11 gene, complete cds.//5.0e-05:541:57//M11012
R-HEMBA1002971//Homo sapiens mRNA for KIAA0679 protein, partial cds.//7.2e-29:162:99//AB014579
R-HEMBA1002973//Homo sapiens chromosome 19, cosmid F20900, complete sequence.//9.1e-36:520:69//AC006128
10 R-nnnnnnnnnnnn//Homo Sapiens Chromosome X clone bWXD691, complete sequence.//0.00040:504:59//AC004386
R-HEMBA1002999//Rattus norvegicus lamina-associated polypeptide 1C (LAP1C) mRNA, complete cds.//3.7e-66:556:79//U19614
R-HEMBA1003021//Human Chromosome 11 overlapping pacs pDJ235k10 and pDJ239b22, WORKING DRAFT SEQUENCE, 17 unordered pieces.//1.6e-44:530:70//AC000406
15 R-HEMBA1003033//Homo sapiens full-length insert cDNA clone ZC34B10.//4.6e-78:414:94//AF086194
R-HEMBA1003034//Homo sapiens chromosome 19, cosmid R29351, complete sequence.//9.0e-52:322:75//AC004026
R-HEMBA1003035//HS_2008_A2_G08_T7 CIT Approved Human Genomic Sperm Library D Homo sapiens genomic clone Plate=2008 Col=16 Row=M, genomic survey sequence.//4.0e-68:343:97//AQ269839
20 R-HEMBA1003037//347G15.TVB CIT978SKA1 Homo sapiens genomic clone A-347G15, genomic survey sequence.//0.57:188:58//B17694
R-HEMBA1003041//Homo sapiens PAC clone DJ1163J12 from 7q21.2-q31.1, complete sequence.//6.3e-30:350:72//AC004983
R-HEMBA1003046//Homo sapiens mitochondrial processing peptidase beta-subunit mRNA, complete cds.//4.1e-118:578:97//AF054182
25 R-HEMBA1003064//Human cosmid LL12NC01-N-136B11, located centromeric to the ETV6 gene, chromosome 12p12-13.//0.0018:271:60//U59962
R-HEMBA1003067//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 633019, WORKING DRAFT SEQUENCE.//5.3e-48:464:76//AL022302
30 R-HEMBA1003071//CIT-HSP-2370D6.TR CIT-HSP Homo sapiens genomic clone 2370D6, genomic survey sequence.//0.19:48:87//AQ110136
R-HEMBA1003077//Rattus norvegicus Shal-related potassium channel Kv4.3 mRNA, complete cds.//4.9e-69:494:84//U42975
R-HEMBA1003078//Human DNA sequence from PAC 339A18 on chromosome Xp11.2. Contains KIAA0178 gene, similar to mitosis-specific chromosome segregation protein SMC1 of S.cerevisiae, DNA binding protein similar to URE-B1, ESTs and STS.//1.1e-11:331:64//Z97054
35 R-HEMBA1003079//Homo sapiens Xp22-132-134 BAC GSHB-590J15 (Genome Systems Human BAC library) complete sequence.//4.6e-116:576:98//AC004673
R-HEMBA1003083//*** SEQUENCING IN PROGRESS *** Homo sapiens chromosome 4, BAC clone C0442P12; HTGS phase 1, WORKING DRAFT SEQUENCE, 5 unordered pieces.//3.1e-43:280:83//AC005798
40 R-HEMBA1003086//Homo sapiens clone NH0319F03, WORKING DRAFT SEQUENCE, 3-unordered pieces.//1.2e-43:281:88//AC006039
R-HEMBA1003096//Human DNA sequence from clone J506G21, WORKING DRAFT SEQUENCE.//0.00037:421:59//Z82213
45 R-HEMBA1003098//*** SEQUENCING IN PROGRESS *** Homo sapiens chromosome 4, BAC clone C0024K08; HTGS phase 1, WORKING DRAFT SEQUENCE, 5 unordered pieces.//1.4e-30:303:78//AC005598
R-HEMBA1003117
R-HEMBA1003129//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 407F11, WORKING DRAFT SEQUENCE.//7.9e-11:109:85//AL022329
50 R-HEMBA1003133//Homo sapiens chromosome 9, P1 clone 11659, complete sequence.//3.9e-99:484:98//AC004472
R-HEMBA1003136//CIT-HSP-2281L22.TF CIT-HSP Homo sapiens genomic clone 2281L22, genomic survey sequence.//2.0e-10:93:92//B99861
R-HEMBA1003142//Homo sapiens 12q24.2 PAC RPC11-128M12 (Roswell Park Cancer Institute Human PAC library) complete sequence.//9.8e-40:270:87//AC004024
55 R-HEMBA1003148//Homo sapiens mRNA for dachshund protein.//1.1e-116:586:96//AJ005670
R-HEMBA1003166//Human DNA sequence from PAC 306D1 on chromosome X contains ESTs.//6.4e-35:364:70//Z83822

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R-HEMBA1003175//Human IFNAR gene for interferon alpha/beta receptor.//1.9e-30:282:77//X60459
R-HEMBA1003197
R-HEMBA1003199//HS_2166_A1_E12_MR CIT Approved Human Genomic Sperm Library D Homo sapiens genomic clone Plate=2166 Col=23 Row=I, genomic survey sequence.//0.00026:271:61//AQ164162
5 R-HEMBA1003202//Homo sapiens clone DJ0592G07, WORKING DRAFT SEQUENCE, 3 unordered pieces.//5.4e-44:291:83//AC005480
R-HEMBA1003204//Human BAC clone RG072E11 from 7q21-7q22, complete sequence.//3.1e-10:293:62//AC000118
10 R-HEMBA1003212//Homo sapiens clone DJ0902E20, WORKING DRAFT SEQUENCE, 1 unordered pieces.//1.0:118:69//AC006148
R-HEMBA1003220//HS_3092_B1_F09_MR CIT Approved Human Genomic Sperm Library D Homo sapiens genomic clone Plate=3092 Col=17 Row=L, genomic survey sequence.//0.00014:59:91//AQ128202
R-HEMBA1003222//Caenorhabditis elegans DNA *** SEQUENCING IN PROGRESS *** from clone Y43F8, WORKING DRAFT SEQUENCE.//0.84:214:62//Z95393
15 R-HEMBA1003229//RPCI11-16F15.TPB RPCI-11 Homo sapiens genomic clone RPCI-11-16F15, genomic survey sequence.//0.42:167:64//B83610
R-HEMBA1003235//CIT-HSP-2320G19.TF CIT-HSP Homo sapiens genomic clone 2320G19, genomic survey sequence.//3.6e-36:195:81//AQ037231
20 R-HEMBA1003250//HS_2168_A2_C09_MF CIT Approved Human Genomic Sperm Library D Homo sapiens genomic clone Plate=2168 Col=18 Row=E, genomic survey sequence.//1.4e-22:158:89//AQ125356
R-HEMBA1003257//Human PCP4 gene, exon 3 and complete cds.//0.96:268:61//U53709
R-HEMBA1003273//Homo sapiens Xp22 BAC GS-377014 (Genome Systems Human BAC library) complete sequence.//1.0e-32:255:84//AC002549
25 R-HEMBA1003276//Plasmodium falciparum 3D7 chromosome 12 PFYAC492 genomic sequence, WORKING DRAFT SEQUENCE, 5 unordered pieces.//0.0044:212:60//AC005308
R-HEMBA1003278//Homo sapiens 12q24.1 PAC RPCI1-315L5 (Roswell Park Cancer Institute Human PAC library) complete sequence.//1.1e-34:286:74//AC002395
R-HEMBA1003281//High throughput sequencing of human chromosome 12, WORKING DRAFT SEQUENCE, 1 ordered pieces.//1.8e-53:428:83//AC005840
30 R-HEMBA1003291//Homo sapiens mRNA for KIAA0537 protein, complete cds.//3.0e-115:551:99//AB011109
R-HEMBA1003296//CIT-HSP-2196L16.TR CIT-HSP Homo sapiens genomic clone 2196L16, genomic survey sequence.//2.9e-20:337:65//AQ003073
R-HEMBA1003304//Sequence 23 from patent US 5552281.//1.8e-31:179:97//I25662
35 R-HEMBA1003309//Arabidopsis thaliana genomic DNA, chromosome 5, TAC clone: K19E20, complete sequence.//0.00019:334:60//AB017061
R-HEMBA1003314//Homo sapiens mRNA for leucine zipper bearing kinase, complete cds.//2.8e-111:545:97//AB001872
R-HEMBA1003322//Human DNA sequence from clone 23K20 on chromosome Xq25-26.2 Contains EST, STS, GSS, complete sequence.//0.60:274:61//AL022153
40 R-HEMBA1003327//Homo sapiens BAC clone RG351J01 from 7q22-q31, complete sequence.//0.00028:172:65//AC005099
R-HEMBA1003328//Homo sapiens clone RG270D13, WORKING DRAFT SEQUENCE, 18 unordered pieces.//2.2e-44:268:90//AC005081
45 R-HEMBA1003330//Homo sapiens poly(A) binding protein II (PABP2) gene, complete cds.//2.7e-61:312:97//AF026029
R-HEMBA1003348//***ALU WARNING: Human Alu-J subfamily consensus sequence.//7.2e-38:186:83//U14567
R-HEMBA1003369//Caenorhabditis elegans cosmid F59C6, complete sequence.//0.00012:465:59//Z79600
R-HEMBA1003370//Homo sapiens chromosome 17, clone hRPC867C24, complete sequence.//3.2e-42:301:87//AC002558
50 R-HEMBA1003373//Human DNA sequence from clone 109F14 on chromosome 6p21.2-21.3. Contains the alternatively spliced gene for Transcriptional Enhancer Factor TEF-5, the 60S Ribosomal Protein RPL10A gene, a PUTATIVE ZNF127 LIKE gene, and the PPAR for Peroxisome Proliferator Activated Receptor Delta (PPAR-Delta, PPAR-Beta, Nuclear Hormone Receptor 1, NUC1, NUCI, PPARB). Contains three putative CpG islands, ESTs, STSs, GSSs and a ca repeat polymorphism, complete sequence.//7.4e-34:375:74//AL022721
55 R-HEMBA1003376//Homo sapiens chromosome 16, cosmid clone RT102 (LANL), complete sequence.//1.6e-46:309:88//AC004651
R-HEMBA1003380//HS_3184_B2_E06_MR CIT Approved Human Genomic Sperm Library D Homo sapiens genomic clone Plate=3184 Col=12 Row=J, genomic survey sequence.//1.0e-35:237:88//AQ189144

- R-HEMBA1003384//HS_2193_B2_H08_MR CIT Approved Human Genomic Sperm Library D Homo sapiens genomic clone Plate=2193 Col=16 Row=P, genomic survey sequence//0.00029:96:76//AQ032212
- R-HEMBA1003395//Homo sapiens chromosome 17, clone HCIT169H9, WORKING DRAFT SEQUENCE, 6 unordered pieces//2.6e-21:139:86//AC002993
- 5 R-HEMBA1003402//CIT-HSP-2166E19.TR CIT-HSP Homo sapiens genomic clone 2166E19, genomic survey sequence//0.99:144:61//B91549
- R-nnnnnnnnnnnnn
- R-HEMBA1003417//Human DNA sequence from clone 496N17 on chromosome 6p11.2-12.3 Contains EST, GSS, complete sequence//2.5e-112:547:98//AL031321
- 10 R-HEMBA1003418//Homo sapiens PAC clone DJ0755G17 from 7p21-p22, complete sequence//0.082:352:59//AC004879
- R-HEMBA1003433//Homo sapiens cell cycle regulatory protein p95 (NBS1) mRNA, complete cds//9.9e-114:544:98//AF058696
- R-HEMBA1003461
- 15 R-HEMBA1003463
- R-HEMBA1003480//Homo sapiens clone NH0523H20, complete sequence//9.1e-106:533:96//AC005041
- R-HEMBA1003528
- R-HEMBA1003531//Human BAC clone GS552A01 from 7q21-q22, complete sequence//3.4e-08:333:64//AC002454
- 20 R-HEMBA1003538//Human mRNA for complement component C1r//1.4e-23:333:68//X04701
- R-HEMBA1003545//Zebrafish mRNA for zflsl-2 (insulin gene enhancer binding protein homolog), complete cds//0.030:144:68//D38453
- R-HEMBA1003548//Plasmodium falciparum 3D7 chromosome 12 PFYAC812 genomic sequence, WORKING DRAFT SEQUENCE, 8 unordered pieces//0.0017:487:57//AC004153
- 25 R-HEMBA1003555//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 371H6, WORKING DRAFT SEQUENCE//2.8e-99:503:96//AL031718
- R-HEMBA1003556//Homo sapiens Xp22-175-176 BAC GSHB-484017 (Genome Systems Human BAC Library) complete sequence//1.6e-114:574:97//AC005913
- R-HEMBA1003560//Diplolepis rosae microsatellite clone DR04096//0.24:116:67//AF034416
- 30 R-HEMBA1003568//Homo sapiens clone NH0215P16, WORKING DRAFT SEQUENCE, 3 unordered pieces//3.9e-05:422:63//AC006036
- R-HEMBA1003569//Homo sapiens full-length insert cDNA clone ZD82D06//8.7e-108:545:95//AF086450
- R-HEMBA1003571//Homo sapiens PAC clone DJ0886O08 from 7q32-q35, complete sequence//4.6e-51:570:71//AC004914
- 35 R-HEMBA1003579//HS_3237_B2_E05_T7 CIT Approved Human Genomic Sperm Library D Homo sapiens genomic clone Plate=3237 Col=10 Row=J, genomic survey sequence//8.5e-97:495:95//AQ209302
- R-HEMBA1003581//Mouse mRNA for talin//8.3e-12:128:82//X56123
- R-HEMBA1003591//Homo sapiens chromosome 16, BAC clone 2603 (LANL), complete sequence//2.9e-87:251:95//AC005774
- 40 R-HEMBA1003595//Homo sapiens DNA sequence from BAC 1216H12 on chromosome 22q12. Contains a pseudogene with similarity to part of mouse Ninein and the KIAA0609 gene for a protein similar to C. elegans K09C8.4. Contains ESTs, GSSs and a ggtt repeat polymorphism, complete sequence//4.5e-52:384:83//AL008715
- R-HEMBA1003597//Homo sapiens DNA sequence from PAC 418A9 on chromosome 6q21. Contains the first (5') two exons of a CDK8 (Cell Division Protein Kinase 8) LIKE gene, a Neutral Calponin LIKE pseudogene, ESTs and STSS, complete sequence//4.6e-41:442:74//Z84480
- 45 R-HEMBA1003598//Homo sapiens PAC clone DJ0537P09 from 7p11.2-p12, complete sequence//1.8e-23:177:88//AC005153
- R-HEMBA1003615
- R-HEMBA1003617//Plasmodium falciparum 3D7 chromosome 12 PFYAC336 genomic sequence, WORKING DRAFT SEQUENCE, 5 unordered pieces//0.039:494:57//AC005139
- 50 R-HEMBA100362111*** SEQUENCING IN PROGRESS *** Homo sapiens chromosome 4, BAC clone C0052I22; HTGS phase 1, WORKING DRAFT SEQUENCE, 4 unordered pieces//2.3e-26:309:75//AC004599
- R-HEMBA1003622//Homo sapiens Xp22 BAC 620F15 (Genome Systems BAC library) complete sequence//7.1e-56:545:75//AC002980
- 55 R-HEMBA1003630//Homo sapiens CC chemokine gene cluster, complete sequence//2.8e-32:546:68//AF088219
- R-HEMBA1003637//Human BAC clone GS552A01 from 7q21-q22, complete sequence//8.0e-25:457:68//AC002454
- R-HEMBA1003640//Homo sapiens chromosome X, PAC 671D9, complete sequence//2.8e-40:280:86//AF031078

R-HEMBA1003645//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 32B1, WORKING DRAFT SEQUENCE.//1.7e-33:297:82//AL023693
 R-HEMBA1003646//Plasmodium falciparum MAL3P7, complete sequence//0.44:319:59//AL034559
 5 R-HEMBA1003656//Homo sapiens Chromosome 16 BAC clone CIT987SK-A-152E5, complete sequence//6.9e-36:242:80//AC004382
 R-HEMBA1003662//Homo sapiens chromosome 17, clone hRPK.332_H_18, complete sequence//8.6e-117:588:96//AC005746
 R-HEMBA1003667//Sequence 8 from patent US 5420245.//1.8e-21:170:88//12222
 R-HEMBA1003679//Homo sapiens BAC clone RG114B19 from 7q31.1, complete sequence//1.6e-22:180:87//AC005065
 10 R-HEMBA1003680//C. elegans cosmid ZK353.//1.1e-06:270:61//L15313
 R-HEMBA1003684//Colias alexandra alexandra cytochrome oxidase subunit I (cox1) gene, mitochondrial gene encoding mitochondrial protein, partial cds.//0.77:171:66//AF044872
 R-HEMBA1003690//Homo sapiens 12q13.1 PAC RPCI5-1057I20 (Roswell Park Cancer Institute Human PAC library) complete sequence//1.6e-104:523:97//AC004466
 15 R-HEMBA1003692//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 508I15, WORKING DRAFT SEQUENCE.//1.7e-41:414:77//AL021707
 R-HEMBA1003711//Human Chromosome 11 overlapping pacs pDJ235k10 and pDJ239b22, WORKING DRAFT SEQUENCE, 17 unordered pieces.//1.6e-29:304:77//AC000406
 20 R-HEMBA1003714
 R-HEMBA1003715//Homo sapiens chromosome 16p11.2 BAC clone CIT987SK-A-685D8, WORKING DRAFT SEQUENCE, 16 unordered pieces.//1.4e-63:578:77//AC005136
 R-HEMBA1003720//Homo sapiens, WORKING DRAFT SEQUENCE, 135 unordered pieces.//2.4e-36:350:78//AC002353
 25 R-HEMBA1003725//Homo sapiens chromosome 19, cosmid R31973, complete sequence//6.3e-42:250:75//AC004699
 R-HEMBA1003729//RPCI11-22D14.TV RPCI-11 Homo sapiens genomic clone RPCI-11-22D14, genomic survey sequence.//1.0:234:62//B86158
 R-HEMBA1003733//Human DNA sequence from clone 396D17 on chromosome 1p33-35.3 Contains EST, STS, GSS, complete sequence.//7.7e-80:558:83//AL008634
 30 R-HEMBA1003742//HS_3080_B2_H06_MR CIT Approved Human Genomic Sperm Library D Homo sapiens genomic clone Plate=3080 Col=12 Row=P, genomic survey sequence.//3.4e-55:331:91//AQ139179
 R-HEMBA1003758//Human DNA sequence from PAC 295C6 on chromosome 1q24. Contains ESTs, CA repeat, STS and CpG island.//4.5e-59:521:75//Z97876
 35 R-HEMBA1003760
 R-HEMBA1003773//Mus musculus signal recognition particle receptor beta subunit mRNA, complete cds.//2.6e-72:467:86//U17343
 R-HEMBA1003783//Mus musculus bromodomain-containing protein BP75 mRNA, complete cds.//1.0e-77:557:81//AF084259
 40 R-HEMBA1003784
 R-HEMBA1003799//Homo sapiens PAC clone DJ1032B10 from 7p15.3-p21, complete sequence.//2.1 e-49:390:72//AC004455
 R-HEMBA1003803
 R-HEMBA1003804//Homo sapiens chromosome 17, clone hCIT.175_E_5, complete sequence.//9.4e-99:359:99//AC004596
 45 R-HEMBA1003805//Human DNA sequence from clone 51J12 on chromosome 6q26-27. Contains the 3' part of the alternatively spliced gene for the human orthologs of mouse QKI-7 and QKI-7B (KH Domain RNA Binding proteins) and zebrafish ZKQ-1 (Quaking protein homolog). Contains ESTs, STSs and GSSs, complete sequence.//8.0e-113:567:96//AL031781
 50 R-HEMBA1003807//Bovine dinucleotide microsatellite HUJ177.//5.4e-18:194:78//M96348
 R-HEMBA1003836//Human DNA from overlapping chromosome 19 cosmid R31396, F2545L and R31076 containing COX6B and UPKA, genomic sequence, complete sequence.//3.4e-40:256:85//AC002115
 R-HEMBA1003838//CIT-HSP-2380F18.TF CIT-HSP Homo sapiens genomic clone 2380F18, genomic survey sequence.//9.7e-25:150:96//AQ196624
 55 R-HEMBA1003856//Human DNA sequence from clone 272E8 on chromosome Xp22.13-22.31. Contains a pseudogene similar to MDM2-Like P53-binding protein gene. Contains STSs, GSSs and a CA repeat polymorphism, complete sequence.//4.8e-33:486:68//Z93929
 R-HEMBA1003864//, complete sequence.//4.4e-100:531:94//AC005300

- R-HEMBA1003866//HS_3203_B2_C01_MR CIT Approved Human Genomic Sperm Library D Homo sapiens genomic clone Plate=3203 Col=2 Row=F, genomic survey sequence.//2.6e-05:206:64//AQ180298
- R-HEMBA1003879//Homo sapiens chromosome 10 clone CIT987SK-1119P3 map 10q25.1, WORKING DRAFT SEQUENCE, 1 ordered pieces.//4.7e-17:170:79//U82207
- 5 R-HEMBA1003880//Homo sapiens genomic DNA, chromosome 21q11.1, segment 7/28, WORKING DRAFT SEQUENCE.//7.8e-103:526:96//AP000036
- R-HEMBA1003885//Human apolipoprotein apoC-IV (APOC4) gene, complete cds.//3.5e-45:299:87//U32576
- R-HEMBA1003893//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 1137F22, WORKING DRAFT SEQUENCE.//1.1e-41:386:77//AL034421
- 10 R-HEMBA1003902//HS_3031_B2_E07_MR CIT Approved Human Genomic Sperm Library D Homo sapiens genomic clone Plate=3031 Col=14 Row=J, genomic survey sequence.//5.3e-50:293:93//AQ165549
- R-HEMBA1003908//CIT-HSP-2367K7.TR CIT-HSP Homo sapiens genomic clone 2367K7, genomic survey sequence.//1.2e-32:220:92//AQ076795
- R-HEMBA1003926//Homo sapiens chromosome 5, BAC clone 194j18 (LBNL H158), complete sequence.//3.1e-58:294:85//AC005368
- 15 R-HEMBA1003937//Homo sapiens chromosome 3 subtelomeric region.//8.0e-111:590:93//AF109718
- R-HEMBA1003939
- R-HEMBA1003942//Homo sapiens clone DJ0828F13, complete sequence.//2.2e-08:474:58//AC004904
- R-HEMBA1003950//Plasmodium vivax from Brazil cytochrome b (cytb) gene, mitochondrial gene encoding mitochondrial protein, partial cds.//0.034:258:62//AF069619
- 20 R-HEMBA1003953//Plasmodium falciparum MAL3P8, complete sequence.//0.096:492:57//AL034560
- R-HEMBA1003958//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 64K7, WORKING DRAFT SEQUENCE.//7.3e-40:382:78//AL031668
- R-HEMBA1003959//Amaranthus hypochondriacus betaine aldehyde dehydrogenase (ahybadh4) gene, complete cds.//0.11:428:60//AF000132
- 25 R-HEMBA1003976//Homo sapiens PAC clone DJ0724E13 from 7p11.2-p12, complete sequence.//1.0:222:62//AC004414
- R-HEMBA1003978//Sequence 31 from patent US 5708157.//1.9e-14:159:77//I80060
- R-HEMBA1003985//Homo sapiens 12p13.3 PAC RPCI5-927J10 (Roswell Park Cancer Institute Human PAC library) complete sequence.//5.6e-14:136:83//AC004804
- 30 R-HEMBA1003987//Human chromosome 12p13 sequence, complete sequence.//3.2e-26:268:79//U47924
- R-HEMBA1003989//RPCI11-52K22.TJ RPCI11 Homo sapiens genomic clone R-52K22, genomic survey sequence.//2.2e-86:443:95//AQ052484
- R-HEMBA1004000
- 35 R-HEMBA1004011
- R-HEMBA1004012//Homo sapiens chromosome 17, clone hRPK.63_A_1, complete sequence.//4.7e-38:284:85//AC005670
- R-HEMBA1004015//Human DNA sequence from clone 931E15 on chromosome Xq25. Contains STSs, GSSs and genomic marker DXS8098, complete sequence.//0.48:460:58//AL023575
- 40 R-HEMBA1004024//Homo sapiens clone RG270D13, WORKING DRAFT SEQUENCE, 18 unordered pieces.//2.5e-21:159:80//AC005081
- R-HEMBA1004038//Homo sapiens Xq28 BAC RPCI11-382P7 (Roswell Park Cancer Institute Human BAC Library) complete sequence.//7.9e-10:231:66//AC006054
- R-HEMBA1004042//Homo sapiens clone DJ0968I16, complete sequence.//0.00071:263:68//AC006016
- 45 R-HEMBA1004045//Homo sapiens PAC clone DJ0074M20 from X, complete sequence.//8.8e-23:196:69//AC006143
- R-HEMBA1004048//CIT-HSP-2288N20.TF CIT-HSP Homo sapiens genomic clone 2288N20, genomic survey sequence.//0.013:162:67//AQ007283
- R-HEMBA1004049//Human hsp 70 gene 3' region for 70 kDa heat shock protein.//7.7e-30:176:96//X04677
- 50 R-HEMBA1004055//Plasmodium falciparum 3D7 chromosome 12 PFYAC1383 genomic sequence, WORKING DRAFT SEQUENCE, 3 unordered pieces.//8.4e-05:395:63//AC005504
- R-HEMBA1004056//Homo sapiens clone DJ0847008, WORKING DRAFT SEQUENCE, 3 unordered pieces.//3.5e-61:551:77//AC005484
- R-HEMBA1004074//Homo sapiens clone DJ1032D07, WORKING DRAFT SEQUENCE, 3 unordered pieces.//0.98:275:63//AC004952
- 55 R-HEMBA1004086//Sequence 65 from patent US 5691147.//2.8e-54:313:92//I76237
- R-HEMBA1004097//Mus musculus putative transcription factor mRNA, complete cds.//1.8e-11:323:63//AF091234
- R-HEMBA1004131//Human mRNA for KIAA0128 gene, partial cds.//9.3e-42:534:69//D50918

- R-HEMBA1004132//Homo sapiens chromosome 17, clone hCIT.211_P_7, complete sequence.//6.0e-49:491:76//AC003665
- R-HEMBA1004133//HS_3229_B2_E09_T7 CIT Approved Human Genomic Sperm Library D Homo sapiens genomic clone Plate=3229 Col=18 Row=J, genomic survey sequence.//1.1e-72:374:97//AQ192003
- 5 R-HEMBA1004138//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 417M14, WORKING DRAFT SEQUENCE.//3.1e-09:277:66//AL024498
- R-HEMBA1004143//Plasmodium falciparum MAL3P4, complete sequence.//0.53:239:61//AL008970
- R-HEMBA1004146//Homo sapiens clone DJ0038I10, WORKING DRAFT SEQUENCE, 5 unordered pieces.//3.0e-35:165:88//AC004820
- 10 R-HEMBA1004150//CITBI-E1-2517I2.TR CITBI-E1 Homo sapiens genomic clone 2517I2, genomic survey sequence.//0.56:379:59//AQ277616
- R-HEMBA1004164//Human BAC clone GS200K05 from 7q21-q22, complete sequence.//4.6e-49:448:77//AC002429
- R-HEMBA1004168//Homo sapiens geminin mRNA, complete cds.//2.4e-110:563:96//AF067855
- 15 R-HEMBA1004199//S.pombe chromosome I cosmid c8A4.//0.73:187:64//Z66569
- R-HEMBA1004200//Homo sapiens Xp22 BAC GSHB-184P14 (Genome Systems Human BAC library) complete sequence.//6.3e-30:293:77//AC004552
- R-HEMBA1004202//rah=ras-related homolog [mice, HT4 neural cell line, mRNA, 993 nt].//3.0e-64:517:80//S72304
- 20 R-HEMBA1004203//Homo sapiens clone NH0313P13, WORKING DRAFT SEQUENCE, 15 unordered pieces.//1.0e-97:303:98//AC005488
- R-HEMBA1004207//Homo sapiens leptin receptor short form (db) mRNA, complete cds.//3.6e-116:573:97//U50748
- R-HEMBA1004225//Drosophila melanogaster mitochondrial DNA with 12 tRNAs and 7 genes.//5.4e-11:493:60//M37275
- 25 R-HEMBA1004227//Rattus norvegicus protein phosphatase 2C, mRNA, complete cds.//6.1e-76:443:86//AF095927
- R-HEMBA1004238//Homo sapiens chromosome 19, cosmid R28341, complete sequence.//1.1e-42:330:83//AC005763
- R-HEMBA1004241
- 30 R-HEMBA1004246//Homo sapiens genomic DNA, chromosome 21q22.2 (Down Syndrome region), segment 4/15, WORKING DRAFT SEQUENCE.//1.1e-45:288:85//AP000011
- R-HEMBA1004248//Homo sapiens PAC clone DJ0828B12 from 7q11.23-q21.1, complete sequence.//5.2e-09:516:61//AC004903
- R-HEMBA1004264
- 35 R-HEMBA1004267//HS_2255_A2_H12_MR CIT Approved Human Genomic Sperm Library D Homo sapiens genomic clone Plate=2255 Col=24 Row=O, genomic survey sequence.//8.6e-59:318:95//AQ068854
- R-HEMBA1004272//Homo sapiens 12p13.3 PAC RPCIS-1180D12 (Roswell Park Cancer Institute Human PAC Library) complete sequence.//1.1e-113:576:96//AC005831
- R-nnnnnnnnnnnnn//Homo sapiens clone 617 unknown mRNA, complete sequence.//4.4e-110:553:96//AF091081
- 40 R-HEMBA1004276
- R-HEMBA1004286//Homo sapiens TGF beta receptor associated protein-1 mRNA, complete cds.//1.9e-106:538:97//AF022795
- R-HEMBA1004289//RPCI11-74010.TJ RPCI11 Homo sapiens genomic clone R-74010, genomic survey sequence.//2.3e-37:248:76//AQ266668
- 45 R-HEMBA1004295//Baboon apolipoprotein A-VI mRNA, 3' end.//0.0016:273:64//L13174
- R-HEMBA1004306//HS_3175_B2_F01_T7 CIT Approved Human Genomic Sperm Library D Homo sapiens genomic clone Plate=3175 Col=2 Row=L, genomic survey sequence.//1.6e-28:190:77//AQ169206
- R-HEMBA1004312//Human BAC clone RG119P24 from 7q31, complete sequence.//6.3e-36:267:82//AC003088
- R-HEMBA1004321//Homo sapiens *** SEQUENCING IN PROGRESS *** from PAC 10155, WORKING DRAFT SEQUENCE.//4.1e-111:576:95//AJ009611
- 50 R-HEMBA1004323//CIT-HSP-2374C8.TR CIT-HSP Homo sapiens genomic clone 2374C8, genomic survey sequence.//2.7e-42:136:91//AQ114933
- R-HEMBA1004327//CIT-HSP-2303L24.TF CIT-HSP Homo sapiens genomic clone 2303L24, genomic survey sequence.//1.0:78:67//AQ017600
- 55 R-HEMBA1004330//Homo sapiens clone DJ1173120, WORKING DRAFT SEQUENCE, 5 unordered pieces.//2.3e-119:580:98//AC004987
- R-HEMBA1004334//Pimpinella brachycarpa Phyb1 mRNA, complete cds.//3.3e-14:238:69//AF082024
- R-HEMBA1004335//Homo sapiens Chromosome 16 BAC clone CIT987SK-A-116A10, complete sequence.//1.8e-

- 21:291:71//AC004638
 R-HEMBA1004341
 R-HEMBA1004353//Homo sapiens mRNA for c-myc binding protein, complete cds.//4.1e-74:444:90//D89667
 R-HEMBA1004354//Human DNA from overlapping chromosome 19-specific cosmid R29515 and R28253, genomic sequence, complete sequence.//7.0e-38:287:82//AC003002
 5 R-HEMBA1004356//Sequence 2 from patent US 5652144.//3.7e-108:588:92//I58611
 R-HEMBA1004366//WORKING DRAFT SEQUENCE, 3 unordered pieces.//1.8e-14:446:63//AC005949
 R-HEMBA1004372//CIT-HSP-2005C13.TF CIT-HSP Homo sapiens genomic clone 2005C13, genomic survey sequence.//0.010:334:61//B55811
 10 R-HEMBA1004389//Homo sapiens full-length insert cDNA clone ZE09A11.//1.5e-19:170:83//AF086540
 R-HEMBA1004394//Human (D21S198) DNA segment containing (TG)23 repeat.//1.0:50:84//X58124
 R-HEMBA1004396//Homo sapiens chromosome 4 clone B240N9, map 4q25, complete sequence.//8.2e-34:459:69//AC004057
 R-HEMBA1004405//Homo sapiens BAC clone GS589P19 from 7p13-p14, complete sequence.//2.8e-42:314:84//
 15 AC005030
 R-HEMBA1004408
 R-HEMBA1004429//M.musculus of DNA encoding DNA-binding protein.//1.6e-66:449:82//Z54200
 R-HEMBA1004433//Homo sapiens chromosome 21q22.3, PAC clones 314N7, 225L15, BAC clone 7B7, complete sequence bases 1..333303.//7.2e-32:460:68//AJ011930
 20 R-HEMBA1004460//Homo sapiens clone DJ0647C14, WORKING DRAFT SEQUENCE, 21 unordered pieces.//3.9e-113:581:96//AC004846
 R-HEMBA1004461//HS_3244_A2_F12_MR CIT Approved Human Genomic Sperm Library D Homo sapiens genomic clone Plate=3244 Col=24 Row=K, genomic survey sequence.//8.0e-83:397:99//AQ220876
 R-HEMBA1004479//Homo sapiens PAC clone DJ0942I16 from 7q11, complete sequence.//1.7e-40:485:70//
 25 AC006012
 R-HEMBA1004482//Plasmodium falciparum chromosome 2, section 7 of 73 of the complete sequence.//2.2e-11:513:59//AE001370
 R-HEMBA1004502//Homo sapiens chromosome 17, clone hRPK.372_K_20, complete sequence.//2.0e-08:245:66//AC005951
 30 R-HEMBA1004506//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 34606, WORKING DRAFT SEQUENCE.//4.2e-81:582:83//Z84487
 R-HEMBA1004507//Caenorhabditis elegans cosmid C40C9, complete sequence.//0.56:235:64//Z70266
 R-HEMBA1004509
 R-HEMBA1004534//Sequence 58 from patent US 5691147.//1.9e-61:430:83//I76230
 35 R-HEMBA1004538//HS_3189_B2_C03_T7 CIT Approved Human Genomic Sperm Library D Homo sapiens genomic clone Plate=3189 Col=6 Row=F, genomic survey sequence.//6.1e-21:140:92//AQ170330
 R-HEMBA1004554//CIT-HSP-712K9.TP CIT-HSP Homo sapiens genomic clone 712K9, genomic survey sequence.//1.7e-16:116:93//B73329
 R-HEMBA1004560//Human mRNA for KIAA0281 gene, complete cds.//2.2e-14:213:71//D87457
 40 R-HEMBA1004573
 R-HEMBA1004577//Human DNA sequence from cosmid L247F6, Huntington's Disease Region, chromosome 4p16.3 contains protein similar to Mouse SH3 binding protein 3BP2, multiple ESTs and a CpG island.//1.0:352:60//Z68279
 R-HEMBA1004586
 45 R-HEMBA1004586//Plasmodium falciparum MAL3P6, complete sequence.//0.0012:359:60//Z98551
 R-HEMBA1004610//S.pombe chromosome II cosmid c354.//0.0011:362:62//AL022071
 R-HEMBA1004617//Homo sapiens mRNA, chromosome 1 specific transcript KIAA0501.//1.4e-50:327:85//AB007970
 R-HEMBA1004629//Homo sapiens Xp22 bins 16-17 BAC GSHB-531I17 (Genome Systems Human BAC Library) complete sequence.//4.4e-13:527:63//AC004805
 50 R-HEMBA1004631//Rattus norvegicus Nclone10 mRNA.//2.9e-24:364:71//U31866
 R-HEMBA1004632
 R-HEMBA1004637//Homo sapiens clone DJ0982E09, WORKING DRAFT SEQUENCE, 3 unordered pieces.//7.7e-117:573:98//AC005534
 55 R-HEMBA1004638//H.sapiens mRNA for DGCR2.//3.8e-19:118:99//X84076
 R-HEMBA1004666//Arabidopsis thaliana chromosome II BAC T4E14 genomic sequence, complete sequence.//0.00013:501:58//AC005171
 R-HEMBA1004669//Human DNA sequence from clone 465N24 on chromosome 1p35.1-36.13. Contains two novel

genes, ESTs, GSSs and CpG islands, complete sequence//1.5e-120:571:98//AL031432
 R-HEMBA1004670//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 222E13, WORKING DRAFT SEQUENCE//4.4e-12:110:88//Z93241
 5 R-HEMBA1004672//Human DNA sequence from PAC 308I13 on chromosome 1p35-1p36.3//3.4e-38:324:81//Z99291
 R-HEMBA1004693//Arabidopsis thaliana genomic DNA, chromosome 5, P1 clone: MPO12, complete sequence//0.86:309:57//AB006702
 R-HEMBA1004697//T33B22TF TAMU Arabidopsis thaliana genomic clone T33B22, genomic survey sequence//0.29:331:61//B97342
 10 R-HEMBA1004705//Plasmodium falciparum MAL3P7, complete sequence//0.051:424:58//AL034559
 R-HEMBA1004709//Homo sapiens Chromosome 16 BAC clone CIT987SK-A-116A10, complete sequence//1.7e-49:497:76//AC004638
 R-HEMBA1004711//Homo sapiens chromosome 17, clone hRPK.271_K_11, complete sequence//1.6e-38:362:79//AC005562
 15 R-HEMBA1004725
 R-HEMBA1004730//Homo sapiens Chromosome 17p13 Cosmid Clone cos26, complete sequence//1.1e-58:489:79//AC002085
 R-HEMBA1004733
 R-HEMBA1004734//Human DNA sequence from clone 273N12 on chromosome 6q16.1-16.3. Contains the gene for the N-Oct5a (N-Oct3, N-Oct5b) POU domain proteins and an unknown gene. Contains a putative CpG island, ESTs, STSs and GSSs, complete sequence//0.0030:362:61//AL022395
 20 R-HEMBA1004736//Homo sapiens clone DJ0981O07, complete sequence//1.9e-58:282:87//AC006017
 R-HEMBA1004748//Homo sapiens PAC clone DJ1059M17 from 7q21-q31.1, complete sequence//3.6e-34:287:81//AC004953
 25 R-HEMBA1004751//Human DNA sequence from PAC 507I15 on chromosome Xq26.3-27.3. Contains 60S ribosomal protein L44 (L41, L36) like gene, ESTs, STSs and a polymorphic CA repeat//5.3e-40:266:89//Z98950
 R-HEMBA1004752//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 495010, WORKING DRAFT SEQUENCE//3.3e-39:281:85//AL031121
 R-HEMBA1004753//Homo sapiens ribosomal protein S20 (RPS20) mRNA, complete cds//2.6e-65:475:84//L06498
 30 R-HEMBA1004756//Homo sapiens DNA sequence from PAC 86C11 on chromosome 6p21.31-22.1. Contains histone genes H2A/1, H2B.1A, H4, H2A.1b, H3 pseudogene, pheromone receptor pseudogene, ESTs, STS and CpG island//1.8e-08:516:59//AL021807
 R-HEMBA1004758//Homo sapiens chromosome 4 clone B240N9 map 4q25, complete sequence//5.1e-45:577:72//AC004057
 35 R-HEMBA1004763
 R-HEMBA1004768//Human DNA sequence from clone 395P12 on chromosome 1q24-25. Contains the TXGP1 gene for tax-transcriptionally activated glycoprotein 1 (34kD) (OX40 ligand, OX40L) and a GOT2 (Aspartate Aminotransferase, mitochondrial precursor, EC 2.6.1.1, Transaminase A, Glutamate Oxaloacetate Transaminase-2) pseudogene. Contains ESTs, STSs and GSSs, complete sequence//4.1e-60:435:78//AL022310
 40 R-HEMBA1004770//Plasmodium falciparum chromosome 2, section 8 of 73 of the complete sequence//8.7e-05:476:61//AE001371
 R-HEMBA1004771//Homo sapiens Xp22 Cosmid U152D7 (Lawrence Livermore human cosmid library) complete sequence//5.0e-08:113:80//AC003047
 45 R-HEMBA1004776
 R-HEMBA1004778//***ALU WARNING: Human Alu-J subfamily consensus sequence//1.1e-35:288:84//U14567
 R-nnnnnnnnnnnnn/HS_3192_B1_F09_T7 CIT Approved Human Genomic Sperm Library D Homo sapiens genomic clone Plate=3192 Col=17 Row=L, genomic survey sequence//1.9e-44:233:98//AQ155855
 R-HEMBA1004803//Homo sapiens minisatellite ms31 repeat region//3.0e-67:318:87//AF048728
 50 R-HEMBA1004806
 R-HEMBA1004807//Homo sapiens clone GS166C05, WORKING DRAFT SEQUENCE, 7 unordered pieces//3.6e-20:333:69//AC005015
 R-HEMBA1004816//Human DNA sequence from PAC 50A13 on chromosome Xp11. Contains ATP SYNTHASE LIPID BINDING PROTEIN P1 (P2, P3) precursor (ATP5G1, ATP5G2, ATP5G3) like pseudogene, ESTs and STSs.
 55 Contains polymorphic CA repeat//6.3e-13:148:77//Z92545
 R-HEMBA1004820//Human arginine-rich nuclear protein mRNA, complete cds//1.5e-12:141:85//M74002
 R-HEMBA1004847//Canine mRNA for 68kDA subunit of signal recognition particle (SRP68)//7.6e-80:297:85//X53744

- R-HEMBA1004850
R-HEMBA1004863//Human DNA sequence from PAC 345P10 on chromosome 22q12-qter contains ESTs and STS and polymorphic CA repeat D22S927.//2.0e-14:159:79//Z82201
R-HEMBA1004864
- 5 R-HEMBA1004865//Homo sapiens Xp22-149 BAC RPC111-466O4 (Roswell Park Cancer Institute Human BAC Library) complete sequence.//0.90:76:76//AC005297
R-HEMBA1004880//Homo sapiens clone DJ0309D19, WORKING DRAFT SEQUENCE, 12 unordered pieces.//1.9e-49:551:73//AC004826
R-HEMBA1004889//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 223B1, WORKING DRAFT SEQUENCE.//0.0021:189:65//AL031943
- 10 R-HEMBA1004900//Homo sapiens chromosome 17, clone hRPK.180_P_8, complete sequence.//6.6e-11:144:7711AC005972
R-HEMBA1004909//Human DNA sequence from clone 505B13 on chromosome 1p36.2-36.3 Contains CA repeat and GSSs, complete sequence.//7.6e-46:341:83//Z98052
- 15 R-HEMBA1004918//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 994L9, WORKING DRAFT SEQUENCE.//1.6e-54:301:89//AL034554
R-HEMBA1004923//Homo sapiens 47kB DNA fragment from Xq28, proximal to MTM1 gene.//2.0e-07:182:69//Y15994
R-HEMBA1004929
- 20 R-HEMBA1004930//Homo sapiens chromosome 11 clone CIT987SK.1012F4, WORKING DRAFT SEQUENCE, 6 unordered pieces.//7.7e-66:547:79//AC005848
R-HEMBA1004933//H.sapiens Humig mRNA.//0.13:233:62//X72755
R-HEMBA1004934//CIT-HSP-2021I16.TF CIT-HSP Homo sapiens genomic-clone 2021I16, genomic survey sequence.//0.66:268:62//B65345
- 25 R-HEMBA1004944//CIT-HSP-2281L12.TR CIT-HSP Homo sapiens genomic clone 2281L12, genomic survey sequence.//3.8e-20:104:82//B99849
R-HEMBA1004954//Homo sapiens chromosome 17, clone hRPK.146_P_2, WORKING DRAFT SEQUENCE, 4 unordered pieces.//0.00082:385:60//AC005341
R-HEMBA1004956//CIT-HSP-2305H22.TF CIT-HSP Homo sapiens genomic clone 2305H22, genomic survey sequence.//1.6e-84:411:99//AQ020408
- 30 R-HEMBA1004960//Human DNA sequence from PAC 358H7 on chromosome X.//3.3e-22:249:74//Z77249
R-HEMBA1004972//nbxb0003aF01f CUGI Rice BAC Library Oryza sativa genomic clone nbxb0003K01f, genomic survey sequence.//0.52:171:64//AQ049982
R-HEMBA1004973//*** SEQUENCING IN PROGRESS *** EPM1/APECED region of chromosome 21, clones A68E8, B127P21, B173L3, B23N8, C1242C9, C579E2, A70B6, B159G9, B175D10, B52C10, C124G1 Note: Sequencing in this region has been discontinued by the Stanford Human Genome Center, WORKING DRAFT SEQUENCE, 50 unordered pieces.//0.69:179:64//AC003656
- 35 R-HEMBA1004977//Caenorhabditis elegans cosmid F08G2, complete sequence.//7.6e-07:492:58//Z81495
R-HEMBA1004978//Human DNA sequence from clone 522P13 on chromosome 6p21.31-22.3. Contains a 60S Ribosomal Protein L21 pseudogene and an HNRNP A3 (Heterogenous Nuclear Riboprotein A3, FBRNP) pseudogene. Contains ESTs, STSs and GSSs, complete sequence.//0.20:427:60//AL024509
R-HEMBA1004980//CIT-HSP-2379K5.TF CIT-HSP Homo sapiens genomic clone 2379K5, genomic survey sequence.//1.6e-53:331:88//AQ108614
- 40 R-HEMBA1004983//Genomic sequence from Human 17, complete sequence.//0.00061:473:58//AC000389
R-HEMBA1004995//Homo sapiens chromosome 16, cosmid clone.306E5 (LANL), complete sequence.//1.6e-90:527:89//AC004224
R-HEMBA10050087//Human DNA sequence from clone 461P17 on chromosome 20q12-13.2. Contains four novel (pseudo)genes for proteins with Kunitz/Bovine pancreatic trypsin inhibitor and/or WAP-type (Whey Acidic Protein) 'four-disulfide core' domains, COX6C (Cytochrome C Oxidase Polypeptide VIC, EC 1.9.3.1) and RPL5 (60S Ribosomal Protein L5) pseudogenes, a pseudogene similar to part of the HSPD1 (HSP60, Mitochondrial Matrix Protein P1 precursor, Heat Shock Protein 60, GROEL protein, HUCHA60) gene, and the Major Epididymis-specific protein E4 precursor (HE4, Epididymis Secretory protein E4, WAP-type (Whey Acidic Protein) 'four-disulfide core' domain) gene. Contains ESTs, an STS, GSSs and a putative CpG island, complete sequence.//5.4e-65:357:83//AL031663
- 50 R-HEMBA1005009//Homo sapiens BAF53a (BAF53a) mRNA, complete cds.//5.6e-107:550:96//AF041474
R-HEMBA1005019//Homo sapiens mRNA for KIAA0648 protein, partial cds.//6.3e-104:542:94//AB014548
R-HEMBA1005029//Homo sapiens DNA sequence from PAC 97D16 on chromosome 6p21.3-22.2. Contains an unknown pseudogene, a 60S Ribosomal protein L24 (L30) LIKE pseudogene and histone genes H2BFC (H2B/c),
- 55

- H4FFP (H4/f pseudogene), H2AFC (H2A/c), H3F1K (H3.1/k) and a tRNA-Val pseudogene and tRNA-Thr gene. Contains ESTs, STSs, GSSs and genomic marker D6S464, complete sequence.//3.1e-67:493:83//AL009179
 R-HEMBA1005035//Homo sapiens chromosome 17, clone hCIT.175_E_5, complete sequence.//7.4e-101:537:94//AC004596
- 5 R-HEMBA1005039//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 1018D12, WORKING DRAFT SEQUENCE.//9.5e-30:446:68//AL031650
 R-HEMBA1005047//Mus musculus mRNA for Rab24 protein.//1.4e-34:229:88//Z22819
 R-HEMBA1005050//Human Chromosome X PAC RPC11-290C9 from the Pieter de Jong Human PAC library; complete sequence.//4.0e-43:371:80//AC002404
- 10 R-HEMBA1005062//Homo sapiens chromosome 17, clone hCIT.186_H_2, complete sequence.//2.3e-15:269:66//AC004675
 R-HEMBA1005066//Homo sapiens clone NH0001P09, WORKING DRAFT SEQUENCE, 1 unordered pieces.//4.0e-30:305:74//AC006030
 R-HEMBA1005075
- 15 R-HEMBA1005079//Homo sapiens clone HS 19.11 Alu-Ya5 sequence.//6.5e-48:245:91//AF015156
 R-HEMBA1005083//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 1185N5, WORKING DRAFT SEQUENCE.//1.3e-15:142:83//AL034423
 R-HEMBA1005101//Homo sapiens SYT interacting protein SIP mRNA, complete cds.//5.3e-110:545:96//AF080561
- 20 R-HEMBA1005113//Caenorhabditis elegans DNA *** SEQUENCING IN PROGRESS *** from clone Y53C10, WORKING DRAFT SEQUENCE.//0.026:252:64//Z93340
 R-HEMBA1005123//Homo sapiens DNA sequence from clone 78F24 on chromosome 22q12.1-12.3. Contains one exon of an Oxysterol-binding protein (OSBP) LIKE gene. Contains GSSs and an STS, complete sequence.//7.1e-55:306:82//AL022336
- 25 R-HEMBA1005133//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone Y738F9, WORKING DRAFT SEQUENCE.//6.4e-45:309:87//AL022345
 R-HEMBA1005149//Human cosmid LL12NC01-95H4, ETV6 gene, exon 2 and partial cds.//3.2e-31:310:76//U81834
 R-HEMBA1005152//Homo sapiens DNA sequence from PAC 13D10 on chromosome 6p22.3-23. Contains CpG island.//1.4e-33:361:79//AL021407
- 30 R-HEMBA1005159//Human DNA sequence from clone 163016 on chromosome 1p35.1-36.13 Contains CA repeat, STS, complete sequence.//2.7e-22:440:66//AL031279
 R-HEMBA1005185//Caenorhabditis elegans DNA *** SEQUENCING IN PROGRESS *** from clone Y105E8, WORKING DRAFT SEQUENCE.//0.0017:381:58//AL022594
- 35 R-HEMBA1005201//P.falciparum complete gene map of plastid-like DNA (IR-B).//8.5e-05:457:57//X95276
 R-HEMBA1005202//Human 18S ribosomal RNA.//4.7e-38:236:91//X03205
 R-HEMBA1005219
 R-HEMBA1005223//Homo sapiens clone DJ0673M15, WORKING DRAFT SEQUENCE, 33 unordered pieces.//1.0:209:65//AC004854
- 40 R-HEMBA1005232//Homo-sapiens chromosome Y, clone 264.M.20, complete sequence.//0.0040:439:58//AC004617
 R-HEMBA1005241//Homo sapiens PAC clone DJ0777023 from 7p14-p15, complete sequence.//4.2e-111:568:96//AC005154
 R-HEMBA1005244//HS_3092_B2_C11_MF CIT Approved Human Genomic Sperm Library D Homo sapiens genomic clone Plate=3092 Col=22 Row=F, genomic survey sequence.//4.9e-12:116:84//AQ127947
- 45 R-HEMBA1005251//Homo sapiens PAC clone DJ1182N03 from 7q11.23-q21.1, complete sequence.//3.2e-27:210:84//AC004548
 R-HEMBA1005252//Homo sapiens chromosome 17, clone hRPK.318_A_15, complete sequence.//4.6e-105:437:97//AC005837
- 50 R-HEMBA1005274//Slime mold mitochondrial DNA, binding region to the membrane system.//0.011:339:59//D86630
 R-HEMBA1005275//Homo sapiens PAC clone DJ0886O08 from 7q32-q35, complete sequence.//3.4e-17:269:71//AC004914
 R-HEMBA1005293//Human DNA sequence from PAC 130N4, BRCA2 gene region chromosome 13q12-13 contains xs7 mRNA, ESTs.//6.9e-20:193:73//Z75887
- 55 R-HEMBA1005296//HS_3037_B1_D01_MR CIT Approved Human Genomic Sperm Library D Homo sapiens genomic clone Plate=3037 Col=1 Row=H, genomic survey sequence.//0.26:184:64//AQ117120
 R-HEMBA1005304//Homo sapiens clone DJ0693M11, WORKING DRAFT SEQUENCE, 7 unordered pieces.//

- 1.5e-58:445:78//AC006146
 R-HEMBA1005311//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 796E4, WORKING DRAFT SEQUENCE.//9.3e-42:383:78//AL022337
 R-HEMBA1005314//Caenorhabditis elegans cosmid F23H11.//0.80:179:65//AF003389
- 5 R-HEMBA1005315//Homo sapiens clone NH0001P09, WORKING DRAFT SEQUENCE, 1 unordered pieces.//2.4e-40:409:71//AC006030
 R-HEMBA1005318//S.pombe chromosome I cosmid c2E11.//0.97:370:61//AL031181
 R-HEMBA1005331//Homo sapiens chromosome 17, clone hRPK.214_C_8, complete sequence.//1.9e-112:577:95//AC005803
- 10 R-HEMBA1005353//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 429E7, WORKING DRAFT SEQUENCE.//8.9e-80:406:97//AL031722
 R-HEMBA1005359//Homo sapiens chromosome 17, clone hRPK.22_N_12, WORKING DRAFT SEQUENCE, 2 ordered pieces.//3.2e-50:320:84//AC005412
 R-HEMBA1005367//RPC111-85E23.TV RPC111 Homo sapiens genomic clone R-85E23, genomic survey sequence.//0.39:148:67//AQ281915
- 15 R-HEMBA1005372//Homo sapiens full-length insert cDNA YH93B03.//2.6e-108:557:95//AF074997
 R-HEMBA1005374//Homo sapiens full-length insert cDNA clone ZA95D11.//1.9e-110:531:98//AF086142
 R-HEMBA1005389//Human DNA sequence from clone 245G19 on chromosome Xp22.11-22.2 Contains serine-threonine kinase (Txp3) gene, a pseudogene similar to ALPHA-1 PROTEIN ((CONNEXIN 43, CX43, GAP JUNCTION 43 KD HEART PROTEIN)), and the 3' end of the RS (X-linked juvenile retinoschisis precursor protein) gene. Contains ESTs, STSs and GSSs, complete sequence.//6.0e-41:432:75//Z92542
- 20 R-HEMBA1005394//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 681N20, WORKING DRAFT SEQUENCE.//4.9e-107:585:93//AL031670
 R-HEMBA1005403//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 423B22, WORKING DRAFT SEQUENCE.//5.1e-118:586:97//AL034379
- 25 R-HEMBA1005408//Bos taurus retina membrane guanylate cyclase ROS-GC2 mRNA, complete cds.//1.6e-06:204:68//U95958
 R-HEMBA1005410//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 732E4, WORKING DRAFT SEQUENCE.//1.2e-23:452:66//AL008722
- 30 R-HEMBA1005411//RPC111-66N19.TK RPC111 Homo sapiens genomic clone R-66N19, genomic survey sequence.//2.2e-38:222:79//AQ237442
 R-HEMBA1005423//Homo sapiens cyclin-dependent kinase inhibitor (CDKN2C) mRNA, complete cds.//5.6e-117:453:99//AF041248
 R-HEMBA1005426//Human DNA sequence from PAC 448E20 on chromosome Xq26.1 contains ESTs and STS.//0.86:278:60//Z97196
- 35 R-HEMBA1005443//Homo sapiens (clone s153) mRNA fragment.//5.4e-46:305:87//L40391
 R-HEMBA1005447//Human DNA sequence from clone 48G12 on chromosome Xq27.1-27.3. Contains STSs and GSSs, complete sequence.//3.3e-79:531:86//AL031054
 R-HEMBA1005468//Homo sapiens PAC clone DJ0808G16 from 7q11.23-q21, complete sequence.//4.0e-27:469:66//AC004894
- 40 R-HEMBA1005469//Homo sapiens chromosome 16, P1 clone 96-4B (LANL), complete sequence.//7.2e-40:410:76//AC005212
 R-HEMBA1005472//Human DNA Sequence *** SEQUENCING IN PROGRESS *** from clone 1090E8, WORKING DRAFT SEQUENCE.//3.1e-40:296:85//AL033524
- 45 R-HEMBA1005475//HS_2266_B2_C04_MF CIT Approved Human Genomic Sperm Library D Homo sapiens genomic clone Plate=2266 Col=8 Row=F, genomic survey sequence.//0.49:209:61//AQ069377
 R-HEMBA1005497
 R-HEMBA1005500//Homo sapiens PAC clone DJ1093O17 from 7q11.23-q21, complete sequence.//4.5e-116:580:97//AC004957
- 50 R-HEMBA1005506//Arabidopsis thaliana BAC T26D22.//0.0050:442:59//AF058826
 R-HEMBA1005508//Sigalphus sp. 16S ribosomal RNA gene, partial sequence.//0.020:391:59//AF003509
 R-HEMBA1005511//Human DNA sequence from PAC 52D1 on chromosome Xq21. Contains CA repeats, STS.//0.44:195:63//Z96811
- 55 R-HEMBA1005517//Bovine herpesvirus type 1 early-intermediate transcription control protein (BICP4) gene, complete cds.//0.44:470:57//L14320
 R-HEMBA1005518//M.musculus mRNA for paladin gene.//6.2e-29:183:81//X99384
 R-HEMBA1005520//Homo sapiens clone DJ0876A24, WORKING DRAFT SEQUENCE, 6 unordered pieces.//7.2e-40:281:86//AC004913

- R-HEMBA1005526//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 341D10, WORKING
DRAFT SEQUENCE.//3.9e-40:482:73//Z97985
- R-HEMBA1005528//Homo sapiens genomic DNA of 8p21.3-p22 anti-oncogene of hepatocellular colorectal and
non-small cell lung cancer, segment 3/11.//3.8e-84:309:99//AB020860
- 5 R-HEMBA1005530//Homo sapiens PAC clone 946B23 SCA2 region, SP6 end, genomic sequence, genomic sur-
vey sequence.//8.1e-25:154:94//U84091
- R-HEMBA1005548//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 970A17, WORKING
DRAFT SEQUENCE.//5.3e-105:534:96//AL034431
- 10 R-HEMBA1005552//Homo sapiens PAC clone DJ0807C15 from 7q34-q36, complete sequence.//2.8e-69:432:88//
AC004743
- R-HEMBA1005558
R-HEMBA1005568//Homo sapiens Xp22 GSHB-314C4 (Genome Systems Human BAC library) complete se-
quence.//5.9e-33:367:74//AC004087
- R-HEMBA1005570//Human DNA sequence from clone 192P9 on chromosome Xp11.23-11.4. Contains a pseu-
dogene similar to rat Plasmolipin, ESTs and GSSs, complete sequence.//2.2e-67:399:91//AL020989
- 15 R-HEMBA1005576//Homo sapiens chromosome 16, BAC clone 97H22 (LANL), complete sequence.//1.0:156:
631//AC005737
- R-HEMBA1005577
R-HEMBA1005581//Homo sapiens mRNA for MEGFS, partial cds.//9.7e-27:561:64//AB011538
- 20 R-HEMBA1005582//Torulopsis glabrata mitochondrial intergenic region ATPase 9 -cytochrome oxidase 2 genes.//
2.3e-10:404:62//X02171
- R-HEMBA1005583//HS_3014_B1_D05_T7 CIT Approved Human Genomic Sperm Library D Homo sapiens ge-
nomic clone Plate=3014 Col=9 Row=H, genomic survey sequence.//3.0e-81:442:94//AQ154499
- R-HEMBA1005588//Human DNA sequence from clone 1409 on chromosome Xp11.1-11.4. Contains a Inter-Alpha-
Trypsin Inhibitor Heavy Chain LIKE gene, a alternatively spliced Melanoma-Associated Antigen MAGE LIKE gene
- 25 and a 6-Phosphofructo-2-kinase (Fructose-2,6-bisphosphatase) LIKE pseudogene. Contains ESTs, STSs and ge-
nomic marker DXS8032, complete sequence.//1.8e-54:490:77//Z98046
- R-HEMBA1005593//Homo sapiens chromosome 17, clone hRPK.332_H_18, complete sequence.//2.2e-28:262:
79//AC005746
- 30 R-HEMBA1005595//HS_2224_A2_G03_MF CIT Approved Human Genomic Sperm Library D Homo sapiens ge-
nomic clone Plate=2224 Col=6 Row=M, genomic survey sequence.//3.6e-48:263:95//AQ033446
- R-HEMBA1005606//Human PAC clone DJ0093I03 from Xq23, complete sequence.//2.5e-08:355:63//AC003983
- R-HEMBA1005609//HS_2182_B1_H06_MF CIT Approved Human Genomic Sperm Library D Homo sapiens ge-
nomic clone Plate=2182 Col=11 Row=P, genomic survey sequence.//2.2e-82:400:99//AQ023130
- 35 R-HEMBA1005616//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 124K22, WORKING
DRAFT SEQUENCE.//0.80:308:60//AL031176
- R-HEMBA1005621//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 330012, WORKING
DRAFT SEQUENCE.//7.4e-76:338:98//AL031731
- 40 R-HEMBA1005627//Homo sapiens full-length insert cDNA clone ZD53D02.//4.5e-72:398:93//AF086321
- R-HEMBA1005631//Homo sapiens PAC clone DJ1086D14, complete sequence.//3.8e-17:548:60//AC004460
- R-HEMBA1005632//Homo sapiens DNA sequence from PAC 168L15 on chromosome 6q26-27. Contains RSK3
gene, ribosomal protein S6 kinase, EST, GSS, STS. CpG island, complete sequence.//1.4e-13:172:75//AL022069
- R-HEMBA1005634//RPCI11-13O15.TVB RPCI-11 Homo sapiens genomic clone RPCI-11-13O15, genomic survey
sequence.//1.0e-28:153:82//B73293
- 45 R-HEMBA1005666//Human DNA sequence from PAC 696H22 on chromosome Xq21.1-21.2. Contains a mouse
E25 like gene, a Kinesin like pseudogene and ESTs.//4.5e-51:343:87//AL021786
- R-HEMBA1005670//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 11703, WORKING
DRAFT SEQUENCE.//2.5e-33:288:78//AL020995
- R-HEMBA1005679//Human esterase D mRNA, 3'end.//4.2e-49:322:88//M13450
- 50 R-HEMBA1005680//Homo sapiens Chr.14 PAC RPCI4-794B2 (Roswell Park Cancer Institute Human PAC Library)
complete sequence.//3.0e-36:285:83//AC005924
- R-HEMBA1005685//H.sapiens (MAR8) chromosome 19 DNA, 343bp.//0.022:65:86//Z35281
- R-HEMBA1005699//Human putative EPH-related PTK receptor ligand LERK-8 (Eplg8) mRNA, complete cds.//
5.4e-46:376:84//U66406
- 55 R-HEMBA1005705//RPCI11-13O14.TP RPCI-11 Homo sapiens genomic clone RPCI-11-13O14, genomic survey
sequence.//0.071:182:59//B76186
- R-HEMBA1005717//Human DNA sequence from PAC 50A13 on chromosome Xp11. Contains ATP SYNTHASE
LIPID BINDING PROTEIN P1 (P2, P3) precursor (ATP5G1, ATP5G2, ATP5G3) like pseudogene, ESTs and STSs.

- Contains polymorphic CA repeat.//1.0:189:66//Z92545
 R-HEMBA1005732//Human Chromosome 11q12 pac pDJ363p2, WORKING DRAFT SEQUENCE, 22 unordered pieces.//2.1e-47:449:75//AC003023
 R-HEMBA1005737
- 5 R-nnnnnnnnnnn//H.sapiens DNA for repeat unit locus D18S51 (285 bp).//0.11:174:63//X91255
 R-HEMBA1005755//Human DNA-sequence from clone 396D17 on chromosome 1p33-35.3 Contains EST, STS, GSS, complete sequence.//0.15:160:65//AL008634
 R-HEMBA1005765//Human Xq28 cosmids U225B5 and U236A12, complete sequence.//5.2e-39:422:74//U71148
 R-HEMBA1005780//Homo sapiens genomic DNA, chromosome 21q22.2 (Down Syndrome region), segment 3/15, WORKING DRAFT SEQUENCE.//0.037:261:61//AP000010
- 10 R-HEMBA1005813//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone Y313F4, WORKING DRAFT SEQUENCE.//1.7e-26:242:80//AL023808
 R-HEMBA1005815//Bufo boreas MVZ 145227 c-mos gene, partial cds.//0.17:199:62//U52805
 R-HEMBA1005822//Plasmodium falciparum MAL3P7, complete sequence.//0.26:437:56//AL034559
- 15 R-HEMBA1005829//Human Cosmid g1572c035, complete sequence.//3.8e-05:366:61//AC000124
 R-HEMBA1005834//Human DNA sequence from clone 51J12 on chromosome 6q26-27. Contains the 3' part of the alternatively spliced gene for the human orthologs of mouse QKI-7 and QKI-7B (KH Domain RNA Binding proteins) and zebrafish ZKQ-1 (Quaking protein homolog). Contains ESTs, STSs and GSSs, complete sequence.//8.2e-107:551:96//AL031781
- 20 R-HEMBA1005852//F.rubripes GSS sequence, clone 163A22aA4, genomic survey sequence.//2.6e-17:225:72//AL018730
 R-HEMBA1005853//Human Chromosome 15 pac pDJ24m8, complete sequence.//1.1e-27:314:75//AC000379
 R-HEMBA1005884//Homo sapiens 12p13.3 BAC RPC13-488H23 (Roswell Park Cancer Institute Human BAC Library) complete sequence.//2.6e-20:328:67//AC006207
- 25 R-HEMBA1005891//Homo sapiens PAC clone DJ0997N05 from 7q11.23-q21.1, complete sequence.//2.0e-102:543:95//AC004945
 R-HEMBA1005894
 R-HEMBA1005909
- 30 R-HEMBA1005911//CIT-HSP-2342E5.TR CIT-HSP Homo sapiens genomic clone 2342E5, genomic survey sequence.//0.0012:315:60//AQ058081
 R-HEMBA1005921//P.chrysogenum mitochondrion genes for tRNA-Arg, tRNA-Asn, tRNA-Tyr, small subunit rRNA, and ATPase subunit 6.//0.0090:445:58//Z23072
 R-HEMBA1005931//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 54B20, WORKING DRAFT SEQUENCE.//1.7e-46:351:83//Z98304
- 35 R-HEMBA1005934//Homo sapiens chromosome 17, clone hRPK.261_A_13, complete sequence.//0.0052:179:71//AC005138
 R-HEMBA1005962//Homo sapiens clone RG012D21, complete sequence.//1.1e-11:149:74//AC005045
 R-HEMBA1005963//HS_3055_A1_E08_MR CIT Approved Human Genomic Sperm Library D Homo sapiens genomic clone Plate=3055 Col=15 Row=I, genomic survey sequence.//5.4e-79:403:97//AQ147357
- 40 R-HEMBA1005990//Homo sapiens I-1 receptor candidate protein mRNA, complete cds.//6.9e-112:580:95//AF082516
 R-HEMBA1005991//Human DNA sequence from clone 58A9 on chromosome 1q24.1-24.3. Contains STSs, GSSs, genomic marker D1S210 and a ca repeat polymorphism, complete sequence.//2.6e-39:299:82//AL031285
 R-HEMBA1005999//Homo sapiens clone DJ0691F11, WORKING DRAFT SEQUENCE, 11 unordered pieces.//1.1e-29:260:70//AC004859
- 45 R-HEMBA1006002//Rattus norvegicus s-nexilin mRNA, complete cds.//6.3e-15:174:78//AF056035
 R-HEMBA1006005//Homo sapiens MLL (MLL) gene, exons 1-3, and partial cds.//2.6e-112:574:95//AF036405
 R-nnnnnnnnnnn//Homo sapiens mRNA for KIAA0725 protein, partial cds.//7.6e-27:444:67//AB018268
 R-HEMBA1006035//Plasmodium falciparum 3D7 chromosome 12 PFYAC336 genomic sequence, WORKING DRAFT SEQUENCE, 5 unordered pieces.//0.025:373:60//AC005139
- 50 R-HEMBA1006036//Homo sapiens Chromosome 16 BAC clone CIT987SK-625P11, complete sequence.//0.0056:535:59//AC004125
 R-HEMBA1006042//HS_2169_A1_B11_MF CIT Approved Human Genomic Sperm Library D Homo sapiens genomic clone Plate=2169 Col=21 Row=C, genomic survey sequence.//1.7e-73:390:95//AQ132995
- 55 R-nnnnnnnnnnn
 R-HEMBA1006081
 R-HEMBA1006090//HS_2262_A2_A01_T7 CIT Approved Human Genomic Sperm Library D Homo sapiens genomic clone Plate=2262 Col=2 Row=A, genomic survey sequence.//2.1e-70:360:97//AQ216324

R-HEMBA1006091
R-HEMBA1006100/Homo sapiens DNA sequence from PAC 212G6 on chromosome Xp11.3-p11.4. Contains syn-
apsin 1, brain protein 4.1, properdin, tyrosine kinase (ELK1) oncogene, ESTs, STS, GSS, complete sequence//
1.6e-36:354:77//AL009172

5 R-HEMBA1006108
R-HEMBA1006121
R-HEMBA1006124/Human DNA sequence from BAC 175E3 on chromosome 22q11.2-qter. Contains ESTs, STSs
and polymorphic CA repeat//1.3e-12:327:64//Z95113
R-HEMBA1006130//WORKING DRAFT SEQUENCE, 3 unordered pieces//0.60:326:62//AC005948

10 R-nnnnnnnnnnnn/Homo sapiens chromosome 19, cosmid F16403, complete sequence//4.3e-52:321:80//
AC005777
R-HEMBA100614211, complete sequence//1.0e-13:160:78//AC005500
R-HEMBA1006155//Plasmodium falciparum 3D7 chromosome 12 PFYAC69 genomic sequence, WORKING
DRAFT SEQUENCE, 4 unordered pieces//0.0013:389:60//AC004688

15 R-HEMBA1006158/Homo sapiens transcription factor forkhead-like 7 (FKHL7) gene, complete cds//1.4e-119:
574:98//AF048693
R-HEMBA1006173//Mus musculus protein tyrosine phosphatase STEP61 mRNA, complete cds//4.1e-43:307:86//
U28217
R-HEMBA1006182/Homo sapiens BAC clone RG139P11 from 7q11-q21, complete sequence//1.7e-30:300:71//
AC004491

20 R-HEMBA1006198//**ALU WARNING: Human Alu-J subfamily consensus sequence//1.3e-36:284:85//U14567
R-HEMBA1006235/Homo sapiens clone 24422 mRNA sequence//2.1e-110:545:97//AF070557
R-HEMBA1006248/Homo sapiens mRNA for KIAA0667 protein, partial cds//0.46:365:58//AB014567
R-HEMBA1006252//Human Chromosome 16 BAC clone CIT987SK-A-972D3, complete sequence//2.8e-41:438:
25 71//U91323
R-HEMBA1006253/Homo sapiens 45kDa splicing factor mRNA, complete cds//1.8e-28:179:91//AF083384
R-HEMBA1006259//RPC11-44N14.TJ RPC11 Homo sapiens genomic clone R-44N14, genomic survey se-
quence//1.5e-48:348:85//AQ203161
R-HEMBA1006268

30 R-HEMBA1006272//Human DNA sequence from clone 1198H6 on chromosome 1p36.11-36.31. Contains two
Melanoma Preferentially Expressed Antigen PRAME LIKE genes. Contains GSSs and ESTs, complete sequence//
2.8e-73:273:87//AL023753
R-nnnnnnnnnnnn/H.sapiens PAP mRNA//1.6e-54:585:71//X76770
R-HEMBA1006283//Sequence 7 from patent US 5776683//9.7e-18:113:98//AR016240

35 R-HEMBA1006284/Homo sapiens chromosome 17, clone hRPC.1028_K_7, complete sequence//0.97:447:59//
AC004585
R-HEMBA1006291/Homo sapiens full-length insert cDNA clone ZB76B10//2.9e-94:454:98//AF086161
R-HEMBA1006293//Sequence 8 from patent US 5721351//8.1e-10:111:72//I89415
R-HEMBA1006309/Homo sapiens chromosome 17, clone hRPK.22_N_12, WORKING DRAFT SEQUENCE, 2
40 ordered pieces//8.6e-37:288:84//AC005412
R-HEMBA1006310//Rattus norvegicus cytosolic sorting protein PACS-1a (PACS-1) mRNA, complete cds//6.5e-
29:132:81//AF076183
R-HEMBA1006328//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 894K16, WORKING
DRAFT SEQUENCE//3.3e-50:340:75//AL034429

45 R-HEMBA1006334
R-HEMBA1006344//Rattus norvegicus nitzin mRNA, partial cds//8.7e-22:259:72//AF087945
R-HEMBA1006347//Human prostaticin gene, complete cds//1.8e-78:170:100//U33446
R-HEMBA1006349//Rat brain calcium channel alpha-1 subunit mRNA, complete cds//0.00051:120:73//M57682
R-HEMBA1006359//CITBI-E1-2516C16.TR CITBI-E1 Homo sapiens genomic clone 2516C16, genomic survey
50 sequence//4.7e-74:576:82//AQ277951
R-HEMBA1006364//G.gallus gene for transforming growth factor-beta2, exons 5-7//2.5e-21:118:85//X59080
R-HEMBA1006377//Homo sapiens chromosome 19, cosmid F23149, complete sequence//5.7e-68:367:85//
AC005239
R-HEMBA1006380//Human BAC clone RG007J15 from 7q31, complete sequence//6.1e-47:300:83//AC003989

55 R-HEMBA1006381//Homo sapiens chromosome 5, Bac clone 189 (LBNL H135), complete sequence//1.5e-47:
336:86//AC005914
R-HEMBA1006398//Homo sapiens chromosome 5, BAC clone 203o13 (LBNL H155), complete sequence//1.5e-
67:501:83//AC005609

- R-HEMBA1006416//Homo sapiens chromosome 17, clone 347_H_5, complete sequence//4.4e-37:319:76//AC002119
- R-HEMBA1006419//Homo sapiens chromosome 17, clone HCIT542B22, complete sequence//2.9e-50:502:75//AC004253
- 5 R-HEMBA1006421//Homo sapiens chromosome 14q24.3 clone BAC270M14 transforming growth factor-beta 3 (TGF-beta 3) gene, complete cds; and unknown genes//4.1e-116:572:97//AF107885
- R-HEMBA1006424//Human DNA sequence from clone 51J12 on chromosome 6q26-27. Contains the 3' part of the alternatively spliced gene for the human orthologs of mouse QKI-7 and QKI-7B (KH Domain RNA Binding proteins) and zebrafish ZKQ-1 (Quaking protein homolog). Contains ESTs, STSs and GSSs, complete sequence//9.4e-117:578:97//AL031781
- 10 R-HEMBA1006426//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 291J10, WORKING DRAFT SEQUENCE//2.2e-08:353:63//Z93017
- R-HEMBA1006438//HS_2008_A1_D04_T7 CIT Approved Human Genomic Sperm Library D Homo sapiens genomic clone Plate=2008 Col=7 Row=G, genomic survey sequence//1.2e-29:194:91//AQ245162
- 15 R-HEMBA1006445//Homo sapiens clone RG219E16, WORKING DRAFT SEQUENCE, 3 unordered pieces//0.011:330:60//AC005075
- R-HEMBA1006446//Plasmodium falciparum chromosome 2, section 35 of 73 of the complete sequence//0.032:256:61//AE001398
- R-HEMBA1006461//Homo sapiens Xp22 Cosmids U15E4, U115H5, U132E12, U115B9 (Lawrence Livermore human cosmid library) complete sequence//5.6e-35:229:77//AC002364
- 20 R-HEMBA1006467//Homo sapiens Chromosome 9p22 Cosmid clone 34a5, complete sequence//11.1e-14:354:63//AC002052
- R-HEMBA1006471
- R-HEMBA1006474//p40, p24 [Borna disease virus BDV, WT-1, Halle B1/91, horse brain, field isolate, Genomic RNA, 1138 nt, segment 1 of 3]//1.1e-14:442:60//S67502
- 25 R-HEMBA1006483//Human chromosome 16p13.1 BAC clone CIT987SK-551G9 complete sequence//3.7e-37:290:82//J95742
- R-HEMBA1006485//H.sapiens mRNA for aminopeptidase//7.6e-91:517:91//Y07701
- R-HEMBA1006486//Homo sapiens clone RG315H11, WORKING DRAFT SEQUENCE, 5 unordered pieces//1.1e-33:289:81//AC005089
- 30 R-HEMBA1006489//Human DNA sequence from clone 192P9 on chromosome Xp11.23-11.4. Contains a pseudogene similar to rat Plasmolipin, ESTs and GSSs, complete sequence//6.0e-07:485:60//AL020989
- R-HEMBA1006492//Homo sapiens chromosome 17, clone hRPK.269_G_24, complete sequence//4.3e-112:572:95//AC005828
- 35 R-HEMBA1006494//Homo sapiens chromosome 17, clone HRPC987K16, complete sequence//2.3e-10:186:67//AC002994
- R-HEMBA1006497//RPCI11-16L10.TPB RPCI-11 Homo sapiens genomic clone RPCI-11-16L10, genomic survey sequence//1.5e-10:75:100//B88015
- R-HEMBA1006502//Human DNA sequence from clone 272E8 on chromosome Xp22.13-22.31. Contains a pseudogene similar to MDM2-Like P53-binding protein gene. Contains STSs, GSSs and a CA repeat polymorphism, complete sequence//3.3e-36:516:70//Z93929
- 40 R-HEMBA1006507//Homo sapiens mRNA for KIAA0666 protein, partial cds//1.2e-115:570:96//AB014566
- R-HEMBA1006521//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 54B20, WORKING DRAFT SEQUENCE//2.2e-20:266:71//Z98304
- 45 R-HEMBA1006530//RPCI11-52M1.TJ RPCI11 Homo sapiens genomic clone R-52M1, genomic survey sequence//0.00015:227:64//AQ052526
- R-HEMBA1006535//HS_2234_B1_B07_MF CIT Approved Human Genomic Sperm Library D Homo sapiens genomic clone Plate=2234 Col=13 Row=D, genomic survey sequence//7.5e-33:191:95//AQ129525
- R-HEMBA1006540//Homo sapiens clone GS051M12, complete sequence//0.026:497:58//AC005007
- 50 R-HEMBA1006546//Homo sapiens chromosome 19, cosmid R33496, complete sequence//5.2e-41:289:86//AC004603
- R-HEMBA1006559//Mus musculus PRAJA1 (Praja1) mRNA, complete cds//3.4e-64:551:78//U06944
- R-HEMBA1006562//Human Chromosome 11p11.2 PAC clone pDJ404m15, complete sequence//5.7e-09:266:66//AC002554
- 55 R-HEMBA1006566//HS_2171_B1_B04_MF CIT Approved Human Genomic Sperm Library D Homo sapiens genomic clone Plate=2171 Col=7 Row=D, genomic survey sequence//0.012:306:61//AQ125421
- R-HEMBA1006569//Ovis aries beta actin mRNA, complete cds//3.8e-70:529:82//U39357
- R-HEMBA1006579//Homo sapiens BAC clone NH0115E20 from Y, complete sequence//1.0:141:65//AC006032

- R-HEMBA1006583//CIT-HSP-2377M16.TR CIT-HSP Homo sapiens genomic clone 2377M16, genomic survey sequence.//1.7e-31:271:76//AQ111875
- R-HEMBA1006595//Plasmodium falciparum 3D7 chromosome 12 PFYAC1122 genomic sequence, WORKING DRAFT SEQUENCE, 3 unordered pieces.//0.093:270:61//AC004709
- 5 R-HEMBA1006597//Homo sapiens P1 clone GSP13996 from 5q12, complete sequence.//2.7e-45:371:80//AC005031
- R-HEMBA1006612
- R-nnnnnnnnnnn//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 8B22, WORKING DRAFT SEQUENCE.//2.1e-20:229:77//AL031737
- 10 R-HEMBA1006624//Human DNA sequence from clone 406A7 on chromosome 6q23-24. Contains three pseudogenes similar to Elongation Factor 1-Alpha (EF-1-ALPHA, Statin S1), 60S Acidic Ribosomal Protein P1 and NADH-Ubiquinone Oxidoreductase 15 kDa subunit, and part of the Microtubule Associated Protein E-MAP-115 gene. Contains ESTs, STSs and GSSs, complete sequence.//4.8e-40:321:83//AL023284
- R-HEMBA1006631//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 202O8, WORKING DRAFT SEQUENCE.//1.5e-45:477:77//AL031848
- 15 R-HEMBA1006635//***ALU WARNING: Human Alu-Sp subfamily consensus sequence.//8.0e-40:245:91//U14572
- R-HEMBA1006639
- R-HEMBA1006643
- R-HEMBA1006648//Homo sapiens integrin-linked kinase (ILK) mRNA, complete cds.//2.5e-106:567:94//U40282
- 20 R-HEMBA1006652//Human BAC clone RG308B22 from 7q22-q31, complete sequence.//8.7e-54:334:76//AC002089
- R-HEMBA1006653//Homo sapiens 7q telomere, complete sequence.//5.0e-36:207:89//AF027390
- R-HEMBA1006665//HS_3213_B2_D04_T7 CIT Approved Human Genomic Sperm Library D Homo sapiens genomic clone Plate=3213 Col=8 Row=H, genomic survey sequence.//1.2e-21:235:67//AQ175625
- 25 R-HEMBA1006674//H.sapiens telomeric DNA sequence, clone 9QTEL023, read 9QTELOO023.seq.//2.6e-32:212:83//Z96776
- R-HEMBA1006676//Plasmodium falciparum MAL3P6, complete sequence.//1.9e-10:436:60//Z98551
- R-HEMBA1006682//Plasmodium falciparum (strain Dd2) variant-specific surface protein (var-1) gene, complete cds.//6.1e-06:477:59//L40608
- 30 R-HEMBA1006695//Homo sapiens clone RG339C12, WORKING DRAFT SEQUENCE, 10 unordered pieces.//1.8e-30:266:80//AC005096
- R-HEMBA1006696
- R-HEMBA1006708
- R-HEMBA1006709//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 715N11, WORKING DRAFT SEQUENCE.//6.8e-14:139:82//AL031674
- 35 R-HEMBA1006717
- R-HEMBA1006737//Homo sapiens chromosome 17, clone hRPK.269_G_24, complete sequence.//9.9e-18:365:66//AC005828
- R-HEMBA1006744//Human Chromosome 16 BAC clone CIT987SK-327O24, complete sequence.//1.3e-37:380:75//AC003108
- 40 R-HEMBA1006754//Homo sapiens chromosome 5, P1 clone 962c5 (LBNL H87), complete sequence.//2.1e-75:338:85//AC003951
- R-HEMBA1006758//Homo sapiens chromosome 5, BAC clone 182a8 (LBNL H161), complete sequence.//1.2e-112:579:95//AC005752
- 45 R-HEMBA1006767//Plasmodium falciparum MAL3P6, complete sequence.//0.00022:528:58//Z98551
- R-HEMBA1006779//Homo sapiens chromosome 17, clone hRPK.628_E_12, complete sequence.//2.3e-46:305:87//AC005701
- R-HEMBA10067801//Human DNA sequence from clone 243E7 on chromosome 22q12.1. Contains ESTs, STSs and GSSs, complete sequence.//7.2e-39:305:82//AL022323
- 50 R-HEMBA1006789//Streptomyces coelicolor cosmid 6G4.//0.0085:449:61//AL031317
- R-HEMBA1006795//Homo sapiens chromosome 17, clone hRPK.346_K_10, complete sequence.//4.1e-43:355:801//AC006120
- R-HEMBA1006796//HS_3038_B2_H11_MF CIT Approved Human Genomic Sperm Library D Homo sapiens genomic clone Plate=3038 Col=22 Row=P, genomic survey sequence.//0.99:158:63//AQ102483
- 55 R-HEMBA1006807//Homo sapiens clone DJ0673M15, WORKING DRAFT SEQUENCE, 33 unordered pieces.//8.4e-47:481:75//AC004854
- R-HEMBA1006821//Homo sapiens chromosome 17, clone hRPC.62_O_9, complete sequence.//3.0e-08:84:90//AC004797

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- R-HEMBA1006824//Homo sapiens DNA sequence from PAC 958B3 on chromosome Xp22.11-Xp22.22. Contains ESTs STS and CpG island//3.7e-54:496:76//Z93023
- R-HEMBA1006832//Homo sapiens chromosome 17, clone hRPK.243_K_12, complete sequence//0.70:206:65//AC005668
- 5 R-HEMBA1006849//Homo sapiens 12q24.1 PAC RPCI3-521E19 (Roswell Park Cancer Institute Human PAC library) complete sequence//1.2e-46:281:91//AC004217
- R-HEMBA1006865//Mus musculus clone 101 B1 repeat region sequence//0.61:115:70//AF056074
- R-HEMBA1006885 4.2e-14:379:63//AG006839
- 10 R-HEMBA1006900//CIT-HSP-2006M20.TR CIT-HSP Homo sapiens genomic clone 2006M20, genomic survey sequence//2.6e-07:230:66//B56395
- R-HEMBA1006921//Homo sapiens PAC clone DJ0777O23 from 7p14-p15, complete sequence//2.1e-68:267:86//AC005154
- R-HEMBA1006926
- 15 R-HEMBA1006929//HS_3244_A2_C01_T7 CIT Approved Human Genomic Sperm Library D Homo sapiens genomic clone Plate=3244 Col=2 Row=E, genomic survey sequence//6.9e-21:191:83//AQ207500
- R-HEMBA1006936
- R-HEMBA1006938//Colias philodice eriphyle large subunit ribosomal RNA gene, partial sequence; tRNA-Val gene, complete sequence; and small subunit ribosomal RNA gene, partial sequence, mitochondrial genes for mitochondrial RNAs//0.11:309:59//AF044853
- 20 R-HEMBA1006941//Homo sapiens mRNA for putative thioredoxin-like protein//2.0e-75:371:98//AJ010841
- R-HEMBA1006949//Homo sapiens PAC clone DJ0777G09 from 7q34-q36, complete sequence//0.47:240:63//AC005518
- R-HEMBA1006973//HS_2009_A2_A12_MR CIT Approved Human Genomic Sperm Library D Homo sapiens genomic clone Plate=2009 Col=24 Row=A, genomic survey sequence//9.6e-05:407:60//AQ232302
- 25 R-HEMBA1006976//RPCI11-49L11.TJ RPCI11 Homo sapiens genomic clone R-49L11, genomic survey sequence//0.0018:184:63//AQ051701
- R-HEMBA1006993//Human thymopoietin (TMPO) gene, partial exon 6, complete exon 7, partial exon 8, and partial cds for thymopoietin beta//1.9e-47:394:79//U18271
- 30 R-HEMBA1006996//CIT-HSP-2172D17.TF CIT-HSP Homo sapiens genomic clone 2172D17, genomic survey sequence//1.8e-07:365:62//B93406
- R-HEMBA1007002//Plasmodium falciparum MAL3P2, complete sequence//0.0012:505:56//AL034558
- R-HEMBA1007017//Homo sapiens chromosome 17, clone hRPK.597_M_12, complete sequence//5.6e-41:437:71//AC005277
- 35 R-HEMBA1007018//G.gallus mRNA for dynein light chain-A//8.2e-73:556:80//X79088
- R-HEMBA1007045
- R-HEMBA1007051//Human DNA sequence from cosmid N69F4 on chromosome 22q11.2-qter contains EST//9.9e-27:342:71//Z72006
- R-HEMBA1007052//Homo sapiens FSHD-associated repeat DNA, proximal region//5.4e-85:558:87//U85056
- 40 R-HEMBA1007062
- R-HEMBA1007066
- R-HEMBA1007073//Homo sapiens chromosome 17, clone hRPK.421_E_14, complete sequence//2.0e-66:476:85//AC006141
- R-HEMBA1007078//Homo sapiens chromosome 17, clone hRPK.60_A_24, complete sequence//1.0e-38:179:82//AC005325
- 45 R-HEMBA1007085//Homo sapiens clone DJ0965K10, WORKING DRAFT SEQUENCE, 6 unordered pieces//3.2e-49:551:73//AC006015
- R-HEMBA1007087//Human Chromosome 11 pac pDJ392a17, complete sequence//1.0:261:61//AC000385
- R-HEMBA1007112//Homo sapiens chromosome 12p13.3, WORKING DRAFT SEQUENCE, 37 unordered pieces//0.043:295:62//AC004803
- 50 R-HEMBA1007113//Homo sapiens (subclone 6_a8 from P1 H16) DNA sequence//1.4e-52:307:87//L43392
- R-HEMBA1007129//Human DNA sequence from PAC 863K19 on chromosome X. Contains STS//1.2e-08:131:75//Z92547
- R-HEMBA1007147//H.sapiens CpG island DNA genomic MseI fragment, clone 65f1, reverse read cp65f1.rt1a//0.16:187:64//Z62246
- 55 R-HEMBA1007149//Homo sapiens chromosome 19, cosmid F23149, complete sequence//7.6e-108:543:96//AC005239
- R-HEMBA1007151//Homo sapiens PAC clone DJ0745K06 from 7q31, complete sequence//0.14:323:58//

AC004875
R-nnnnnnnnnnnn//Homo sapiens epsilon 2a mRNA, complete cds//5.1e-103:529:94//AF062085
R-HEMBA1007178//Homo sapiens chromosome 12p13.3 clone RPC11-372B4, WORKING DRAFT SEQUENCE,
129 ordered pieces//5.4e-106:537:96//AC005911
5 R-HEMBA1007194//Homo sapiens Xp22 bins 87-93 PAC RPC11-122K4 (Roswell Park Cancer Institute Human
PAC Library) complete sequence//4.1e-39:262:80//AC003035
R-HEMBA1007203//Homo sapiens mRNA for KIAA0214 protein, complete cds//5.3e-61:332:95//D86987
R-HEMBA1007206//Homo sapiens DNA sequence from PAC 958B3 on chromosome Xp22.11-Xp22.22. Contains
ESTs STS and CpG island//1.9e-50:436:81//Z93023
10 R-HEMBA1007224//Homo sapiens mRNA for KIAA0797 protein, partial cds//2.3e-96:471:97//AB018340
R-HEMBA1007251//Homo sapiens chromosome 5, PAC clone 247f3 (LBNL H85), complete sequence//0.011:
349:62//AC004777
R-HEMBA1007256//Homo sapiens PAC clone DJ0676L20 from 7q35-q36, complete sequence//2.8e-10:224:70//
AC004856
15 R-HEMBA1007267//Homo sapiens Chr.14 PAC RPC14-794B2 (Roswell Park Cancer Institute Human PAC Library)
complete sequence//3.4e-53:362:86//AC005924
R-HEMBA1007273
R-HEMBA1007279//Rickettsia prowazekii strain Madrid E, complete genome; segment 4/4//0.042:454:57//
AJ235273
20 R-HEMBA1007281//Rickettsia prowazekii strain Madrid E, complete genome; segment 3/4//0.99:288:60//
AJ235272
R-HEMBA1007288//Human DNA sequence from clone 422G23 on chromosome 6q24 Contains EST, STS, GSS,
CpG island, complete sequence//7.4e-107:554:95//AL031003
R-HEMBA1007300//Caenorhabditis elegans cosmid C48C5//0.22:474:59//J39994
25 R-HEMBA1007301
R-HEMBA1007319//Campylobacter jejuni repetitive DNA, clone pINT//4.9e-08:524:58//Y14425
R-HEMBA1007320//Homo sapiens genomic DNA, chromosome 21q11.1, segment 14/28, WORKING DRAFT SE-
QUENCE//3.4e-16:244:71//AP000043
R-HEMBA1007322//Homo sapiens BAC clone RG324D18 from 7p15-p21, complete sequence//3.9e-83:383:85//
30 AC005251
R-HEMBA1007327//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 7706, WORKING
DRAFT SEQUENCE//1.6e-38:533:71//Z96804
R-HEMBA1007341//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 268D13, WORKING
DRAFT SEQUENCE//3.6e-21:394:66//AL023513
35 R-HEMBA1007342//Human BAC clone GS368F15 from 7q31, complete sequence//1.7e-15:190:73//AC003080
R-HEMBA1007347//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone N38G6, WORKING
DRAFT SEQUENCE//2.2e-47:455:77//Z96802
R-HEMBA1000005//Homo sapiens 3p21.1-9 PAC RPC14-793P23 (Roswell Park Cancer Institute Human PAC Li-
brary) complete sequence//1.1e-62:539:79//AC006208
40 R-HEMBA1000008//Homo sapiens chromosome 17, clone hCIT.211_P_7, complete sequence//1.2e-36:285:83//
AC003665
R-HEMBA1000018//Homo sapiens clone DJ0038I10, WORKING DRAFT SEQUENCE, 5 unordered pieces//1.2e-
51:416:79//AC004820
R-HEMBA1000024//Human DNA sequence from BAC 175E3 on chromosome 22q11.2-qter. Contains ESTs, STSs
and polymorphic CA repeat//3.9e-18:211:79//Z95113
45 R-HEMBA1000025//HS_3064_B2_B07_MF CIT Approved Human Genomic Sperm Library D Homo sapiens ge-
nomic clone Plate=3064 Col=14 Row=D, genomic survey sequence//5.9e-40:254:90//AQ132765
R-HEMBA1000030//Human DNA sequence from clone 108K11 on chromosome 6p21 Contains SRP20 (SR protein
family member), Ndr protein kinase gene similar to yeast suppressor protein SRP40, EST and GSS, complete
50 sequence//1.5e-32:452:70//Z85986
R-HEMBA1000036//CIT-HSP-2024L15.TF CIT-HSP Homo sapiens genomic clone 2024L15, genomic survey se-
quence//9.3e-63:541:77//B66264
R-HEMBA1000037//Homo sapiens erythroblast macrophage protein EMP mRNA, complete cds//7.6e-91:467:97//
AF084928
55 R-HEMBA1000039//Homo sapiens chromosome 17, clone hRPK.401_O_9, complete sequence//2.4e-44:456:
68//AC005291
R-HEMBA1000044//Human BAC clone RG016J04 from 7q21, complete sequence//1.4e-54:307:80//AC002064
R-HEMBA1000048//Homo sapiens Chromosome 16 BAC clone CIT987SK-A-279B10, complete sequence//3.8e-

- 09:330:63//AC002300
 R-HEMBB1000050//Human DNA sequence from PAC 436M11 on chromosome Xp22.11-22.2. Contains the serine threonine protein phosphatase gene PPEF1, and the first coding exon of the RS1 gene for retinoschisis (X-linked, juvenile) 1 (XLR51). Contains ESTs, an STS and GSSs, complete sequence.//6.7e-12:225:65//Z94056
- 5 R-HEMBB1000054//Human DNA sequence from clone 444C7 on chromosome 6p22.3-23. Contains an EST, an STS and GSSs, complete sequence.//8.9e-76:557:82//AL033521
- R-HEMBB1000055//Human housekeeping (Q1Z 7F5) gene, exons 2 through 7, complete cds.//1.6e-88:350:86//M81806
- 10 R-HEMBB1000059//Homo sapiens clone DJ0850I01, WORKING DRAFT SEQUENCE, 1 unordered pieces.//4.9e-12:356:65//AC006009
- R-HEMBB1000083//Homo sapiens clone DJ0607J02, WORKING DRAFT SEQUENCE, 12 unordered pieces.//3.7e-41:311:82//AC004840
- R-HEMBB1000089//Homo sapiens clone DJ1021I20, WORKING DRAFT SEQUENCE, 6 unordered pieces.//3.6e-34:314:78//AC005520
- 15 R-HEMBB1000099//Homo sapiens DNA sequence from BAC 1216H12 on chromosome 22q12. Contains a pseudogene with similarity to part of mouse Ninein and the KIAA0609 gene for a protein similar to C. elegans K09C8.4. Contains ESTs, GSSs and a ggtt repeat polymorphism, complete sequence.//8.8e-32:434:71//AL008715
- R-HEMBB1000103//Human DNA sequence from BAC 445C9 on chromosome 22q12.1. Contains CRYBB1, beta B1 crystallin, CRYBA4, beta A4 crystallin, high mobility group-1 protein (HMG-1), ESTs.//2.5e-16:207:74//Z95115
- 20 R-HEMBB1000113//HS_3013_A1_B08_T7 CIT Approved Human Genomic Sperm Library D Homo sapiens genomic clone Plate=3013 Col=15 Row=C, genomic survey sequence.//0.94:211:63//AQ118730
- R-HEMBB1000119//Homo sapiens ASMTL gene.//1.9e-106:531:96//Y15521
- R-HEMBB1000136//Human Chromosome X, complete sequence.//0.00073:359:59//AC002407
- 25 R-HEMBB1000141//Homo sapiens chromosome 21q22.3 PAC 39C17, complete sequence.//6.8e-41:280:74//AF043945
- R-HEMBB1000144//Homo sapiens chromosome 17, clone hCIT.507_E_2, complete sequence.//0.00083:206:66//AC004134
- R-HEMBB1000173//Homo sapiens, WORKING DRAFT SEQUENCE, 97 unordered pieces.//2.5e-82:401:90//AC004085
- 30 R-HEMBB1000175
- R-HEMBB1000198//Homo sapiens DNA sequence from BAC 55C20 on chromosome 6. Contains a Spinal Muscular Atrophy (SMA3) LIKE gene overlapping with a beta-glucuronidase LIKE pseudogene. Contains a membrane protein LIKE pseudogene, a Glyceraldehyde 3-phosphate dehydrogenase (GAPDH) LIKE pseudogene, five predicted tRNA genes. Contains ESTs, GSSs (BAC end sequences) and a CA repeat polymorphism, complete sequence.//0.91:428:56//AL021368
- 35 R-HEMBB1000215//Homo sapiens DNA sequence from PAC 69E11 on chromosome 1q23-24. Contains a NADH-Ubiquinone Oxidoreductase MLRQ subunit (EC 1.6.5.3, EC 1.6.99.3, CI-MLRQ) LIKE pseudogene, a 60S Ribosomal protein L34 LIKE pseudogene, an unknown gene similar to yeast YPR037W and worm C02C2.6 predicted genes, a predicted CpG island, ESTs and an STS, complete sequence.//4.4e-54:298:91//AL021397
- 40 R-HEMBB1000217
- R-HEMBB1000218//Homo sapiens 12q24 PAC RPC11-66E7 (Roswell Park Cancer Institute Human PAC library) complete sequence.//5.8e-32:517:70//AC004216
- R-HEMBB1000226//Human DNA sequence from cosmid COS12 from a contig from the tip of the short arm of chromosome 16, spanning 2Mb of 16p13.3. Contains ESTs, Flanking sequences of 3' alpha globin HVR and CpG island.//2.5e-77:450:92//Z69706
- 45 R-HEMBB1000240//Homo sapiens chromosome 9 duplication of the T cell receptor beta locus and trypsinogen gene families.//4.1e-05:310:62//AF029308
- R-HEMBB1000244//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 1112F19, WORKING DRAFT SEQUENCE.//1.3e-43:278:85//AL034420
- 50 R-HEMBB1000250//Human DNA sequence from clone 34B20 on chromosome 6p21.31-22.2. Contains seventeen Histone (pseudo)genes and a 40S Ribosomal protein S10 pseudogene. Contains ESTs, STSs and GSSs, complete sequence.//3.8e-16:484:64//AL031777 R-HEMBB1000258//Human hereditary haemochromatosis region, histone 2A-like protein gene, hereditary haemochromatosis (HLA-H) gene, RoRet gene, and sodium phosphate transporter (NPT3) gene, complete cds.//4.3e-11:286:67//U91328
- 55 R-HEMBB1000264//Mus musculus enhancer of polycomb (Epc1) mRNA, complete cds.//1.2e-42:406:79//AF079765
- R-HEMBB1000266//RPC111-76C20.TV RPC111 Homo sapiens genomic clone R-76C20, genomic survey sequence.//1.0:232:59//AQ265533

- R-HEM BB1000272//HS_3032_B1_H06_MF CIT Approved Human Genomic Sperm Library D Homo sapiens genomic clone Plate=3032 Col=11 Row=P, genomic survey sequence//0.0082:209:62//AQ096702
- R-HEM BB1000274//Homo sapiens Chromosome 22q11.2 Cosmid Clone 817g In IGLC Region, complete sequence//1.6e-45:277:72//AC000053
- 5 R-HEM BB1000284//Homo sapiens full-length insert cDNA clone YY88A05//6.9e-112:572:96//AF088018
- R-HEM BB1000307//Homo sapiens chromosome 17, clone hRPK.471_L_13, complete sequence//5.7e-96:523:93//AC005244
- R-HEM BB1000312//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 32B1, WORKING DRAFT SEQUENCE//7.5e-21:218:67//AL023693
- 10 R-HEM BB1000317//Toxoplasma gondii chloroplast, complete genome//0.062:354:58//U87145
- R-HEM BB1000318//Human DNA sequence from PAC 292H14 on chromosome Xp21. Contains STS and CA repeat polymorphism//4.5e-52:302:81//AL008710
- R-HEM BB1000335//Homo sapiens chromosome 5, P1 clone 1041F10 (LBNL H88), complete sequence//1.9e-16:139:84//AC005179
- 15 R-HEM BB1000336//Homo sapiens complete genomic sequence between D16S3070 and D16S3275, containing Familial Mediterranean Fever gene disease//0.0062:231:64//AJ003147
- R-HEM BB1000337//CIT-HSP-2329010.TF CIT-HSP Homo sapiens genomic clone 2329O10, genomic survey sequence//1.2e-31:192:92//AQ035976
- R-HEM BB1000338//Homo sapiens Chromosome 16 BAC clone CIT987SK-A-248F7, complete sequence//1.9e-39:477:71//AC004605
- 20 R-HEM BB1000339//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 862K6, WORKING DRAFT SEQUENCE//4.1e-54:357:76//AL031681
- R-HEM BB1000341//Homo sapiens 12q24 PAC RPC13-424M6 (Roswell Park Cancer Institute Human PAC library) complete sequence//1.8e-19:501:63//AC002350
- 25 R-HEM BB1000343//Homo sapiens chromosome 16, cosmid clone 367E12 (LANL), complete sequence//3.6e-41:457:72//AC004644
- R-HEM BB1000354//Human DNA sequence from PAC 560B9 on chromosome 1q24-1q25. Contains profilin-like pseudogene, 60S ribosomal protein L4 pseudogene RNA binding protein, ESTs, GSS//7.2e-36:325:74//Z98751
- R-HEM BB1000369//Homo sapiens chromosome 4 clone B366O24 map 4q25, complete sequence//9.0e-25:179:79//AC004067
- 30 R-HEM BB10003741//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 75N14, WORKING DRAFT SEQUENCE//8.4e-58:332:79//Z97199
- R-HEM BB1000376//Homo sapiens DNA for amyloid precursor protein, complete cds//2.1e-47:309:88//D87675
- R-HEM BB1000391//Homo sapiens clone RG269P13, WORKING DRAFT SEQUENCE, 6 unordered pieces//5.7e-46:302:85//AC005080
- 35 R-HEM BB1000399//Homo sapiens Rad17-like protein (RAD17) mRNA, complete cds//1.0e-107:531:97//AF076838
- R-HEM BB1000402//Human DNA sequence from clone 505B13 on chromosome 1p36.2-36.3 Contains CA repeat and GSSs, complete sequence//1.1e-25:441:67//Z98052
- 40 R-HEM BB1000404//HS_2246_A2_D01_MF CIT Approved Human Genomic Sperm Library D Homo sapiens genomic clone Plate=2246 Col=2 Row=G, genomic survey sequence//0.0025:196:63//AQ084251
- R-HEM BB1000420//Homo sapiens Chromosome 22q11.2 Cosmid Clone 817g In IGLC Region, complete sequence//1.2e-29:358:72//AC000053
- R-HEM BB1000434//Homo sapiens chromosome 4 clone B71M12 map 4q25, complete sequence//2.8e-51:299:89//AC004069
- 45 R-HEM BB1000438//HS_2239_B2_E08_MF CIT Approved Human Genomic Sperm Library D Homo sapiens genomic clone Plate=2239 Col=16 Row=J, genomic survey sequence//1.3e-10:76:100//AQ067700
- R-HEM BB1000441//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 424J12, WORKING DRAFT SEQUENCE//4.4e-60:281:90//Z82207
- 50 R-HEM BB1000449//Homo sapiens clone DJ0898O18, WORKING DRAFT SEQUENCE, 8 unordered pieces//4.8e-11:228:68//AC004920
- R-HEM BB1000455//Homo sapiens clone GS051M12, complete sequence//3.1e-14:388:65//AC005007
- R-HEM BB1000472//Homo sapiens chromosome 17, clone HCIT48C15, complete sequence//4.9e-34:320:79//AC003104
- 55 R-HEM BB1000480//Human DNA sequence from Fosmid 65B7 on chromosome 22q11.2-qter. Contains exons 6-12 of the SLC5A1 (SGLT1) gene for solute carrier family 5 (sodium/glucose cotransporter) member 1 (High Affinity Sodium-Glucose Cotransporter), complete sequence//3.4e-36:285:82//Z83849
- R-HEM BB1000487

- R-HEM BB1000490//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 1185N5, WORKING DRAFT SEQUENCE //1.5e-34:281:81//AL034423
- R-HEM BB1000491//Homo sapiens DNA sequence from PAC 958B3 on chromosome Xp22.11-Xp22.22. Contains ESTs STS and CpG island //8.5e-37:483:72//Z93023
- 5 R-HEM BB1000493//Human DNA sequence from clone 109F14 on chromosome 6p21.2-21.3. Contains the alternatively spliced gene for Transcriptional Enhancer Factor TEF-5, the 60S Ribosomal Protein RPL10A gene, a PUTATIVE ZNF127 LIKE gene, and the PPARD for Peroxisome Proliferator Activated Receptor Delta (PPAR-Delta, PPAR-Beta, Nuclear Hormone Receptor 1, NUC1, NUCI, PPARG). Contains three putative CpG islands, ESTs, STSs, GSSs and a ca repeat polymorphism, complete sequence //7.6e-14:217:71//AL022721
- 10 R-HEM BB1000510//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 27K12, WORKING DRAFT SEQUENCE //7.1e-44:221:80//AL033397
- R-HEM BB1000518//Human PAC clone DJ327A19 from Xq25-q26, complete sequence //3.5e-51:280:90//AC002477
- R-HEM BB1000523//Homo sapiens PAC clone DJ0167F23 from 7p15, complete sequence //1.7e-53:304:82//AC004079
- 15 R-HEM BB1000530//Homo sapiens chromosome 17, clone hCIT.162_E_12, complete sequence //4.2e-74:428:92//AC006236
- R-HEM BB1000550//Human Chromosome 16 BAC clone CIT987SK-A-363E6, complete sequence //5.6e-13:112:80//U91321
- 20 R-HEM BB1000554//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 409J21, WORKING DRAFT SEQUENCE //5.1e-14:239:63//Z83824
- R-HEM BB1000556//Homo sapiens envoplakin (EVPL) mRNA, complete cds //0.031:275:60//U53786
- R-HEM BB1000564//Homo sapiens chromosome 5, Bac clone 189 (LBNL H135), complete sequence //3.1e-17:227:76//AC005914
- 25 R-HEM BB1000573//Borrelia afzelii (strain NT28) DNA, internal transcribed spacer //0.078:161:63//D84405
- R-HEM BB1000575//Homo sapiens chromosome 17, clone hRPC.859_O_20, complete sequence //7.2e-52:260:80//AC003695
- R-HEM BB1000586//Human DNA sequence from cosmid V210E9, between markers DXS366 and DXS87 on chromosome X //2.0e-33:305:79//Z70280
- 30 R-HEM BB1000589//Homo sapiens chromosome 17, clone hRPK.1064_E_11, complete sequence //1.3e-14:409:65//AC005208
- R-HEM BB1000591//Homo sapiens Xp22 bins 45-47 BAC GSHB-665N22 (Genome Systems Human BAC Library) complete sequence //6.2e-39:493:71//AC005184
- R-HEM BB1000592//Homo sapiens 12p13.3 PAC RPCI5-1180D12 (Roswell Park Cancer Institute Human PAC Library) complete sequence //1.6e-08:254:64//AC005831
- 35 R-HEM BB1000598//Homo sapiens chromosome 11 pac pDJ159ol, complete sequence //3.3e-38:407:76//AC000381
- R-HEM BB1000623//CIT-HSP-2374P17.TR CIT-HSP Homo sapiens genomic clone 2374P17, genomic survey sequence //1.3e-41:212:100//AQ109717
- 40 R-HEM BB1000630//Human DNA sequence from clone 413H6 on chromosome 6p22.3-24.3. Contains a hamster Androgen-dependent Expressed Protein like protein gene, ESTs and GSSs, complete sequence //5.2e-31:319:78//AL022724
- R-HEM BB1000631//Sequence 28 from patent US 5708157 //6.8e-20:208:80//I80058
- R-HEM BB1000632//Homo sapiens Cosmid C4, WORKING DRAFT SEQUENCE, 1 ordered pieces //7.4e-47:457:75//AC004176
- 45 R-HEM BB1000637//Human BAC clone RG094H21 from 7q21-q22, complete sequence //2.9e-45:263:87//AC003085
- R-HEM BB1000638//Genomic sequence from Human 6, complete sequence //9.1e-34:375:73//AC002112
- R-HEM BB1000643//HS_2242_A2_B07_MF CIT Approved Human Genomic Sperm Library D Homo sapiens genomic clone Plate=2242 Col=14 Row=C, genomic survey sequence //0.010:239:60//AQ065993
- 50 R-HEM BB1000649//Homo sapiens RBP56/hTAFII68 gene, exon 7 //8.3e-63:306:100//AB010061
- R-HEM BB1000652//Human DNA sequence from PAC 467D16 on chromosome 6p22.3-24.1. Contains the 3' part of the SCA1 (ataxin-1) gene with a poly-glutamine (CAG repeat) polymorphism, the 3' part of the GMPR (GMP reductase, Guanosine 5'-monophosphate oxidoreductase) gene, ESTs and an STS with a polymorphic CA repeat //3.3e-14:450:64//AL009031
- 55 R-HEM BB1000665//Arabidopsis thaliana genomic DNA, chromosome 5, P1 clone: MXA21, complete sequence //0.98:251:63//AB005247
- R-HEM BB1000671//Human DNA sequence from PAC 106C24, between markers DXS294 and DXS730 on chro-

- mosome X.//6.8e-58:296:85//Z83313
 R-HEM BB1000673//CITBI-E1-2506F20. TR CITBI-E1 Homo sapiens genomic clone 2506F20, genomic survey sequence.//0.98:71:76//AQ264731
 R-HEM BB1000684//Human DNA sequence from clone 1158E12 on chromosome Xp11.23-11.4 Contains EST, STS, GSS, CpG island, complete sequence.//2.6e-11:153:77//AL031584
 5 R-nnnnnnnnnnn//Homo sapiens neuroan1 mRNA, complete cds.//2.0e-50:287:93//AF040723
 R-HEM BB1000705//Homo sapiens chromosome 19, cosmid R30538, complete sequence.//3.4e-18:340:65//AC005943
 R-HEM BB1000706//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 462C17, WORKING DRAFT SEQUENCE.//4.7e-10:358:64//AL033380
 10 R-HEM BB1000709//RPCI11-79A8. TV RPCI11 Homo sapiens genomic clone R-79A8, genomic survey sequence.//1.4e-40:262:89//AQ282374
 R-HEM BB1000725//Arabidopsis thaliana genomic DNA, chromosome 5, P1 clone: MGN6, complete sequence.//0.00018:386:60//AB017066
 15 R-HEM BB1000726//Homo sapiens PAC clone DJ1185107 from 7q11.23-q21, complete sequence.//1.5e-48:316:88//AC004990
 R-HEM BB1000738//Homo sapiens PAC clone DJ0745K06 from 7q31, complete sequence.//7.1e-53:382:85//AC004875
 R-HEM BB1000749//Homo sapiens clone RG140B11, WORKING DRAFT SEQUENCE, 1 unordered pieces.//6.5e-51:438:80//AC005069
 20 R-HEM BB1000763//Plasmid Col Ib-P9 (from E.coli K12) colicin Ib promoter region and 5' coding region.//1.0:115:63//K02071
 R-HEM BB1000770//Human Rhesus blood group antigen (RHCE) gene, intron 6, partial sequence.//5.6e-24:183:86//U83205
 25 R-HEM BB1000781//Homo sapiens Xp22 PACs RPC11-263P4 and RPC11-164K3 complete sequence.//0.00054:154:67//AC003046
 R-HEM BB1000789//RPCI11-2114. TVB RPCI-11 Homo sapiens genomic clone RPCI-11-2114, genomic survey sequence.//3.0e-09:299:64//B63628
 R-HEM BB1000790//Human Chromosome 16 BAC clone CIT987SK-A-362G6, complete sequence.//4.5e-46:185:85//U95740
 30 R-HEM BB1000794//HS_3253_A1_G06_T7 CIT Approved Human Genomic Sperm Library D Homo sapiens genomic clone Plate=3253 Col=11 Row=M, genomic survey sequence.//5.7e-13:172:65//AQ216291
 R-HEM BB1000807
 R-HEM BB1000810//Human BAC clone RG114A06 from 7q31, complete sequence.//1.3e-24:385:71//AC002542
 35 R-HEM BB1000821
 R-HEM BB1000822//CITBI-E1-2517E13. TF CITBI-E1 Homo sapiens genomic clone 2517E13, genomic survey sequence.//4.5e-08:278:64//AQ279944
 R-HEM BB1000826//Homo sapiens genomic DNA, chromosome 21q11.1, segment 14/28, WORKING DRAFT SEQUENCE.//1.2e-44:521:72//AP000043
 40 R-HEM BB1000827//Homo sapiens clone DJ0981O07, complete sequence.//6.8e-43:319:84//AC006017
 R-HEM BB1000831//HS_3247_B2_A09_T7 CIT Approved Human Genomic Sperm Library D Homo sapiens genomic clone Plate=3247 Col=18 Row=B, genomic survey sequence.//5.5e-74:381:96//AQ223850
 R-HEM BB1000835//Homo sapiens DNA sequence from BAC 55C20 on chromosome 6. Contains a Spinal Muscular Atrophy (SMA3) LIKE gene overlapping with a beta-glucuronidase LIKE pseudogene. Contains a membrane protein LIKE pseudogene, a Glyceraldehyde 3-phosphate dehydrogenase (GAPDH) LIKE pseudogene, five predicted tRNA genes. Contains ESTs, GSSs (BAC end sequences) and a CA repeat polymorphism, complete sequence.//4.2e-17:167:80//AL021368
 45 R-HEM BB1000840//Homo sapiens clone DJ1039L24, WORKING DRAFT SEQUENCE, 3 unordered pieces.//7.9e-26:220:73//AC005283
 R-HEM BB1000848//Homo sapiens, WORKING DRAFT SEQUENCE, 52 unordered pieces.//7.8e-39:356:79//AC004086
 50 R-HEM BB1000852//HS_3075_A2_B07_MF CIT Approved Human Genomic Sperm Library D Homo sapiens genomic clone Plate=3075 Col=14 Row=C, genomic survey sequence.//3.4e-11:151:75//AQ138816
 R-HEM BB1000870//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 72E17, WORKING DRAFT SEQUENCE.//1.8e-44:454:75//AL033523
 55 R-HEM BB1000876//Human DNA sequence from clone 91J24 on chromosome 6q24 Contains part of utrophin Gene, part of cytochrome C oxidase gene, EST, CpG island, complete sequence.//0.0016:227:65//AL024474
 R-HEM BB1000883//Homo sapiens chromosome 19, cosmid F19678, complete sequence.//0.62:238:62//

AC005621
 R-HEM BB1000887//Synthetic human/adenovirus type 5 recombination junction.//9.9e-24:275:76//M34061
 R-HEM BB1000888//CIT-HSP-2282A13.TR CIT-HSP Homo sapiens genomic clone 2282A13, genomic survey sequence.//2.4e-05:310:60//AQ000826
 5 R-HEM BB1000890//Homo sapiens clone DJ0042M02, WORKING DRAFT SEQUENCE, 20 unordered pieces.//6.5e-44:305:84//AC005995
 R-HEM BB1000893//Homo sapiens BAC clone RG363E19 from 7q31.1, complete sequence.//3.7e-30:265:80//AC004492
 10 R-HEM BB1000908//RPCI11-13P12.TV RPCI-11 Homo sapiens genomic clone RPCI-11-13P12, genomic survey sequence.//0.98:183:61//B76199
 R-HEM BB1000910//Homo sapiens Chromosome 22q11.2 Cosmid Clone 50d10 In IGLC Region, complete sequence.//1.7e-28:302:76//AC000024
 R-HEM BB1000913//Homo sapiens Xp22 BAC GSHB 526D21 (Genome Systems Human BAC library) complete sequence.//4.1e-34:314:76//AC003037
 15 R-HEM BB1000915//Human chromosome 16p11.2-p12 BAC clone CIT987SK-224D6 complete sequence.//6.3e-09:536:59//U95739
 R-HEM BB1000917//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 16915, WORKING DRAFT SEQUENCE.//1.6e-47:234:86//Z93015
 20 R-HEM BB1000927
 R-HEM BB1000947//CIT-HSP-2287M13.TF CIT-HSP Homo sapiens genomic clone 2287M13, genomic survey sequence.//0.090:115:69//B99228
 R-HEM BB1000959//Homo sapiens chromosome 17, clone HRPC905N1, complete sequence.//5.7e-89:544:90//AC003098
 25 R-HEM BB1000973//Arabidopsis thaliana chromosome II BAC F219 genomic sequence, complete sequence.//0.038:377:58//AC005560
 R-HEM BB1000975//Arabidopsis thaliana chromosome II BAC F5H14 genomic sequence, complete sequence.//1.0e-05:342:62//AC006234
 R-HEM BB1000981//CIT-HSP-2386J13.TF.1 CIT-HSP Homo sapiens genomic clone 2386J13, genomic survey sequence.//1.1e-18:231:74//AQ239443
 30 R-HEM BB1000985//HS_3184_A1_D12_T7 CIT Approved Human Genomic Sperm Library D. Homo sapiens genomic clone Plate=3184 Col=23 Row=G, genomic survey sequence.//6.3e-52:286:95//AQ150008
 R-HEM BB1000991
 R-HEM BB1000996//Homo sapiens Xq28 BAC PAC and cosmid clones containing FMR2 gene exons 1,2, and 3, complete sequence.//1.4e-42:343:81//AC002368
 35 R-HEM BB1001004
 R-HEM BB1001008//CITBI-E1-2504L23.TF CITBI-E1 Homo sapiens genomic clone 2504L23, genomic survey sequence.//3.1e-57:317:94//AQ262056
 R-HEM BB1001011//HS_3017_B1_G03_T7 CIT Approved Human Genomic Sperm Library D Homo sapiens genomic clone Plate=3017 Col=5 Row=N, genomic survey sequence.//7.3e-34:237:86//AQ101944
 40 R-HEM BB1001014//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 460J8, WORKING DRAFT SEQUENCE.//2.4e-49:417:80//AL031662
 R-HEM BB1001020//Homo sapiens Xp22 BAC GS-377014 (Genome Systems Human BAC library) complete sequence.//7.6e-41:303:76//AC002549
 R-HEM BB1001024//Homo sapiens (subclone 2_g5 from P1 H16) DNA sequence.//7.4e-48:341:85//L48475
 45 R-HEM BB1001037//Homo sapiens 22q11 BAC Clone 489d1 In MDR Region, complete sequence.//2.0e-50:416:82//AC005527
 R-HEM BB1001047//Homo sapiens chromosome 19, cosmid R31973, complete sequence.//8.4e-22:288:71//AC004699
 R-HEM BB1001051//H.sapiens mRNA for FAN protein.//7.1e-18:114:98//X96586
 50 R-HEM BB1001056//Homo sapiens clone DJ0953A04, WORKING DRAFT SEQUENCE, 5 unordered pieces.//6.1e-94:520:93//AC006014
 R-HEM BB1001058//Homo sapiens clone UWGC:y17c131 from 6p21, complete sequence.//1.1e-56:242:82//AC004187
 R-HEM BB1001060//Human Tigger1 transposable element, complete consensus sequence.//4.2e-66:323:81//U49973
 55 R-HEM BB1001063//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 523G1, WORKING DRAFT SEQUENCE.//4.0e-114:556:98//AL034375
 R-HEM BB1001068//Homo sapiens liprin-beta2 mRNA, partial cds.//2.8e-105:512:97//AF034803

- R-HEM BB1001096//Human DNA sequence from PAC 246O8, between markers DXS6791 and DXS8038 on chromosome X contains ESTs.//2.4e-13:225:69//Z76735
- R-HEM BB1001102//Human DNA sequence from clone 353H6 on chromosome Xq25-26.2. Contains the alternatively spliced SMARCA1 gene for SW1/SNF related, matrix associated, actin dependent regulator of chromatin, subfamily a, member 1 (SNF2L1) and a 40S Ribosomal Protein S26 pseudogene. Contains ESTs, STSs and GSSs, complete sequence.//2.4e-35:295:80//AL022577
- 5 R-HEM BB1001105//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 462O23, WORKING DRAFT SEQUENCE.//7.9e-46:380:80//AL031431
- R-HEM BB1001114//Homo sapiens DNA sequence from PAC 119E23 on chromosome Xq25-q27.1. Contains glypican-3 precursor (intestinal protein OCI-5) (GTR2-2), 5'UTR. ESTs, STS.//1.1e-38:306:84//Z99570
- 10 R-HEM BB1001117//RPCI11-35I8.TK RPCI-11 Homo sapiens genomic clone RPCI-11-35I8, genomic survey sequence.//1.5e-08:67:100//AQ047113
- R-HEM BB1001119//Homo sapiens BAC clone BK085E05 from 22q12.1-qter, complete sequence.//9.0e-26:481:67//AC003071
- 15 R-HEM BB1001126//Human DNA sequence from clone 441J1 on chromosome 6p24 Contains STS, GSS, complete sequence.//0.045:127:69//Z99495
- R-HEM BB1001133//Human SS-A/Ro ribonucleoprotein autoantigen 60 kd subunit mRNA, complete cds.//5.0e-23:285:73//M25077
- R-HEM BB1001137//Plasmodium falciparum DNA *** SEQUENCING IN PROGRESS *** from contig 4-09, complete sequence.//2.5e-07:334:62//AL010222
- 20 R-HEM BB1001142//Human BAC clone RG164L14 from 7q21-q22, complete sequence.//2.5e-46:412:79//AC002564
- R-HEM BB1001151//Mus musculus IFN alpha-treated embryonic fibroblast mRNA.//1.8e-11:148:77//U51904
- R-HEM BB1001153//RPCI11-10L7.TP RPCI-11 Homo sapiens genomic clone RPCI-11-10L7, genomic survey sequence.//2.3e-34:213:82//B71766
- 25 R-HEM BB1001169//Homo sapiens chromosome 17, clone HCIT39G8, complete sequence.//0.040:465:56//AC003070
- R-nnnnnnnnnnnnn//Sequence 1 from patent US 5618695.//2.8e-15:176:80//I40055
- R-HEM BB1001177
- 30 R-HEM BB1001182//Plasmodium falciparum DNA *** SEQUENCING IN PROGRESS *** from contig 4-52, complete sequence.//1.9e-05:174:70//AL010226
- R-HEM BB1001199
- R-HEM BB1001208
- R-HEM BB1001209//RPCI11-41E13.TP RPCI-11 Homo sapiens genomic clone RPCI-11-41E13, genomic survey sequence.//1.1e-95:473:97//AQ029098
- 35 R-HEM BB1001210//Homo sapiens chromosome 16, cosmid clone 330D11 (LANL), complete sequence.//6.2e-08:412:61//AC005199
- R-HEM BB1001218//RPCI11-13L8.TV RPCI-11 Homo sapiens genomic clone RPCI-11-13L8, genomic survey sequence.//1.0e-46:498:74//B75158
- 40 R-HEM BB1001221//RPCI11-62024.TJ RPCI11 Homo sapiens genomic clone R-62024, genomic survey sequence.//3.2e-09:215:68//AQ200950
- R-HEM BB1001234
- R-HEM BB1001242
- R-HEM BB1001249//Homo sapiens clone DJ1136G02, WORKING DRAFT SEQUENCE, 4 unordered pieces.//1.4e-33:361:72//AC005377
- 45 R-HEM BB1001253//Homo sapiens chromosome 3, olfactory receptor pseudogene cluster 1, complete sequence, and myosin light chain kinase (MLCK) pseudogene, partial sequence.//3.8e-105:517:98//AF042089
- R-HEM BB1001254//Methanococcus jannaschii section 3 of 150 of the complete genome.//0.96:203:61//U67461
- R-HEM BB1001267//Human DNA sequence from clone 14O9 on chromosome Xp11.1-11.4. Contains a Inter-Alpha-Trypsin Inhibitor Heavy Chain LIKE gene, a alternatively spliced Melanoma-Associated Antigen MAGE LIKE gene and a 6-Phosphofructo-2-kinase (Fructose-2,6-bisphosphatase) LIKE pseudogene. Contains ESTs, STSs and genomic marker DXS8032, complete sequence.//2.8e-39:320:80//Z98046
- 50 R-HEM BB1001271//Homo sapiens chromosome 17, clone hRPK.349_A_8, complete sequence.//3.9e-47:494:75//AC005544
- R-HEM BB1001282//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 184J9, WORKING DRAFT SEQUENCE.//0.0011:97:79//AL031428
- 55 R-HEM BB1001288
- R-HEM BB1001289//Homo sapiens chromosome 5, BAC clone 343g16 (LBNL H180), complete sequence.//2.0e-

- 31:301:78//AC005601
 R-HEM BB1001294//Homo sapiens BAC clone RG060N22 from 7q21, complete sequence//0.053:283:60//AC003083
 R-HEM BB1001302
 5 R-HEM BB1001304//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 27K12, WORKING DRAFT SEQUENCE//6.3e-15:396:64//AL033397
 R-HEM BB1001314//Homo sapiens genomic DNA, 21q region, clone: f30F8SpN6, genomic survey sequence//3.4e-42:293:86//AG013777
 R-HEM BB1001315//Human NFE genomic fragment//7.5e-30:243:78//M98511
 10 R-HEM BB1001317//Homo sapiens chromosome 17, clone hRPC.1028_K_7, complete sequence//2.3e-39:301:82//AC004585
 R-HEM BB1001326//HS_3054_A1_F12_MR CIT Approved Human Genomic Sperm Library D Homo sapiens genomic clone Plate=3054 Col=23 Row=K, genomic survey sequence//0.90:117:63//AQ106096
 R-HEM BB1001331//Mus musculus mRNA for hepatoma-derived growth factor, complete cds, strain:BALB/c//0.037:103:77//D63850
 15 R-HEM BB1001335//Homo sapiens Xp22 BAC GSHB 526D21 (Genome Systems Human BAC library) complete sequence//9.1e-19:229:77//AC003037
 R-HEM BB1001337
 R-HEM BB1001339//Homo sapiens FSHD-associated repeat DNA, proximal region//2.9e-45:551:72//U85056
 20 R-HEM BB1001346//Homo sapiens phenylalanine-tRNA synthetase (FARS1) mRNA, nuclear gene encoding mitochondrial protein, complete cds//2.7e-59:292:99//AF097441
 R-HEM BB1001348//Homo sapiens clone DJ0691F11, WORKING DRAFT SEQUENCE, 11 unordered pieces//9.1e-41:326:82//AC004859
 R-HEM BB1001356//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 424J12, WORKING DRAFT SEQUENCE//1.8e-11:213:67//Z82207
 25 R-HEM BB1001364//HS_3050_A2_F05_MR CIT Approved Human Genomic Sperm Library D Homo sapiens genomic clone Plate=3050 Col=10 Row=K, genomic survey sequence//1.8e-21:158:91//AQ133940
 R-HEM BB1001366//Homo sapiens chromosome 10 clone CIT987SK-1188I5 map 10p11.2-10p12.1, complete sequence//4.1e-37:419:73//AC005876
 30 R-HEM BB1001367//Human Chromosome 16 BAC clone CIT987SK-A-234F9, complete sequence//9.5e-15:201:75//U91326
 R-HEM BB1001369//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 477J10, WORKING DRAFT SEQUENCE//1.8e-28:224:83//AL021686
 R-HEM BB1001380//HS_2267_B1_F11_MR CIT Approved Human Genomic Sperm Library D Homo sapiens genomic clone Plate=2267 Col=21 Row=L, genomic survey sequence//4.0e-14:100:95//AQ084896
 35 R-HEM BB1001384//Mus musculus COP9 complex subunit 4 (COPS4) mRNA, complete cds//9.6e-55:312:81//AF071314
 R-HEM BB1001387//Homo sapiens chromosome 9, P1 clone 8660 (LBNL H105), complete sequence//1.0:166:63//AC003953
 40 R-HEM BB1001394//Homo sapiens chromosome 17, clone hRPK.215_E_13, complete sequence//1.4e-55:494:76//AC005549
 R-HEM BB1001410//Homo sapiens PAC clone DJ1102B04 from 7q11.23-7q21, complete sequence//0.011:208:63//AC006204
 R-HEM BB1001424//Homo sapiens, WORKING DRAFT SEQUENCE, 76 unordered pieces//1.5e-22:325:69//AC002370
 45 R-HEM BB1001426//Homo sapiens 12q24 PAC RPCI3-424M6 (Roswell Park Cancer Institute Human PAC library) complete sequence//1.3e-46:328:84//AC002350
 R-HEM BB1001429//*** SEQUENCING IN PROGRESS *** Homo sapiens chromosome 4, BAC clone C0481P14; HTGS phase 1, WORKING DRAFT SEQUENCE, 7 unordered pieces//6.6e-105:550:95//AC006160
 50 R-HEM BB1001436
 R-HEM BB1001443//HS_2228_A1_B05_MF CIT Approved Human Genomic Sperm Library D Homo sapiens genomic clone Plate=2228 Col=9 Row=C, genomic survey sequence//0.37:173:62//AQ066934
 R-HEM BB1001449//Homo sapiens clone DJ1129E22, WORKING DRAFT SEQUENCE, 7 unordered pieces//2.7e-23:339:69//AC005522
 55 R-HEM BB1001454//Homo sapiens chromosome 5, P1 clone 1307e8 (LBNL H60), complete sequence//1.1e-39:299:84//AC005355
 R-HEM BB1001458//Plasmodium falciparum chromosome 2, section 67 of 73 of the complete sequence//6.0e-05:486:59//AE001430

- R-HEM BB1001463//Homo sapiens PAC clone DJ0777O23 from 7p14-p15, complete sequence.//1.2e-50:317:89//AC005154
- R-HEM BB1001464//CIT-HSP-2370C10.TF CIT-HSP Homo sapiens genomic clone 2370C10, genomic survey sequence.//0.20:95:71//AQ107941
- 5 R-HEM BB1001482//Mus musculus clone OST20235, genomic survey sequence.//4.3e-09:192:70//AF046762
- R-HEM BB1001500//Human DNA sequence from PAC 465G10 on chromosome X contains Menkes Disease (ATP7A) putative Cu⁺⁺-transporting P-type ATPase exons 2 to 21, PGAM-B, ESTs.//1.9e-21:253:70//Z94801
- R-HEM BB1001521//Mus musculus clone OST1209, genomic survey sequence.//7.5e-30:332:75//AF046642
- 10 R-HEM BB1001527//Homo sapiens clone DJ241P17, WORKING DRAFT SEQUENCE, 7 unordered pieces.//9.5e-55:483:76//AC005000
- R-HEM BB1001531//Human BAC clone 7E17 from 12q, complete sequence.//1.3e-08:159:71//AC002070
- R-HEM BB1001535//Human DNA sequence from cosmid E127C11 on chromosome 22q11.2-qter contains STS.//4.0e-30:286:79//Z74581
- R-HEM BB1001536//Homo sapiens cosmid clone LUCA16 from 3p21.3, complete sequence.//1.6e-39:342:80//U73169
- 15 R-HEM BB1001537//Genomic sequence from Human 9q34, complete sequence.//3.7e-41:361:77//AC000394
- R-HEM BB1001555//Homo sapiens Chromosome 16 BAC clone CIT987SK-A-485G10, complete sequence.//0.34:212:61//AC003049
- R-HEM BB1001562//Homo sapiens Chromosome 16 BAC clone CIT987SK-A-328A3, complete sequence.//8.0e-40:267:88//AC002301
- 20 R-HEM BB1001564//Homo sapiens clone DJ0414A15, WORKING DRAFT SEQUENCE, 9 unordered pieces.//5.1e-30:286:76//AC005225
- R-HEM BB1001565//Homo sapiens clone DJ0607J02, WORKING DRAFT SEQUENCE, 12 unordered pieces.//2.5e-15:194:75//AC004840
- 25 R-HEM BB1001585//Human DNA sequence from clone 790B6 on chromosome 20p11.22-12.2. Contains STSs and GSSs, complete sequence.//2.6e-33:234:79//AL031677
- R-HEM BB1001586//Homo sapiens clone NH0479C13, WORKING DRAFT SEQUENCE, 12 unordered pieces.//2.7e-30:371:74//AC005236
- R-HEM BB1001588//Homo sapiens Xp22 GS-52411 (Genome Systems Human BAC library), complete sequence.//8.0e-32:323:73//AC003106
- 30 R-HEM BB1001603//Plasmodium falciparum DNA *** SEQUENCING IN PROGRESS *** from contig 4-59, complete sequence.//0.034:302:59//AL010235
- R-HEM BB1001618//Homo sapiens DNA sequence from PAC 958B3 on chromosome Xp22.11-Xp22.22. Contains ESTs STS and OpG island.//7.1e-31:503:68//Z93023
- 35 R-HEM BB1001619//Homo sapiens Xq28 BAC PAC and cosmid clones containing FMR2 gene exons 1,2, and 3, complete sequence.//3.7e-50:539:72//AC002368
- R-HEM BB1001630//Human DNA sequence from PAC 121G13 on chromosome 6 contains flow sorted chromosome 6 HindIII fragment ESTs, polymorphic CA repeat, CpG island, CpG island genomic fragments.//1.3e-27:228:82//Z86062
- 40 R-HEM BB1001635//Homo Sapiens Chromosome X clone bWXD90, complete sequence.//1.5e-23:407:69//AC004075
- R-HEM BB1001637//Homo sapiens Xq28 BAC PAC and cosmid clones containing FMR2 gene exons 1,2, and 3, complete sequence.//3.9e-54:519:74//AC002368
- R-HEM BB1001641//Human DNA sequence from clone 133H11 on chromosome 6p24. Contains STSs, GSSs and genomic marker D6S410, complete sequence.//1.9e-08:464:60//AL024506
- 45 R-HEM BB1001653//Homo sapiens chromosome 17, clone HCIT3L16, WORKING DRAFT SEQUENCE, 7 unordered pieces.//2.8e-39:318:82//AC002344
- R-HEM BB1001665//***ALU WARNING: Human Alu-Sp subfamily consensus sequence.//3.8e-47:283:90//U14572
- R-HEM BB1001668
- 50 R-HEM BB1001673//Homo sapiens mRNA for KIAA0646 protein, complete cds.//1.8e-115:573:97//AB014546
- R-HEM BB1001684//Sequence 1 from patent US 5700927.//1.9e-40:343:77//I86429
- R-HEM BB1001685//Homo sapiens chromosome 17, clone hRPK.721_K_1, complete sequence.//2.6e-43:31:83//AC005411
- R-HEM BB1001695
- 55 R-HEM BB1001704//CIT-HSP-2324C15.TR CIT-HSP Homo sapiens genomic clone 2324C15, genomic survey sequence.//0.0074:259:58//AQ028704
- R-HEM BB1001706//Homo sapiens clone DJ0665P05, WORKING DRAFT SEQUENCE, 5 unordered pieces.//9.1e-34:296:80//AC004851

- R-HEM BB1001707//Homo sapiens Chromosome 16 BAC clone CIT987SK-A-319E8, complete sequence//7.7e-32:241:76//AC004020
- R-HEM BB1001717//CIT-HSP-2378C19.TF CIT-HSP Homo sapiens genomic clone 2378C19, genomic survey sequence//4.8e-35:228:89//AQ108992
- 5 R-HEM BB1001735//Homo sapiens chromosome 5, BAC clone 114k9 (LBNL H94), complete sequence//1.8e-10:80:90//AC005613
- R-HEM BB1001736//CIT-HSP-2369K6.TF CIT-HSP Homo sapiens genomic clone 2369K6, genomic survey sequence//9.9e-38:242:90//AQ075221
- 10 R-HEM BB1001747//Homo sapiens cosmids Qc14E2, Qc12H12, Qc11F9, Qc10G9, LA1733 and Qc17B8 from Xq28, complete sequence//3.3e-60:366:80//U82671
- R-HEM BB1001749//Homo sapiens chromosome 17, clone hRPK.259_G_18, complete sequence//1.4e-60:242:92//AC005829
- R-HEM BB1001753//RPC111-59J22.TK RPC111 Homo sapiens genomic clone R-59J22, genomic survey sequence//6.2e-08:281:64//AQ200046
- 15 R-HEM BB1001756//Homo sapiens BAC clone RG293F17 from 7p15-p21, complete sequence//3.1e-18:395:67//AC004130
- R-HEM BB1001760//Homo sapiens genomic DNA, chromosome 21q11.1, segment 21/28, WORKING DRAFT SEQUENCE//9.9e-18:416:64//AP000050
- 20 R-HEM BB1001762//Mus musculus major histocompatibility locus class II region: major histocompatibility protein class II alpha chain (IAalpha) and major histocompatibility protein class II beta chain (IEbeta) genes, complete cds; butyrophilin-like (NG9), butyrophilin-like (NG10), hypothetical protein (NG8), and butyrophilin-like (NG11) genes, partial cds; NG12 pseudogene, partial sequence; and hypothetical butyrophilin-like protein (NG13) gene, partial cds//0.21:521:57//AF050157
- R-HEM BB1001785//Torulopsis glabrata mitochondrial intergenic region ATPase 6 -ATPase 9 genes//0.00073:189:65//X02170
- 25 R-HEM BB1001797//Plasmodium falciparum 3D7 chromosome 12 PFYACB8-420 genomic sequence, WORKING DRAFT SEQUENCE, 14 unordered pieces//0.0049:322:62//AC005140
- R-HEM BB1001802//Human desmin gene, complete cds//8.1e-95:510:93//M63391
- R-HEM BB1001812//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 356B8, WORKING DRAFT SEQUENCE//1.3e-71:368:96//Z98882
- 30 R-HEM BB1001816//Homo sapiens chromosome 21 PAC LLNLP704G1150Q13//8.4e-21:164:76//AJ006996
- R-HEM BB1001831//Homo sapiens PAM COOH-terminal interactor protein 1 (PCIP1) mRNA, complete cds//1.7e-104:498:98//AF056209
- R-HEM BB1001836//Homo sapiens chromosome 19, cosmid R26660, complete sequence//9.2e-44:388:71//AC005328
- 35 R-HEM BB1001839
- R-HEM BB1001850//Arabidopsis thaliana genomic DNA, chromosome 5, P1 clone: MOP10, complete sequence//0.00093:488:60//AB005241
- R-HEM BB1001863//Human poly(ADP-ribose) polymerase gene, 5' end//1.2e-16:458:65//M60436
- 40 R-HEM BB1001867//Human DNA sequence from cosmid U25D11, between markers DXS366 and DXS87 on chromosome X//5.0e-31:399:74//Z68327
- R-HEM BB1001868//Arabidopsis thaliana genomic DNA, chromosome 5, P1 clone: MYN8, complete sequence//0.26:303:59//AB020754
- R-HEM BB1001869//Homo sapiens chromosome 17, clone hCIT529110, complete sequence//7.0e-37:285:85//AC002553
- 45 R-HEM BB1001872//Caenorhabditis elegans DNA *** SEQUENCING IN PROGRESS *** from clone Y44F5, WORKING DRAFT SEQUENCE//0.093:367:58//AL009027
- R-HEM BB1001874
- R-HEM BB1001875//Lactococcus lactis DPC3147 plasmid pMRC01, complete plasmid sequence//0.037:406:60//AE001272
- 50 R-HEM BB1001880//Homo sapiens chromosome 17, clone hRPK.235_I_10, complete sequence//1.3e-49:461:77//AC005922
- R-HEM BB1001899//Caenorhabditis elegans DNA *** SEQUENCING IN PROGRESS *** from clone Y116A8, WORKING DRAFT SEQUENCE//0.56:295:60//Z98858
- 55 R-HEM BB1001905//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone Y738F9, WORKING DRAFT SEQUENCE//1.9e-28:181:75//AL022345
- R-HEM BB1001906
- R-HEM BB1001908//Genomic sequence from Human 17, complete sequence//2.9e-36:274:76//AC001231

- R-HEM BB1001910//Homo sapiens chromosome 17, clone HCIT39G8, complete sequence//3.5e-41:408:76//AC003070
- R-HEM BB1001911//Homo sapiens *** SEQUENCING IN PROGRESS *** , WORKING DRAFT SEQUENCE//6.1e-64:310:89//AJ011929
- 5 R-HEM BB1001915//Mouse mRNA for arylhydrocarbon receptor, complete cds//2.0e-20:220:78//D38417
- R-HEM BB1001921//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 1141E15, WORKING DRAFT SEQUENCE//1.9e-47:410:80//AL034422
- R-HEM BB1001922//Homo sapiens chromosome 17, clone HCIT421K24, complete sequence//6.2e-32:378:74//AC004099
- 10 R-HEM BB1001925//Human Chromosome 11 overlapping pacs pDJ235k10 and pDJ239b22, WORKING DRAFT SEQUENCE, 17 unordered pieces//8.2e-41:304:84//AC000406
- R-HEM BB1001930//Homo sapiens genomic DNA of 8p21.3-p22 anti-oncogene of hepatocellular colorectal and non-small cell lung cancer, segment 10/11 //8.3e-12:202:69//AB020867
- R-HEM BB1001944//P.falci parum gene for beta subunit RNA polymerase//0.00090:264:62//X75544
- 15 R-HEM BB1001945//Swietenia humilis DNA for simple tandem repeat (242bp)//0.056:224:62//AJ000408
- R-HEM BB1001947//RPC111-60L13.TJ RPC111 Homo sapiens genomic clone R-60L13, genomic survey sequence//7.4e-23:146:94//AQ202335
- R-HEM BB1001950//Human DNA sequence from clone 415G2 on chromosome 22 Contains synapsin IIIa exon 1, EST and GSS, complete sequence//0.57:115:68//Z83846
- 20 R-HEM BB1001952//Homo Sapiens Chromosome X clone bWXD171, WORKING DRAFT SEQUENCE, 1 ordered pieces//5.6e-36:283:84//AC004676
- R-HEM BB1001953//Homo sapiens clone NH0469M07, WORKING DRAFT SEQUENCE, 7 unordered pieces//8.9e-60:334:82//AC005037
- R-HEM BB1001957//Homo sapiens clone RG228D17, WORKING DRAFT SEQUENCE, 2 unordered pieces//1.9e-56:518:77//AC005077
- 25 R-HEM BB1001962//Homo sapiens chromosome 16, BAC clone 462G18 (LANL), complete sequence//3.2e-19:157:86//AC005736
- R-HEM BB1001967//Homo sapiens DNA for amyloid precursor protein, complete cds//5.7e-68:314:89//D87675
- R-HEM BB1001973//Homo sapiens *** SEQUENCING IN PROGRESS *** from PAC E7.1 / cosmid 40M1, WORKING DRAFT SEQUENCE//1.4e-37:484:70//AJ009617
- 30 R-HEM BB1001983//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 215D11, WORKING DRAFT SEQUENCE//2.1e-28:286:75//AL034417
- R-HEM BB1001988//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 1112F19, WORKING DRAFT SEQUENCE//6.9e-29:203:88//AL034420
- 35 R-HEM BB1001990//Homo sapiens full-length insert cDNA clone ZC33G03//7.8e-95:456:99//AF086192
- R-HEM BB1001996
- R-HEM BB1001997//Homo sapiens clone RG050N15, WORKING DRAFT SEQUENCE, 26 unordered pieces//6.4e-26:162:83//AC005055
- R-HEM BB1002002//Human DNA sequence from PAC 2A2 on chromosome X contains ESTs//8.2e-83:362:93//Z84816
- 40 R-HEM BB1002005//Homo sapiens chromosome 3p clone RPC15-1034C16, WORKING DRAFT SEQUENCE, 45 unordered pieces//8.5e-36:291:83//AC005903
- R-HEM BB1002009//Homo sapiens clone DJ0828F13, complete sequence//5.6e-08:307:65//AC004904
- R-HEM BB1002015//HS-1039-A1-C10-MF.abi CIT Human Genomic Sperm Library C Homo sapiens genomic clone Plate=CT 821 Col=19 Row=E, genomic survey sequence//1.9e-05:375:62//B36336
- 45 R-HEM BB1002042//CIT-HSP-2313E13.TF CIT-HSP Homo sapiens genomic clone 2313E13, genomic survey sequence//0.34:241:62//AQ028389
- R-HEM BB1002043//Homo sapiens chromosome 21, P1 clone LBL#8 (LBNL H8), complete sequence//7.4e-35:297:82//AC005612
- 50 R-HEM BB1002044//Homo sapiens chromosome 5p, BAC clone 50g21 (LBNL H154), complete sequence//5.8e-96:582:90//AC005740
- R-HEM BB1002045//Homo sapiens chromosome 19, cosmid F22676, complete sequence//4.7e-63:575:77//AC005778
- R-HEM BB1002049//Human Chromosome X clone bWXD187, complete sequence.1//1.9e-21:384:64//AC004383
- 55 R-HEM BB1002050//Homo sapiens chromosome 17, clone hRPK.112_J_9, complete sequence//2.5e-37:368:76//AC005553
- R-HEM BB1002068//Homo sapiens chromosome 5, BAC clone 205e20 (LBNL H170), complete sequence//0.30:167:65//AC004782

- R-HEM BB1002069//Homo sapiens chromosome 19, cosmid R33516, complete sequence.//2.3e-73:449:84//AC004799
- R-HEM BB1002092//Homo sapiens chromosome 17, clone hRPK.269_G_24, complete sequence.//3.8e-45:307:87//AC005828
- 5 R-HEM BB1002094//Homo sapiens chromosome 19, cosmid R30538, complete sequence.//3.1e-47:457:76//AC005943
- R-HEM BB1002115//HS_2223_B1_G10_MF CIT Approved Human Genomic Sperm Library D Homo sapiens genomic clone Plate=2223 Col=19 Row=N, genomic survey sequence.//3.0e-58:295:98//AQ152279
- R-HEM BB1002139//***ALU WARNING: Human Alu-Sq subfamily consensus sequence.//6.6e-49:283:93//U14573
- 10 R-HEM BB1002142//Homo sapiens clone DJ0813F11, WORKING DRAFT SEQUENCE, 5 unordered pieces.//1.1e-45:451:76//AC006006
- R-HEM BB1002152//Homo sapiens chromosome 10 clone CIT987SK-1079E16 map 10q25, complete sequence.//1.3e-57:359:81//AC005881
- R-HEM BB1002189//Human Chromosome 11 pac pDJ392a17, complete sequence.//4.5e-43:420:77//AC000385
- 15 R-HEM BB1002190//Homo sapiens clone DJ0876A24, WORKING DRAFT SEQUENCE, 6 unordered pieces.//8.2e-33:340:64//AC004913
- R-HEM BB1002193//Sequence 5 from patent US 5709858.//3.2e-23:154:92//I80846
- R-HEM BB1002217//Homo sapiens clone HS19.2 Alu-Ya5 sequence.//2.6e-52:415:81//AF015148
- R-HEM BB1002218//, complete sequence.//3.4e-17:178:82//AC005300
- 20 R-HEM BB1002232//*** SEQUENCING IN PROGRESS *** Homo sapiens chromosome 4, BAC clone C0052122; HTGS phase 1, WORKING DRAFT SEQUENCE, 4 unordered pieces.//1.6e-55:292:88//AC004599
- R-HEM BB1002247//Homo sapiens chromosome 17, clone hRPK.259_G_18, complete sequence.//2.9e-13:227:70//AC005829
- R-HEM BB1002249//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 455J7, WORKING DRAFT SEQUENCE.//1.1e-06:284:64//AL031733
- 25 R-HEM BB1002254//Human Chromosome X, WORKING DRAFT SEQUENCE, 6 unordered pieces.//6.3e-104:593:91//AC002415
- R-HEM BB1002255//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 292E10, WORKING DRAFT SEQUENCE.//2.1e-40:284:85//Z93930
- 30 R-HEM BB1002266//Plasmodium falciparum DNA *** SEQUENCING IN PROGRESS *** from contig 4-10, complete sequence.//1.3e-09:371:63//AL010216
- R-HEM BB1002280//Homo sapiens PAC clone DJ0545C24 from 7q21-q22, complete sequence.//1.3e-39:247:86//AC004534
- R-HEM BB1002300//Human Chromosome 11 Cosmid cSRL30h11, complete sequence.//4.1e-84:549:86//U73642
- 35 R-HEM BB1002306//Homo sapiens BAC clone RG136N17 from 7p15-p21, complete sequence.//2.5e-10:164:71//AC004129
- R-HEM BB1002327//Homo sapiens BAC clone GS539F22 from 7p12-p14, complete sequence.//0.39:365:59//AC005028
- R-HEM BB1002329//HS-1049-B1-D05-MR.abi CIT Human Genomic Sperm Library C Homo sapiens genomic clone Plate=CT 771 Col=9 Row=H, genomic survey sequence.//0.96:180:58//B39313
- 40 R-HEM BB1002340//Homo sapiens PAC clone DJ0659J06 from 7q33-q35, complete sequence.//7.9e-17:258:73//AC004849
- R-HEM BB1002342//Homo sapiens mRNA for putative thioredoxin-like protein.//6.9e-96:479:97//AJ010841
- R-HEM BB1002358//Human Xp22 BAC CT-285115 (from CalTech/Research Genetics), PAC RPC11-27C22 (from Roswell Park Cancer Center), and Cosmid U35B5 (from Lawrence Livermore), complete sequence.//2.3e-53:309:83//AC002366
- 45 R-HEM BB1002359//Homo sapiens clone NH0486122, WORKING DRAFT SEQUENCE, 5 unordered pieces.//4.9e-27:350:74//AC005038
- R-HEM BB1002364//Homo sapiens Xp22 PAC RPC11-108M6 (Roswell Park Cancer Center PAC library) complete sequence.//8.6e-53:302:79//AC003036
- 50 R-HEM BB1002371//Human gene for catalase (EC 1.11.1.6) exon 11 mapping to chromosome 11, band p13.//3.2e-38:199:100//X04094
- R-HEM BB1002381//Homo sapiens (JH8) mRNA, partial cds.//3.2e-07:120:78//AF072467
- R-HEM BB1002383//Human DNA sequence from cosmid U19H10 on chromosome X. Contains ESTs and CA repeat.//0.98:351:58//AL021182
- 55 R-HEM BB1002387//HS-1052-B2-G10-MR.abi CIT Human Genomic Sperm Library C Homo sapiens genomic clone Plate=CT 774 Col=20 Row=N, genomic survey sequence.//2.0e-07:276:67//B41091
- R-HEM BB1002415//Homo sapiens chromosome 17, clone hRPK.209_D_14, complete sequence.//1.4e-25:202:

- 79//AC005730
 R-HEM BB1002425//Homo sapiens chromosome 19, cosmid R33516, complete sequence//3.6e-60:401:87//AC004799
 R-HEM BB1002442//Homo sapiens clone UWGC:r9a from 6p21, complete sequence//3.1e-51:358:81//AC006046
 5 R-HEM BB1002453//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 86D1, WORKING DRAFT SEQUENCE//1.4e-115:557:98//AL034349
 R-HEM BB1002457//Human DNA sequence from clone 364I22 on chromosome Xq21.31-22.3. Contains an STS and GSSs, complete sequence//6.3e-37:338:80//AL031012
 10 R-HEM BB1002458//Homo sapiens T-cell receptor alpha delta locus, from bases 250472 to 501670 (section 2 of 5) of the Complete Nucleotide Sequence//9.7e-09:314:64//AE000659
 R-HEM BB1002477//Arabidopsis thaliana DNA chromosome 4, BAC clone T12H17 (ESSAI project)//0.42:110:74//AL021635
 R-HEM BB1002489//Salvelinus fontinalis microsatellite sequence SFO-12//6.6e-06:167:71//U50302
 R-HEM BB1002492//RPCI11-74F21.TK RPCI11 Homo sapiens genomic clone R-74F21, genomic survey sequence//3.1e-14:410:63//AQ238960
 15 R-HEM BB1002495//HS_3220_A2_F07_T7 CIT Approved Human Genomic Sperm Library D Homo sapiens genomic clone Plate=3220 Col=14 Row=K, genomic survey sequence//1.3e-24:137:100//AQ180762
 R-HEM BB1002502//Homo sapiens chromosome 17, clone hRPK.346_K_10, complete sequence//9.6e-81:538:86//AC006120
 20 R-HEM BB1002509//Human DNA sequence from clone 581F12 on chromosome Xq21. Contains Eukaryotic Translation Initiation Factor EIF3 P35 Subunit and 60S Ribosomal protein L22 pseudogenes. Contains ESTs, complete sequence//0.0061:482:57//AL031313
 R-HEM BB1002510//HS_2179_A1_F03_MR CIT Approved Human Genomic Sperm Library D Homo sapiens genomic clone Plate=2179 Col=5 Row=K, genomic survey sequence//6.9e-35:423:72//AQ298309
 25 R-HEM BB1002520//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 27K12, WORKING DRAFT SEQUENCE//2.0e-62:201:85//AL033397
 R-HEM BB1002522//Homo sapiens chromosome 5, Pac clone 61c2 (LBNL H139), complete sequence//0.99:323:58//AC004225
 R-HEM BB1002531
 30 R-HEM BB1002534//Homo sapiens genomic DNA, chromosome 21q22.2 (Down Syndrome region), segment 2/15, WORKING DRAFT SEQUENCE//1.0e-61:380:79//AP000009
 R-HEM BB1002545//RPCI11-2F3.TVB RPCI-11 Homo sapiens genomic clone RPCI-11-2F3, genomic survey sequence//3.5e-12:414:63//B63283
 R-HEM BB1002550
 35 R-HEM BB1002556//*** SEQUENCING IN PROGRESS *** Homo sapiens chromosome 4, BAC clone C0481P14; HTGS phase 1, WORKING DRAFT SEQUENCE, 7 unordered pieces//2.6e-62:299:85//AC006160
 R-HEM BB1002579//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 1141E15, WORKING DRAFT SEQUENCE//1.7e-42:286:88//AL034422
 R-HEM BB1002582//Homo sapiens clone DJ1119N05, complete sequence//3.0e-14:426:60//AC004968
 40 R-HEM BB1002590//Homo sapiens clone RG132J19, complete sequence//1.1e-30:392:74//AC005163
 R-HEM BB1002596//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 508I15, WORKING DRAFT SEQUENCE//8.5e-44:335:83//AL021707
 R-HEM BB1002600//Homo sapiens 12p13.3 PAC RPCI5-1063M23 (Roswell Park Cancer Institute Human PAC Library) complete sequence//2.0e-105:470:96//AC005865
 45 R-HEM BB1002601//Homo sapiens chromosome 17, clone HRPC837J1, complete sequence//1.3e-44:445:77//AC004223
 R-HEM BB1002603//Homo sapiens clone UWGC:y23c049 from 6p21, complete sequence//7.0e-40:321:82//AC006162
 R-HEM BB1002607//CIT-HSP-2347D7.TF CIT-HSP Homo sapiens genomic clone 2347D7, genomic survey sequence//1.1e-44:234:98//AQ060197
 50 R-HEM BB1002610//Human Chromosome 16 BAC clone CIT987SK-A-363E6, complete sequence//7.0e-22:455:65//U91321
 R-HEM BB1002613//Homo sapiens 12p13.3 BAC RPCI11-476M19 (Roswell Park Cancer Institute Human BAC Library) complete sequence//3.0e-72:302:85//AC005908
 55 R-HEM BB1002614//Homo sapiens 12q13.1 PAC RPCI1-228P16 (Roswell Park Cancer Institute Human PAC Library) complete sequence//3.8e-10:512:60//AC004801
 R-HEM BB1002617//Homo sapiens clone DJ1021I20, WORKING DRAFT SEQUENCE, 6 unordered pieces//6.8e-24:486:63//AC005520

- R-HEM BB1002623//Homo sapiens PAC clone DJ1059M17 from 7q21-q31.1, complete sequence//2.4e-41:326:83//AC004953
- R-HEM BB1002635//Homo sapiens chromosome 12p13.3 clone RPC111-189M20, WORKING DRAFT SEQUENCE, 39 unordered pieces//2.6e-42:360:80//AC005910
- 5 R-HEM BB1002664//Homo sapiens chromosome 21q22.3 PAC 171F15, complete sequence//9.1e-51:335:87//AF042090
- R-HEM BB1002677//Plasmodium falciparum strain Dd2 heat shock protein 86 (HSP86), O1 (o1), O3 (o3), O2 (o2), CG8 (cg8), CG4 (cg4), CG3 (cg3), CG9 (cg9), CG1 (cg1), CG6 (cg6), chloroquine resistance candidate protein (cg2), and CG7 (cg7) genes, complete cds//0.0011:399:59//AF030694
- 10 R-HEM BB1002683//Homo sapiens chromosome 21q22.3 PAC 171F15, complete sequence//4.1e-55:515:76//AF042090
- R-HEM BB1002684//Human BAC clone RG066D11 from 7q22, complete sequence//1.7e-18:504:62//AC002430
- R-HEM BB1002686//Homo sapiens full-length insert cDNA clone ZC65D06//7.0e-85:413:99//AF086217
- R-HEM BB1002692//Homo sapiens 12p13.3 BAC RPC111-319E16 (Roswell Park Cancer Institute Human BAC Library) complete sequence//9.8e-69:505:82//AC006206
- 15 R-HEM BB1002697//Plasmodium falciparum 3D7 chromosome 12 PFYAC812 genomic sequence, WORKING DRAFT SEQUENCE, 8 unordered pieces//0.26:390:58//AC004153
- R-HEM BB1002699//Human NFE genomic fragment//8.0e-32:226:79//M98511
- R-HEM BB1002702//CIT-HSP-344K23.TVC CIT-HSP Homo sapiens genomic clone 344K23, genomic survey sequence//8.6e-43:351:8011859764
- 20 R-HEM BB1002705//Plasmodium yoelii rophtry protein, complete cds//0.0064:454:59//L27838
- R-HEM BB1002712//Human DNA sequence from clone 505B13 on chromosome 1p36.2-36.3 Contains CA repeat and GSSs, complete sequence//9.6e-09:187:67//Z98052
- R-MAMMA1000009//Homo sapiens clone NH0469M07, WORKING DRAFT SEQUENCE, 7 unordered pieces//4.1e-21:201:80//AC005037
- 25 R-MAMMA1000019//Homo sapiens chromosome 21q22.2 PAC clone P169K17, complete sequence//4.2e-48:306:82//AF015720
- R-MAMMA1000020//Human DNA sequence from clone 551E13 on chromosome Xp11.2-11.3 Contains farnesyl pyrophosphate synthetase pseudogene, VT4 protein pseudogene, EST, GSS, complete sequence//1.4e-41:306:86//AL022163
- 30 R-MAMMA1000025//Human DNA sequence from clone 512B11 on chromosome 6p24-25. Contains the Desmoplakin I (DPI) gene, ESTs, STSs and GSSs, complete sequence//6.1e-36:281:83//AL031058
- R-MAMMA1000043//Homo sapiens Chromosome 22q11.2 Cosmid Clone 8c In DGCR Region, complete sequence//1.3e-67:321:88//AC000090
- 35 R-MAMMA1000045//Homo sapiens chromosome 4 clone B220G8 map 4q21, complete sequence//6.7e-86:559:86//AC004054
- R-MAMMA1000055//Branta canadensis CA dinucleotide repeat locus Bcamicro1//0.79:63:77//AF025889
- R-MAMMA1000057//Homo sapiens DNA sequence from cosmid ICK0721Q on chromosome 6. Contains a 60S Ribosomal Protein L35A LIKE pseudogene, a gene coding for a 60S Ribosomal Protein L12 LIKE protein in an intron of the HSET gene coding for a Kinesin related protein, the PHF1 (PHF2) gene coding for alternative splice products PHD finger proteins 1 and 2, the gene coding for five different alternatively spliced mRNAs coding for a protein similar to CYTA (CYCY) and identical to a polypeptide coded for by a known patented cDNA, and the first two exons of the gene coding for the human homolog of the rat synaptic ras GTPase-activating protein p135 SynGAP. Contains three predicted CpG islands, ESTs and an STS, complete sequence//1.6e-53:397:83//AL021366
- 40 R-MAMMA1000069//Homo sapiens clone RG052H06, WORKING DRAFT SEQUENCE, 11 unordered pieces//2.0e-37:295:83//AC005057
- R-MAMMA1000084//Homo sapiens chromosome Xp22-135-136 clone GSHB-56711, WORKING DRAFT SEQUENCE, 35 unordered pieces//7.1e-45:296:88//AC005867
- 50 R-MAMMA1000085
- R-MAMMA1000092//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 774G10, WORKING DRAFT SEQUENCE//8.2e-34:539:69//AL034410
- R-MAMMA1000103//Homo sapiens chromosome 17, clone hCIT.91_J_4, complete sequence//3.4e-39:297:85//AC003976
- 55 R-MAMMA1000117//Homo sapiens p47-phox (NCF1) pseudogene, clone P38, exon 5//2.6e-07:162:67//U69641
- R-MAMMA1000129//Homo sapiens clone DJ076B20, WORKING DRAFT SEQUENCE, 6 unordered pieces//6.1e-13:141:80//AC004882
- R-MAMMA1000133

- R-MAMMA1000134//Homo sapiens chromosome 19, cosmid R26660, complete sequence.//9.7e-18:171:80//AC005328
- R-MAMMA1000139//Homo sapiens clone DJ241P17, WORKING DRAFT SEQUENCE, 7 unordered pieces.//1.2e-49:366:75//AC005000
- 5 R-MAMMA1000143//Homo sapiens *** SEQUENCING IN PROGRESS *** from PAC D9.2, WORKING DRAFT SEQUENCE.//3.9e-56:318:89//AJ009615
- R-MAMMA1000155//Human DNA sequence from clone 323M22 on chromosome 22q13.1-13.2. Contains the 5' part of the human ortholog of chicken P52 and mouse H74, and a novel gene coding for a protein similar to KIAA0173 and worm Tubulin Tyrosine Ligase. Contains ESTs, STSs, GSSs, genomic marker D22S418 and putative CpG islands, complete sequence.//2.1e-68:562:78//AL022476
- 10 R-MAMMA1000163//Homo sapiens clone RG315H11, WORKING DRAFT SEQUENCE, 5 unordered pieces.//5.3e-06:408:58//AC005089
- R-MAMMA1000171//CIT-HSP-2335L20.TR CIT-HSP Homo sapiens genomic clone 2335L20, genomic survey sequence.//1.5e-42:173:89//AQ037381
- 15 R-MAMMA1000173
- R-MAMMA1000175//H.sapiens CpG island DNA genomic MseI fragment, clone 186c5, reverse read cpg186c5.r11b.//0.072:90:72//Z57594
- R-MAMMA1000183//Homo sapiens Xp22 BAC GSHB-184P14 (Genome Systems Human BAC library) complete sequence.//1.5e-44:445:75//AC004552
- 20 R-MAMMA1000198//Homo sapiens clone c102D0968, complete sequence.//1.9e-23:135:85//AF038667
- R-MAMMA1000221//HS_3242_B2_H02_T7 CIT Approved Human Genomic Sperm Library D Homo sapiens genomic clone Plate=3242 Col=4 Row=P, genomic survey sequence.//0.031:167:67//AQ220385
- R-MAMMA1000227//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 1071N3, WORKING DRAFT SEQUENCE.//4.5e-36:487:71//AL031728
- 25 R-MAMMA1000241//Homo sapiens DNA sequence from PAC 93L7 on chromosome Xq21. Contains part of the CHM (TCD, REP1) gene coding for RAB Escort protein 1 (REP-1, RAB proteins geranylgeranyltransferase component A 1, Choroideraemia protein, Tapetochoroidal Dystrophy (TCD) protein). Contains ESTs and an STS, complete sequence.//6.2e-07:445:59//AL022401
- R-MAMMA1000251//Homo sapiens chromosome 19, cosmid F23465, complete sequence.//1.6e-25:390:69//AC005266
- 30 R-MAMMA1000254//Homo sapiens DNA sequence from BAC 1216H12 on chromosome 22q12. Contains a pseudogene with similarity to part of mouse Ninein and the KIAA0609 gene for a protein similar to C. elegans K09C8.4. Contains ESTs, GSSs and a ggtt repeat polymorphism, complete sequence.//1.1e-37:327:80//AL008715
- R-MAMMA1000257//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 1125A11, WORKING DRAFT SEQUENCE.//1.3e-22:281:74//AL034549
- 35 R-MAMMA1000264//*** SEQUENCING IN PROGRESS *** EPM1/APECED region of chromosome 21, clones A68E8, B127P21, B173L3, B23N8, C1242C9, C579E2, A70B6, B159G9, B175D10, B52C10, C124G1 Note: Sequencing in this region has been discontinued by the Stanford Human Genome Center, WORKING DRAFT SEQUENCE, 50 unordered pieces.//1.7e-29:337:67//AC003656
- 40 R-MAMMA1000266//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 681N20, WORKING DRAFT SEQUENCE.//7.7e-37:339:80//AL031670
- R-MAMMA1000270//Human Chromosome 16 BAC clone CIT987SK-A-270G1, complete sequence.//1.2e-40:283:86//AF001549
- R-MAMMA1000277//CIT-HSP-516K6.TP CIT-HSP Homo sapiens genomic clone 516K6, genomic survey sequence.//3.0e-29:265:80//B49900
- 45 R-MAMMA1000278//Sequence 25 from patent US 5708157//2.6e-39:282:82//I80056
- R-MAMMA1000279//Homo sapiens chromosome 16, cosmid clone 390H2 (LANL), complete sequence.//1.6e-52:295:84//AC004494
- R-MAMMA1000284//CITBI-E1-2522B20.TF CITBI-E1 Homo sapiens genomic clone 2522B20, genomic survey sequence.//1.8e-11:288:61//AQ280722
- 50 R-MAMMA1000287
- R-MAMMA1000302//Homo sapiens chromosome 17, clone hRPK.112_J_9, complete sequence.//4.1e-16:169:77//AC005553
- R-MAMMA1000307//RPC111-89L1.TV RPC111 Homo sapiens genomic clone R-89L1, genomic survey sequence.//1.3e-86:429:97//AQ284795
- 55 R-MAMMA1000309//Homo sapiens hJAG2.del-E6 (JAG2) mRNA, alternatively spliced isoform of Jagged2, complete cds.//0.00020:384:60//AF029779
- R-MAMMA1000312//Ichneutes sp. 16S ribosomal RNA gene, partial sequence.//0.0026:310:60//AF003518

- R-MAMMA1000313//Human cosmid Xq28_IA649, complete sequence.//1.5e-26:317:67//U82694
 R-MAMMA1000331//Homo sapiens clone DJ1007F24, WORKING DRAFT SEQUENCE, 5 unordered pieces.//3.1e-39:277:86//AC004947
- 5 R-MAMMA1000339//Homo sapiens clone HS19.1 Alu-Ya5 sequence.//3.2e-44:180:89//AF015147
 R-MAMMA1000340//Plasmodium falciparum chromosome 2, section 25 of 73 of the complete sequence.//0.97:293:64//AE001388
- R-MAMMA1000348//Homo sapiens BAC129, complete sequence.//4.4e-27:365:72//U85195
 R-MAMMA1000356//Drosophila melanogaster DNA sequence (P1 DS02252 (D97)), complete sequence.//0.73:332:61//AC002493
- 10 R-MAMMA1000360//Homo sapiens PAC clone DJ0905J08 from 7p12-p14, complete sequence.//4.6e-80:279:89//AC005189
 R-MAMMA1000361//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 753D4, WORKING DRAFT SEQUENCE.//7.8e-18:346:63//AL031676
- 15 R-MAMMA1000372//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone Y214H10, WORKING DRAFT SEQUENCE.//5.3e-40:299:83//AL022344
 R-MAMMA1000385//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 310013, WORKING DRAFT SEQUENCE.//1.0e-28:225:84//AL031658
- R-MAMMA1000388//CIT-HSP-2321D3.TR CIT-HSP Homo sapiens genomic clone 2321D3, genomic survey sequence.//4.7e-60:298:99//AQ038102
- 20 R-MAMMA1000395
 R-MAMMA1000402//Homo sapiens PAC clone DJ1107K12 from 7p12-p14, complete sequence.//1.4e-84:276:88//AC004692
- R-MAMMA1000410//Human Chromosome 16 BAC clone CIT987SK-A-211C6, complete sequence.//6.7e-35:360:76//AC002394
- 25 R-MAMMA1000413//Homo sapiens chromosome 17, clone hRPC.842_A_23, complete sequence.//3.1e-69:327:79//AC004662
 R-MAMMA1000414//Homo sapiens DNA sequence from PAC 164L12 on chromosome Xq13.1-Xq21.2. Contains GSS (BAC end sequence), STS.//3.6e-41:180:87//AL009028
- R-MAMMA1000416//Homo sapiens clone DJ1136G02, WORKING DRAFT SEQUENCE, 4 unordered pieces.//3.1e-59:478:77//AC005377
- 30 R-MAMMA1000421//Human coxVIb gene, last exon and flanking sequence.//5.3e-53:294:82//X58139
 R-MAMMA1000422//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 8B22, WORKING DRAFT SEQUENCE.//1.0:252:59//AL031737
- R-MAMMA1000423//Homo sapiens clone DA0065G23, complete sequence.//2.0e-50:491:76//AC004816
- 35 R-MAMMA1000424//Human DNA sequence from PAC 507I15 on chromosome Xq26.3-27.3. Contains 60S ribosomal protein L44 (L41, L36) like gene, ESTs, STSs and a polymorphic CA repeat.//3.5e-40:340:80//Z98950
 R-MAMMA1000429//Mus musculus SDP8 mRNA, complete cds.//0.0019:87:79//AF062484
- R-MAMMA1000431//Homo sapiens clone DJ0098O22, WORKING DRAFT SEQUENCE, 5 unordered pieces.//2.0e-58:564:77//AC004821
- 40 R-MAMMA1000444//Human BAC clone RG126M09 from 7q21-q22, complete sequence.//3.0e-43:328:83//AC002067
 R-MAMMA1000446//Human chromosome X clone Qc15B1, complete sequence.//0.95:209:65//U82672
- R-MAMMA1000458//Arabidopsis thaliana genomic DNA, chromosome 5, P1 clone: MXK3, complete sequence.//0.99:182:61//AB019236
- 45 R-MAMMA1000468
 R-MAMMA1000472//Homo sapiens genomic DNA, 21q region, clone: 655M9N34, genomic survey sequence.//1.0e-38:142:88//AG010148
- R-MAMMA1000478//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 169I5, WORKING DRAFT SEQUENCE.//1.3e-37:286:83//Z93015
- 50 R-MAMMA1000483//CIT-HSP-384B14.TR CIT-HSP Homo sapiens genomic clone 384B14, genomic survey sequence.//4.3e-34:158:86//B54637
 R-MAMMA1000490//Homo sapiens chromosome 19, BAC CIT-B-191n6, complete sequence.//4.2e-98:569:90//AC006130
- R-MAMMA1000500//Human BRCA1, Rho7 and vat1 genes, complete cds, and ipf35 gene, partial cds.//1.2e-41:334:79//L78833
- 55 R-MAMMA1000501//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 153G14, WORKING DRAFT SEQUENCE.//1.4e-38:250:84//AL031118
 R-MAMMA1000516//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 424J12, WORKING

DRAFT SEQUENCE.//1.3e-43:318:83/Z82207
 R-MAMMA1000522//Human DNA sequence from clone 739H11 on chromosome 1p33-34.2 Contains KIAA0237 gene, EST, STS, GSS, complete sequence.//4.4e-13:202:73//AL031289
 R-MAMMA1000559//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 169I5, WORKING DRAFT SEQUENCE.//2.2e-30:245:83/Z93015
 5 R-MAMMA1000565//Homo sapiens chromosome 10 clone LA10NC01_183_B_7 map 10q24, WORKING DRAFT SEQUENCE, 1 ordered pieces.//3.6e-39:281:80/U82205
 R-MAMMA1000567//Rattus norvegicus nonmuscle caldesmon mRNA, complete cds.//9.2e-19:216:76/U18419
 R-MAMMA1000576
 10 R-MAMMA1000583//Homo sapiens chromosome 17, clone hRPK.112_H_10, complete sequence.//5.4e-53:297:85//AC005666
 R-MAMMA1000585//Homo sapiens clone DJ1015P16, WORKING DRAFT SEQUENCE, 4 unordered pieces.//1.2e-35:450:71//AC006018
 R-MAMMA1000594//Homo sapiens *** SEQUENCING IN PROGRESS *** from cosmid 5L5, WORKING DRAFT SEQUENCE.//4.3e-26:293:75//AJ009613
 15 R-MAMMA1000597//CIT-HSP-2341F4.TF CIT-HSP Homo sapiens genomic clone 2341F4, genomic survey sequence.//0.83:110:70//AQ057131
 R-MAMMA1000605//Homo sapiens clone DJ1090E20, WORKING DRAFT SEQUENCE, 4 unordered pieces.//2.6e-50:290:86//AC004956
 20 R-MAMMA1000612//CIT-HSP-2334J18.TF CIT-HSP Homo sapiens genomic clone 2334J18, genomic survey sequence.//0.76:132:65//AQ038364
 R-MAMMA1000616//Ibalia leucospoides mitochondrion 16S rRNA gene, partial sequence.//6.8e-06:431:59//U06970
 R-MAMMA1000621//Human NBR2 mRNA, complete cds.//5.3e-27:258:80//U88573
 25 R-MAMMA1000623
 R-MAMMA1000625//Homo sapiens chromosome 19, cosmid R31665, complete sequence.//3.3e-07:325:63//AC005498
 R-MAMMA1000643//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 39B17, WORKING DRAFT SEQUENCE.//1.4e-06:236:68//AL023656
 30 R-MAMMA1000664//*** SEQUENCING IN PROGRESS *** Homo sapiens chromosome 4, BAC clone C0326F06; HTGS phase 1, WORKING DRAFT SEQUENCE, 16 unordered pieces.//1.4e-40:338:81//AC004555
 R-MAMMA1000669//Human DNA sequence from clone 453C12 on chromosome 20q12-13.12 Contains SDC4 (syndecan 4 (amphiglycan, ryudocan)) predicts a gene like the mouse transcription factor RBP-L, MATN4 (matrilin-4) STS, GSS, CpG island, complete sequence.//1.2e-46:327:86//AL021578
 35 R-MAMMA1000670
 R-MAMMA1000672//Human DNA sequence from clone 478D8 on chromosome 6p24. Contains STSs and GSSs, complete sequence.//2.2e-29:328:76//AL031785
 R-MAMMA1000684//Mus musculus frizzled-1 mRNA, complete cds.//0.21:247:63//AF054623
 R-MAMMA1000696//Human Chromosome X clone bWXd173, WORKING DRAFT SEQUENCE, 2 ordered pieces.//2.7e-46:464:71//AC004387
 40 R-MAMMA1000707//Homo sapiens clone RG219E16, WORKING DRAFT SEQUENCE, 3 unordered pieces.//3.4e-09:244:66//AC005075
 R-MAMMA1000713//Homo sapiens clone DJ0425I02, WORKING DRAFT SEQUENCE, 5 unordered pieces.//3.7e-51:439:74//AC005478
 45 R-MAMMA1000714//Homo sapiens BAC clone RG152H24 from 7p15-p21, complete sequence.//2.8e-29:288:75//AC004694
 R-MAMMA1000718//Human Xp22 BAC CT-285I15 (from CalTech/Research Genetics), PAC RPC11-27C22 (from Roswell Park Cancer Center), and Cosmid U35B5 (from Lawrence Livermore), complete sequence.//3.0e-37:231:91//AC002366
 50 R-MAMMA1000720//Homo sapiens chromosome 19, cosmid R33632, complete sequence.//1.4e-35:299:81//AC005781
 R-MAMMA1000723//Human DNA sequence from clone 551E13 on chromosome Xp11.2-11.3 Contains farnesyl pyrophosphate synthetase pseudogene, VT4 protein pseudogene, EST, GSS, complete sequence.//3.9e-59:409:79//AL022163
 55 R-MAMMA1000731//Homo sapiens clone RG228D17, WORKING DRAFT SEQUENCE, 2 unordered pieces.//9.4e-29:560:66//AC005077
 R-MAMMA1000732//Homo sapiens clone DJ0539M06, WORKING DRAFT SEQUENCE, 10 unordered pieces.//2.4e-14:309:68//AC004832

- R-MAMMA1000733//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 732E4, WORKING DRAFT SEQUENCE.//4.1e-29:377:71//AL008722
- R-MAMMA1000734//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 191J18, WORKING DRAFT SEQUENCE.//2.0e-108:420:99//AL024507
- 5 R-MAMMA1000738//Human V beta T-cell receptor (TCRBV) gene locus.//6.6e-41:347:82//U03115
- R-MAMMA1000744//T27O8-T7 TAMU Arabidopsis thaliana genomic clone T27O8, genomic survey sequence.//0.095:367:60//B20150
- R-MAMMA1000746//*** SEQUENCING IN PROGRESS *** Homo sapiens chromosome 4, BAC clone C0135005; HTGS phase 1, WORKING DRAFT SEQUENCE, 23 unordered pieces.//7.4e-95:569:87//AC004661
- 10 R-MAMMA1000752//Homo sapiens BAC clone BK085E05 from 22q12.1-qter, complete sequence.//1.3e-48:295:84//AC003071
- R-MAMMA1000760//Human DNA sequence from clone B79B4 on chromosome 22 Contains CA repeat and GSS, complete sequence.//5.7e-45:347:82//Z82178
- R-MAMMA1000761//Homo sapiens cosmid clone LUCA16 from 3p21.3, complete sequence.//1.1e-32:292:80//U73169
- 15 R-MAMMA1000775//Homo sapiens chromosome 17, clone hRPK.22_N_12, WORKING DRAFT SEQUENCE, 2 ordered pieces.//2.5e-50:467:79//AC005412
- R-MAMMA1000776//Human BAC clone GS552A01 from 7q21-q22, complete sequence.//1.0e-63:429:79//AC002454
- 20 R-MAMMA1000778//Human DNA sequence from 4PTEL, Huntington's Disease Region, chromosome 4p16.3.//3.5e-25:234:81//Z95704
- R-MAMMA1000782//Human DNA sequence from clone 459L4 on chromosome 6p22.3-24.1 Contains EST, STS, GSS, complete sequence.//0.0021:119:74//AL031120
- R-MAMMA1000798//Homo sapiens 959 kb contig between AML1 and CBR1 on chromosome 21q22, segment 2/3.//6.3e-08:269:64//AJ229042
- 25 R-MAMMA1000802//Homo sapiens chromosome 19, cosmid R33729, complete sequence.//1.1e-36:261:80//AC005339
- R-MAMMA1000831//CIT-HSP-2387J3.TF.1 CIT-HSP Homo sapiens genomic clone 2387J3, genomic survey sequence.//0.68:156:65//AQ240807
- 30 R-MAMMA1000839//Homo sapiens chromosome 17, clone hRPK.726_O_12, WORKING DRAFT SEQUENCE, 6 unordered pieces.//4.6e-50:335:86//AC005517
- R-MAMMA1000841//Human Chromosome 16 BAC clone CIT987SK-A-972D3, complete sequence.//1.3e-40:322:77//U91323
- R-MAMMA1000842//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 341D10, WORKING DRAFT SEQUENCE.//4.1e-44:471:74//Z97985
- 35 R-MAMMA1000843//Homo sapiens clone 82F9, WORKING DRAFT SEQUENCE, 4 unordered pieces.//0.85:394:60//AC004815
- R-MAMMA1000845//Plasmodium falciparum DNA *** SEQUENCING IN PROGRESS *** from MAL1P1, WORKING DRAFT SEQUENCE.//0.54:303:63//AL031744
- 40 R-MAMMA1000851//Homo sapiens chromosome X, MeCP2 locus, complete sequence.//1.7e-10:115:83//AF030876
- R-MAMMA1000855//Homo sapiens PAC clone 278C19 from 12q, complete sequence.//5.0e-44:352:83//AC004263
- R-MAMMA1000856//Homo sapiens chromosome 19, cosmid F24200, complete sequence.//1.8e-10:149:74//AC00461
- 45 R-MAMMA1000862//Hepatitis C virus genomic RNA, 3' nontranslated region, partial sequence. clone #16.//8.1e-05:205:66//AF009075
- R-MAMMA1000863//Homo sapiens Xp22 Cosmids U15E4, U115H5, U132E12, U115B9 (Lawrence Livermore human cosmid library) complete sequence.//2.9e-49:421:80//AC002364
- 50 R-MAMMA1000865//Homo sapiens Chromosome 16 BAC clone CIT987SK-A-328A3, complete sequence.//9.1e-41:302:83//AC002301
- R-MAMMA1000867//Human BRCA1, Rho7 and vat1 genes, complete cds, and ipf35 gene, partial cds.//1.9e-17:500:61//L78833
- R-MAMMA1000875//Homo sapiens chromosome 16, cosmid clone RT99 (LANL), complete sequenced.//1.2e-17:211:74//AC004653
- 55 R-MAMMA1000876//Homo sapiens Xp22 BAC GS-607H18 (Genome Systems Human BAC library) complete sequence.//4.7e-09:160:65//AC003658
- R-MAMMA1000877//Homo sapiens DNA sequence from PAC 958B3 on chromosome Xp22.11-Xp22.22. Contains

- ESTs STS and CpG island//3.2e-34:354:75//Z93023
 R-MAMMA1000880//Homo sapiens Chromosome 16 BAC clone CIT987SK-A-575C2, complete sequence//1.4e-41:411:74//AC002425
 R-MAMMA1000883
 5 R-MAMMA1000897
 R-MAMMA1000905//Homo sapiens chromosome 5, P1 clone 274A11 (LBNL H66), complete sequence//1.3e-73:304:91//AC004506
 R-MAMMA1000906//Human DNA from chromosome 19-specific cosmid F14150, genomic sequence, complete sequence//8.4e-23:194:83//AC003110
 10 R-MAMMA1000908//Human Chromosome 15q26.1 PAC clone pDJ416i6, complete sequence//1.5e-09:170:71//AC003024
 R-MAMMA1000914//Homo sapiens PAC clone DJ0740L10 from 7p13-p14, complete sequence//8.3e-13:323:67//AC005247
 R-MAMMA1000921//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 423B22, WORKING DRAFT SEQUENCE//6.8e-28:333:72//AL034379
 15 R-MAMMA1000931//HS_3227_B1_B03_T7 CIT Approved Human Genomic Sperm Library D Homo sapiens genomic clone Plate=3227 Col=5 Row=D, genomic survey sequence//1.4e-55:443:79//AQ191777
 R-MAMMA1000940//Homo sapiens clone RG013F03, WORKING DRAFT SEQUENCE, 6 unordered pieces//2.0e-43:340:84//AC005046
 20 R-MAMMA1000941//Homo sapiens chromosome 17, clone 297N7, complete sequence//1.8e-53:330:84//AC002347
 R-MAMMA1000942//Human Chromosome X clone bWXD187, complete sequence//1.2e-39:391:74//AC004383
 R-MAMMA1000943//Human PAC clone DJ327A19 from Xq25-q26, complete sequence//4.6e-75:566:81//AC002477
 25 R-MAMMA1000956//Plasmodium falciparum MAL3P7, complete sequence//0.013:285:59//AL034559
 R-MAMMA1000957//Homo sapiens clone RG339C12, WORKING DRAFT SEQUENCE, 10 unordered pieces//5.2e-45:288:90//AC005096
 R-MAMMA1000962//Homo sapiens clone DJ0756H11, WORKING DRAFT SEQUENCE, 5 unordered pieces//2.9e-108:561:96//AC006001
 30 R-MAMMA1000968//Homo sapiens PAC clone 278C19 from 12q, complete sequence//3.9e-41:287:87//AC004263
 R-MAMMA1000975//Homo sapiens DNA sequence from PAC 179N16 on chromosome 6p21.1-21.33. Contains the SAPK4 (MAPK p38delta) gene, and the alternatively spliced SAPK2 gene coding for CSaids binding protein CSBP2 and a MAPK p38beta LIKE protein. Contains ESTs, STSs and two predicted CpG islands, complete sequence//9.4e-65:542:79//Z95152
 35 R-MAMMA1000979//Homo sapiens chromosome 21q22.3, PAC clones 314N7, 225L15, BAC clone 7B7, complete sequence bases 1..333303//3.2e-34:296:80//AJ011930
 R-MAMMA1000987//Homo sapiens CC chemokine gene cluster, complete sequence//1.7e-40:255:87//AF088219
 R-MAMMA1000998//Homo sapiens PAC clone DJ1152D16 from Xq23, complete sequence//2.5e-39:315:73//AC005190
 40 R-MAMMA1001003//Homo sapiens chromosome 10 clone CIT-HSP-1338F24 map 10p11.2-10p12.1, complete sequence//2.4e-52:296:84//AC006101
 R-MAMMA1001008//Homo sapiens *** SEQUENCING IN PROGRESS *** WORKING DRAFT SEQUENCE//7.9e-88:432:98//AJ011929
 45 R-MAMMA1001021//Homo sapiens PAC clone DJ0859M06 from 7q11, complete sequence//3.8e-39:286:87//AC004910
 R-MAMMA1001024//Homo sapiens clone DJ0876A24, WORKING DRAFT SEQUENCE, 6 unordered pieces//2.0e-31:274:80//AC004913
 R-MAMMA1001030//Homo sapiens full-length insert cDNA clone ZD96C01//3.2e-99:469:99//AF088074
 50 R-MAMMA1001035//RPCI-1-46G8Sp6 RPCI-1 Homo sapiens genomic clone RPCI-1-46G8Sp6, genomic survey sequence//3.5e-49:270:90//AQ275285
 R-MAMMA1001038//Homo sapiens chromosome 3, olfactory receptor pseudogene cluster 1, complete sequence, and myosin light chain kinase (MLCK) pseudogene, partial sequence//1.1e-41:285:87//AF042089
 R-nnnnnnnnnnnnn
 55 R-MAMMA1001050//Homo sapiens genomic DNA, 237 kb segment from 6p21.3 region including HLA genes, WORKING DRAFT SEQUENCE//1.3e-55:334:91//D84394
 R-MAMMA1001059//Mouse RNA helicase and RNA-dependent ATPase from the DEAD box family mRNA, complete cds//1.7e-51:481:77//L25125

- R-MAMMA1001067//CIT-HSP-2371K20.TF CIT-HSP Homo sapiens genomic clone 2371K20, genomic survey sequence.//7.2e-65:946:95//AQ111326
- R-MAMMA1001073
- 5 R-MAMMA1001074//Homo sapiens BAC clone NH0400O10 from Y, complete sequence.//8.6e-33:457:69//AC006040
- R-MAMMA1001075//Homo sapiens Chromosome 16 BAC clone CIT987SK-A-248F7, complete sequence.//0.15:325:62//AC004605
- R-MAMMA1001078//Homo sapiens chromosome 5, BAC clone 203o13 (LBNL H155), complete sequence.//1.6e-45:344:84//AC005609
- 10 R-MAMMA1001082//Human genomic DNA sequence from clone 308O1 on chromosome Xp11.3-11.4. Contains EST, CA repeat, STS, GSS, CpG island.//8.5e-15:413:64//Z93403
- R-MAMMA1001091//Sequence 7 from patent US 5468610.//0.0027:159:64//I15499
- R-MAMMA1001092//Homo sapiens chromosome 17, clone hRPK.372_K_20, complete sequence.//2.0e-51:267:82//AC005951
- 15 R-MAMMA1001105//Homo sapiens DNA sequence from PAC 119E23 on chromosome Xq25-q27.1. Contains glypican-3 precursor (intestinal protein OCI-5) (GTR2-2),5'UTR. ESTs, STS.//6.9e-22:178:85//Z99570
- R-MAMMA1001110//Homo sapiens chromosome 17, clone HRPC1169K15, complete sequence.//3.0e-19:141:81//AC003963
- R-MAMMA1001126//Human DNA from overlapping chromosome 7 PAC and P1 clones containing the XRCC2 gene, genomic sequence, complete sequence.//2.2e-46:462:75//AC003109
- 20 R-MAMMA1001133//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 120G22, WORKING DRAFT SEQUENCE.//1.8e-68:455:86//AL031847
- R-MAMMA1001139//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone Y738F9, WORKING DRAFT SEQUENCE.//7.1e-09:100:84//AL022345
- 25 R-MAMMA1001143//Papio hamadryas lipoprotein lipase (LPL) gene, intron 7.//1.9e-49:362:85//U73684
- R-MAMMA1001145//Homo sapiens chromosome 17, clone hRPK.235_L_10, complete sequence.//9.5e-49:512:74//AC005922
- R-MAMMA1001154//Homo sapiens Chromosome 16 BAC clone CIT987-SKA-88D1 ~complete genomic sequence, complete sequence.//1.5e-29:305:76//AC002289
- 30 R-MAMMA1001161//Human DNA sequence from clone 681J21 on chromosome 1q23.2-24.3 Contains CpG island, complete sequence.//1.1e-64:339:90//AL031286
- R-MAMMA1001162//Human DNA from cosmid DNA MMDb (f10080) and MMDc (f13544) from chromosome 19q13.3 (obtained by automated sequence analysis).//3.4e-09:243:64//M89651
- R-MAMMA1001181//Human Chromosome X clone bWXd173, WORKING DRAFT SEQUENCE, 2 ordered pieces.//3.7e-29:351:74//AC004387
- 35 R-MAMMA1001186//Homo sapiens chromosome 19, cosmid R28778, complete sequence.//2.2e-25:415:68//AC006125
- R-MAMMA1001191//Homo sapiens T-cell receptor alpha delta locus from bases 1000498 to 1071650 (section 5 of 5) of the Complete Nucleotide Sequence.//0.99:243:61//AE000662
- 40 R-MAMMA1001198//Mus musculus eps15R mRNA, complete cds.//8.0e-57:223:86//U29156
- R-MAMMA1001202//Mus musculus clone OST13722, genomic survey sequence.//1.0e-30:220:85//AF046748
- R-MAMMA1001203//Homo sapiens chromosome 17, clone hRPK.22_N_12, WORKING DRAFT SEQUENCE, 2 ordered pieces.//8.9e-61:567:78//AC005412
- R-MAMMA1001206//Homo sapiens chromosome 5, P1 clone 854b11 (LBNL H44), complete sequence.//4.6e-08:442:61//AC004763
- 45 R-MAMMA1001215//Homo sapiens chromosome 19, CIT-HSP BAC 470n8, complete sequence.//1.3e-117:564:97//AC005393
- R-MAMMA1001220//HS-1023-A1-G10-MR.abi CIT Human Genomic Sperm Library C Homo sapiens genomic clone Plate=CT 802 Col=19 Row=M, genomic survey sequence.//6.0e-16:276:68//B33708
- 50 R-MAMMA1001222//F17E12TFB IGF Arabidopsis thaliana genomic clone F17E12, genomic survey sequence.//0.041:277:61//B97762
- R-MAMMA1001243
- R-MAMMA1001244//HS-1058-A2-G01-MF.abi CIT Human Genomic Sperm Library C Homo-sapiens genomic clone Plate=CT 780 Col=2 Row=M, genomic survey sequence.//3.5e-05:104:74//B43862
- 55 R-MAMMA1001249//H.sapiens DNA for matrix attachment region.//0.0013:95:75//Z54221
- R-MAMMA1001256//Human BAC clone GS188P18, complete sequence.//3.4e-32:356:74//AC000115
- R-MAMMA1001259
- R-MAMMA1001260//Homo sapiens mRNA for KIAA0661 protein, complete cds.//6.3e-20:226:75//AB014561

- R-MAMMA1001268//Human DNA sequence from PAC 225D2 on chromosome Xq21. Contains ESTs, CA repeat//1.1e-47:352:85//Z95124
R-MAMMA1001271
R-MAMMA1001274//H.sapiens DNA for trapped exon (ID HMC07C06), genomic survey sequence//3.1e-40:232:93//X88457
- 5 R-MAMMA1001280//Homo sapiens full-length insert cDNA clone YW26C09//1.9e-112:574:95//AF087976
R-MAMMA1001292//Human DNA sequence from clone 1170K4 on chromosome 22q12.2-13.1. Contains three novel genes, one of which codes for a Trypsin family protein with class A LDL receptor domains, and the IL2RB gene for Interleukin 2 Receptor, Beta (IL-2 Receptor, CD122 antigen). Contains a putative CpG island, ESTs, and GSSs, complete sequence//2.9e-114:582:96//AL022314
- 10 R-MAMMA1001296//Human DNA sequence from PAC 487J7 on chromosome 6q21-22.1. Contains an unknown gene coding for three alternative mRNAs. Contains ESTs, STSs, a BAC end-sequence (GSS) and a CA repeat polymorphism//1.9e-64:268:88//AL008730
R-MAMMA1001298//Homo sapiens chromosome 17, clone hRPK.849_N_15, complete sequence//1.5e-38:306:83//AC005703
- 15 R-MAMMA1001305//Human DNA sequence from PAC 127B20 on chromosome 22q11.2-qter, contains gene for GTPase-activating protein similar to rhoGAP protein. ribosomal protein L6 pseudogene, ESTs and CA repeat//1.5e-37:306:82//Z83838
R-MAMMA1001322//Homo sapiens DNA sequence from PAC 434O14 on chromosome 1q32.3-41. Contains the HSD11B1 gene for Hydroxysteroid (11-beta) Dehydrogenase 1, the ADORA2BP adenosine A2b receptor LIKE pseudogene, the IRF6 gene for Interferon Regulatory Factor 6 and two novel genes. Contains ESTs and GSSs, complete sequence//2.4e-15:260:71//AL022398
- 20 R-MAMMA1001324//Homo sapiens chromosome 19, cosmid F23269, complete sequence//4.0e-06:90:83//AC005614
R-MAMMA1001330//Human BAC clone RG066D11 from 7q22, complete sequence//1.4e-45:439:74//AC002430
R-MAMMA1001341//Human DNA sequence from PAC 211D12 on chromosome 20q12-13.2. Contains Krs-2, K+ channel protein, stress responsive//1.3e-24:137:81//Z93016
R-MAMMA1001343//Human Chromosome 16 BAC clone CIT987SK-A-17E1, complete sequence//5.4e-51:197:89//AC002041
- 30 R-MAMMA1001346//Homo sapiens Chromosome 16 BAC clone CIT987SK-A-233A8, complete sequence//0.99:182:64//AC004685
R-MAMMA1001383//Homo sapiens clone 82F9, WORKING DRAFT SEQUENCE, 4 unordered pieces//1.9e-42:303:86//AC004815
R-MAMMA1001388//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 508I15, WORKING DRAFT SEQUENCE//1.5e-44:324:83//AL021707
- 35 R-MAMMA1001397//Homo sapiens genomic DNA, chromosome 21q11.1, segment 15/28, WORKING DRAFT SEQUENCE//2.0e-39:254:89//AP000044
R-MAMMA1001408//Homo sapiens chromosome 12q24.1, WORKING DRAFT SEQUENCE, 33 unordered pieces//9.4e-36:251:88//AC005805
- 40 R-MAMMA1001411//T15F1-T7.1 TAMU Arabidopsis thaliana genomic clone T15F1, genomic survey sequence//1.0:98:71//AQ248928
R-MAMMA1001419//Homo sapiens translation initiation factor 4e mRNA, complete cds//4.8e-18:117:96//AF038957
R-MAMMA1001420//Homo sapiens chromosome 5, P1 clone 1041F10 (LBNL H88), complete sequence//2.8e-09:377:63//AC005179
- 45 R-MAMMA1001435//S.pombe chromosome I cosmid c26H5//1.0:356:59//Z99126
R-MAMMA1001442//Homo sapiens chromosome 4 clone B150J4 map 4q25, complete sequence//3.4e-17:259:72//AC004047
R-MAMMA1001446//Homo sapiens BAC clone RG139P11 from 7q11-q21, complete sequence//2.9e-17:231:71//AC004491
- 50 R-MAMMA1001452//Human DNA sequence from clone 452M16 on chromosome Xq21.1-21.33 Contains capping protein alpha subunit isoform 1 pseudogene, STS, GSS, and CA repeat, complete sequence//6.1e-50:558:73//AL024493
R-MAMMA1001465//cSRL-2F3-u cSRL flow sorted Chromosome 11 specific cosmid Homo sapiens genomic clone cSRL-2F3, genomic survey sequence//3.0e-23:141:96//B04295
- 55 R-MAMMA1001476//Mus musculus uridine kinase mRNA, partial cds//3.4e-09:309:64//L31783
R-MAMMA1001487//Homo sapiens chromosome 17, clone hRPC.1108_L_11, complete sequence//5.1e-30:286:79//AC005206

- R-MAMMA1001501
 R-MAMMA1001502//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 356B7, WORKING DRAFT SEQUENCE //4.3e-19:349:64//AL031714
 R-MAMMA1001510
 5 R-MAMMA1001522//Homo sapiens chromosome 5, BAC clone 24h24 (LBNL H194), complete sequence //1.5e-09:136:75//AC005352
 R-MAMMA1001547//Human Chromosome X, complete sequence //3.5e-40:300:84//AC002418
 R-MAMMA1001551//Human DNA sequence from PAC 42616 on chromosome 1p34.1-1p35. Contains NIPP-1-like gene a nuclear inhibitor of protein phosphatase-1, ESTs, and a CA repeat //1.1e-57:282:89//AL020997
 10 R-MAMMA1001575
 R-MAMMA1001576//Human gamma-tubulin mRNA, complete cds //7.6e-60:530:78//M61764
 R-MAMMA1001590//Homo sapiens Bruton's tyrosine kinase (BTK), alpha-D-galactosidase A (GLA), L44-like ribosomal protein (L44L) and FTP3 (FTP3) genes, complete cds //1.3e-29:161:86//U78027
 R-MAMMA1001600//Homo sapiens 12q24 PAC RPC11-66E7 (Roswell Park Cancer Institute Human PAC library) complete sequence //2.1e-18:390:66//AC004216
 15 R-MAMMA1001604//Human DNA sequence from clone 1042K10 on chromosome 22q13.1-13.2. Contains the ADSL gene for Adenylosuccinate lyase (EC 4.3.2.2, Adenylosuccinase, ASL) and 4 novel genes (one with probable rabGAP domains and Src homology domain 3). Contains ESTs, STSs, GSSs and a putative CpG island, complete sequence //1.0:227:62//AL022238
 20 R-MAMMA1001606//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 228H13, WORKING DRAFT SEQUENCE //1.3e-17:219:69//AL031985
 R-MAMMA1001620//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 1018D12, WORKING DRAFT SEQUENCE //2.1e-51:298:84//AL031650
 R-MAMMA1001627//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 229A8, WORKING DRAFT SEQUENCE //7.8e-45:328:85//Z86090
 25 R-MAMMA1001630//, complete sequence //2.5e-08:170:72//AC005399
 R-MAMMA1001633//Homo sapiens chromosome 10 clone CIT987SK-1057L21 map 10q25, complete sequence //2.2e-21:241:70//AC005386
 R-MAMMA1001635//Homo sapiens DNA sequence from PAC 230G1 on chromosome Xp11.3. Contains EST, STS and GSS, complete sequence //1.1e-32:346:74//Z84466
 30 R-MAMMA1001649
 R-MAMMA1001663//Homo sapiens clone 162B15, complete sequence //9.4e-68:267:89//AC004811
 R-MAMMA1001670//Human DNA sequence from PAC 75N13 on chromosome Xq21.1. Contains ZNF6 like gene, ESTs, STSs and CpG islands //1.7e-49:322:88//Z82216
 35 R-MAMMA1001671//Homo sapiens chromosome 19, cosmid F23269, complete sequence //2.4e-114:575:96//AC005614
 R-MAMMA1001679//CIT-HSP-2335N4.TF CIT-HSP Homo sapiens genomic clone 2335N4, genomic survey sequence //2.4e-82:400:99//AQ037393
 R-MAMMA1001683//Homo sapiens Chromosome 7 BAC Clone 239c10, WORKING DRAFT SEQUENCE, 9 unordered pieces //5.7e-47:533:72//AC004166
 40 R-MAMMA1001686//Homo sapiens chromosome 19, CIT-HSP-444n24, complete sequence //6.6e-12:194:72//AC005261
 R-MAMMA1001692//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone Y738F9, WORKING DRAFT SEQUENCE //9.6e-44:414:77//AL022345
 45 R-MAMMA1001711//Homo sapiens clone BAC 9H13 chromosome 8 map 8q21, complete sequence //3.1e-31:436:70//AF110324
 R-MAMMA1001715//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 73E16, WORKING DRAFT SEQUENCE //8.8e-76:524:84//Z95330
 R-MAMMA1001730
 50 R-MAMMA1001735//Cricetulus griseus (chinese hamster) mRNA for beta tubulin (clone B9T), partial //2.7e-13:382:63//X60786
 R-MAMMA1001740//Homo sapiens genomic DNA, chromosome 21q11.1, segment 21/28, WORKING DRAFT SEQUENCE //3.9e-47:318:87//AP000050
 R-MAMMA1001743//Homo sapiens clone DJ0981O07, complete sequence //4.0e-108:566:95//AC006017
 55 R-MAMMA1001744
 R-MAMMA1001745//Homo sapiens BAC clone 529F11 from 8q21, complete sequence //3.5e-113:564:97//AF070718
 R-MAMMA1001751//Homo sapiens chromosome 19, cosmid R27328, complete sequence //3.6e-30:312:75//

- AC005625
 R-MAMMA1001754//Bos taurus vacuolar proton pump subunit SFD alpha isoform (SFD) mRNA, complete cds//
 4.7e-34:320:77//AF041338
 R-MAMMA1001757//Homo sapiens chromosome 17, clone hRPC.4_G_17, complete sequence//4.7e-10:244:67//
 5 AC003688
 R-MAMMA1001760//RPC11-38L16.TV RPC1-11 Homo sapiens genomic clone RPC1-11-38L16, genomic survey
 sequence//1.3e-10:236:64//AQ029432
 R-MAMMA1001764//Plasmodium falciparum 3D7 chromosome 12 PFYACB8-420 genomic sequence, WORKING
 DRAFT SEQUENCE, 14 unordered pieces//0.74:361:60//AC005140
 10 R-MAMMA1001768//Homo sapiens chromosome 17, clone hRPK.147_L_13, complete sequence//1.6e-42:416:
 76//AC005332
 R-MAMMA1001769//Homo sapiens chromosome 17, clone hRPC.1073_F_15, complete sequence//1.4e-13:129:
 83//AC004686
 R-MAMMA1001771//M.musculus mRNA for semaphorin B//1.1e-34:530:69//X85991
 15 R-MAMMA1001783//Homo sapiens Chromosome 2 BAC Clone 376a1, WORKING DRAFT SEQUENCE, 17 un-
 ordered pieces//1.1e-42:282:85//AC000360
 R-MAMMA1001785//Human chromosome 16p13.11 BAC clone CIT987SK-98H8 complete sequence//3.0e-49:
 282:86//J91319
 R-MAMMA1001788
 20 R-MAMMA1001790//Homo sapiens clone DJ0876A24, WORKING DRAFT SEQUENCE, 6 unordered pieces//
 9.8e-43:530:71//AC004913
 R-MAMMA1001806//Homo sapiens Chromosome 16 BAC clone CIT987SK-A-319E8, complete sequence//1.8e-
 43:324:79//AC004020
 R-MAMMA1001812//Plasmodium falciparum chromosome 2, section 69 of 73 of the complete sequence//0.65:
 25 183:63//AE001432
 R-MAMMA1001815//Homo sapiens clone GS223D04, WORKING DRAFT SEQUENCE, 3 unordered pieces//
 1.1e-10:417:62//AC005018
 R-MAMMA1001817//Homo sapiens Xp22-83 BAC GSHB-324M7 (Genome Systems Human BAC Library) com-
 plete sequence//2.6e-40:313:84//AC005859
 30 R-MAMMA1001818
 R-MAMMA1001820//Homo sapiens, WORKING DRAFT SEQUENCE, 52 unordered pieces//2.2e-45:340:82//
 AC004086
 R-MAMMA1001824//Homo sapiens clone DJ1107K15, WORKING DRAFT SEQUENCE, 8 unordered pieces//
 1.9e-53:291:85//AC004966
 35 R-MAMMA1001836//HS_3164_B1_A02_MR CIT Approved Human Genomic Sperm Library D Homo sapiens ge-
 nomic clone Plate=3164 Col=3 Row=B, genomic survey sequence//6.5e-08:79:89//AQ185484
 R-MAMMA1001837//Homo sapiens chromosome 19, overlapping cosmids F18547, F11133, R27945, R28830 and
 R32804, complete sequence//8.4e-55:309:85//AC003682
 R-MAMMA1001848//Homo sapiens PAC clone DJ0296G17 from Xq23, complete sequence//1.6e-16:125:90//
 40 AC006144
 R-MAMMA1001851//Genomic sequence from Human 9q34, WORKING DRAFT SEQUENCE, 2 unordered piec-
 es//2.4e-50:516:74//AC002099
 R-MAMMA1001854//Homo sapiens Chromosome 16 BAC clone CIT987SK-A-575C2, complete sequence//1.7e-
 38:308:82//AC002425
 45 R-MAMMA1001858//Human Xq13 3' end of PAC 92E23 containing the X inactivation transcript (XIST) gene, com-
 plete sequence//6.5e-50:283:86//U80460
 R-MAMMA1001864//Human Chromosome 15q26.1 PAC clone pDJ398g19, WORKING DRAFT SEQUENCE, 21
 unordered pieces//3.4e-36:224:86//AC005143
 R-nnnnnnnnnnnnn//Plasmodium falciparum chromosome 2, section 54 of 73 of the complete sequence//1.4e-11:
 50 495:63//AE001417
 R-MAMMA1001874//Human chromosome 1 BAC 308G1 genomic sequence, WORKING DRAFT SEQUENCE, 3
 unordered pieces//3.2e-42:446:76//AC003117
 R-MAMMA1001878//Human DNA sequence from PAC 431A14 on chromosome 6p21. Contains CYCLOPHILIN
 (PEPTIDYLPROLYL ISOMERASE) like and CIP1 (WAF1, CDKNA1, CDKN1, MDA-6, SDI1, PIC1, CAP20) genes.
 55 Contains probable GTPase and receptor genes and ESTs, STSs and CpG islands//6.9e-44:391:78//Z85996
 R-MAMMA1001880//Human DNA sequence from fosmid F77D12 on chromosome 22q12-qter contains ESTs,
 tRNA//1.3e-15:181:76//Z82097
 R-MAMMA1001890//Homo sapiens Chromosome 16 BAC clone CIT987-SKA-670B5 ~complete genomic se-

quence, complete sequence//1.7e-43:283:86//AC002303
 R-MAMMA1001907//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 385E7, WORKING
 DRAFT SEQUENCE//1.4e-48:420:79//AL031720
 R-nnnnnnnnnnn//Saccharomyces cerevisiae chromosome IV cosmid 9481 //2.9e-14:505:60//U28373
 5 R-MAMMA1001931//Homo sapiens NACP/alpha-synuclein gene, allele A0, intron 4, partial sequence//0.51:162:
 63//AF041008
 R-MAMMA1001956//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 50O24, WORKING
 DRAFT SEQUENCE//1.4e-51:422:79//AL034380
 R-MAMMA1001963//Homo sapiens clone HS19.3 Alu-Ya5 sequence//1.9e-31:163:91//AF015149
 10 R-MAMMA1001969//Human DNA from chromosome 19 cosmid F19410, genomic sequence, complete se-
 quence//8.7e-10:186:76//AC002128
 R-MAMMA1001970//Homo sapiens BAC clone BK085E05 from 22q12.1-qter, complete sequence//1.0e-62:298:
 86//AC003071
 R-MAMMA1001992//Human Chromosome 15q26.1 PAC clone pDJ460g16, WORKING DRAFT SEQUENCE, 3
 15 unordered pieces//1.8e-44:525:72//AC004581
 R-MAMMA1002009//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 109G6, WORKING
 DRAFT SEQUENCE//1.4e-43:282:79//AL023879
 R-MAMMA1002011
 R-MAMMA1002032//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 469D22, WORKING
 20 DRAFT SEQUENCE//1.1e-39:310:84//AL031284
 R-MAMMA1002033//Homo sapiens chromosome 5, Pac clone 162o17 (LBNL H147), complete sequence//2.5e-
 17:170:81//AC003954
 R-MAMMA1002041//Homo sapiens PAC clone DJ0728D04, complete sequence//8.7e-79:296:85//AC004865
 R-MAMMA1002042//Human chromosome 16 BAC clone CIT987SK-A-962B4, complete sequence//8.8e-46:386:
 25 80//U91318
 R-MAMMA1002047//Human chromosome 16 BAC clone CIT987SK-A-962B4, complete sequence//1.9e-32:326:
 75//U91318
 R-MAMMA1002056//Homo sapiens chromosome 17, clone hRPK.506_H_21, complete sequence//6.6e-48:367:
 82//AC005962
 30 R-MAMMA1002058//Homo sapiens clone RG038K21, WORKING DRAFT SEQUENCE, 3 unordered pieces//
 0.25:139:69//AC005052
 R-MAMMA1002068//Homo Sapiens Chromosome X clone bWXD171, WORKING DRAFT SEQUENCE, 1 ordered
 pieces//2.2e-45:406:78//AC004676
 R-MAMMA1002078//Homo sapiens chromosome 17, clone hRPK.401_O_9, complete sequence//2.3e-22:357:
 35 64//AC005291
 R-MAMMA1002082//Homo sapiens PAC clone 278C19 from 12q, complete sequence//2.5e-38:304:82//
 AC004263
 R-MAMMA1002084//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 1174N9, WORKING
 DRAFT SEQUENCE//8.9e-41:319:83//AL031602
 40 R-MAMMA1002093//CIT-HSP-2060J9.TF CIT-HSP Homo sapiens genomic clone 2060J9, genomic survey se-
 quence//9.7e-17:129:88//B69983
 R-MAMMA1002108
 R-MAMMA1002118//Human DNA sequence from cosmid E116C6, on chromosome 22 Contains ESTs, complete
 sequence//0.94:168:64//Z73495
 45 R-MAMMA1002125//Homo sapiens chromosome 17, clone hRPK.63_A_1, complete sequence//4.8e-40:313:83//
 AC005670
 R-MAMMA1002132//Homo sapiens PAC clone DJ1059M17 from 7q21-q31.1, complete sequence//2.0e-70:461:
 83//AC004953
 R-MAMMA1002140//Human DNA sequence from PAC 465G10 on chromosome X contains Menkes Disease
 50 (ATP7A) putative Cu⁺⁺-transporting P-type ATPase exons 2 to 21, PGAM-B, ESTs//1.1e-32:477:73//Z94801
 R-MAMMA1002143//Homo sapiens platelet-activating factor acetylhydrolase gene, promoter region and exon 1//
 6.6e-06:130:73//AF027357
 R-MAMMA1002145//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 126A5, WORKING
 DRAFT SEQUENCE//6.0e-19:242:73//AL031447
 55 R-MAMMA1002153//*** SEQUENCING IN PROGRESS *** Homo sapiens chromosome 4, BAC clone C0281M17;
 HTGS phase 1, WORKING DRAFT SEQUENCE, 3 unordered pieces//2.1e-51:291:75//AC006052
 R-MAMMA1002155//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 608E8, WORKING
 DRAFT SEQUENCE//1.2e-53:461:79//AL022343

- R-MAMMA1002156//Homo sapiens PAC clone DJ130H16 from 22q12.1-qter, complete sequence//5.1e-37:305:82//AC004997
- R-MAMMA1002158//Human DNA sequence from clone 1049G16 on chromosome 20q12-13.2 Contains gene similar to GLUCOSAMINE-6-SULFATASE, a nuclear receptor coactivator gene, ESTs, STSs, GSSs, complete sequence//8.1e-34:296:81//AL034418
- 5 R-MAMMA1002170//Human DNA sequence from clone 1163J1 on chromosome 22q13.2-13.33. Contains the 3' part of a gene for the ortholog of mouse transmembrane receptor Celsr1, a novel gene for a protein similar to C. elegans B0035.16 and bacterial tRNA (5-Methylaminomethyl-2-thiouridylate)-Methyltransferases, and the 3' part of a novel gene for a protein similar to mouse B99. Contains ESTs, GSSs and putative CpG islands, complete sequence//7.9e-39:332:82//AL031588
- 10 R-MAMMA1002174//Homo sapiens chromosome 10 clone CIT987SK-1109P11, complete sequence//4.4e-12:189:72//AC005871
- R-MAMMA1002198//Homo sapiens clone DJ0800G07, complete sequence//1.1e-48:338:81//AC004890
- R-MAMMA1002209//Homo sapiens chromosome 17, clone hRPK.156_L_14, complete sequence//1.2e-23:269:74//AC005821
- 15 R-MAMMA1002215//Homo sapiens clone GS250N06, WORKING DRAFT SEQUENCE, 5 unordered pieces//3.2e-12:243:68//AC005158
- R-MAMMA1002219//Homo sapiens 12p13.3 RPC14-773N5 (Roswell Park Cancer Institute Human PAC library) complete sequence//3.3e-45:295:88//AC004802
- 20 R-MAMMA1002230//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 423B22, WORKING DRAFT SEQUENCE//7.3e-41:385:78//AL034379
- R-MAMMA1002236//Rattus norvegicus initiation factor eIF-2B gamma subunit (eIF-2B gamma) mRNA, complete cds//7.3e-45:363:79//U38253
- R-MAMMA1002243//Homo sapiens chromosome 17, clone hRPK.112_H_10, complete sequence//2.8e-119:582:98//AC005666
- 25 R-MAMMA1002250//Homo sapiens chromosome 16, P1 clone 109-9G (LANL), complete sequence//4.7e-42:319:84//AC005600
- R-MAMMA1002267//Homo sapiens chromosome 17, clone hRPK.346_K_10, complete sequence//1.5e-33:571:67//AC006120
- 30 R-MAMMA1002268//Mus musculus sphingosine kinase (SPHK1b) mRNA, complete cds//2.3e-35:462:70//AF068749
- R-MAMMA1002269//345I17.TV CIT978SKA1 Homo sapiens genomic clone A-345I17, genomic survey sequence//4.7e-05:153:69//B15590
- R-MAMMA1002282//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 112K5, WORKING DRAFT SEQUENCE//8.5e-37:467:71//Z85987
- 35 R-MAMMA1002292//Hordeum vulgare lipoxygenase 2 (LoxC) mRNA, complete cds//0.074:178:61//L37358
- R-MAMMA1002293//Homo sapiens chromosome 16, cosmid clone RT167 (LANL), complete sequence//5.8e-26:355:71//AC005568
- R-MAMMA1002294//Homo sapiens chromosome 17, clone hRPC.1110_E_20, complete sequence//1.2e-35:281:82//AC004231
- 40 R-MAMMA1002297//Human DNA sequence from cosmid L174G8, Huntington's Disease Region, chromosome 4p16.3//6.7e-48:381:80//Z69375
- R-MAMMA1002298//Homo sapiens BAC clone RG208H19 from 7q11.23, complete sequence//.8e-17:296:70//AC005074
- 45 R-MAMMA1002299//HS_3116_A2_F07_T7 CIT Approved Human Genomic Sperm Library D Homo sapiens genomic clone Plate=3116 Col=14 Row=K, genomic survey sequence//4.1e-60:354:91//AQ140526
- R-MAMMA1002308
- R-MAMMA1002310//Human DNA sequence from cosmid B10B1 on chromosome 22 Contains ESTs, CA repeat and STS, complete sequence//9.9e-35:283:83//Z73979
- 50 R-MAMMA1002311//Homo sapiens Xp22-150 BAC GSHB-309P15 (Genome Systems Human BAC Library) complete sequence//1.3e-86:503:90//AC006210
- R-MAMMA1002312//H.sapiens gene encoding La autoantigen//1.3e-23:382:67//X97869
- R-MAMMA1002317//Human DNA sequence from clone 48G12 on chromosome Xq27.1-27.3. Contains STSs and GSSs, complete sequence//1.3e-59:323:87//AL031054
- 55 R-MAMMA1002319//Homo sapiens chromosome 19, fosmid 39347, complete sequence//2.2e-106:522:98//AC005756
- R-MAMMA1002322//Homo sapiens genomic DNA, chromosome 21q11.1, segment 13/28, WORKING DRAFT SEQUENCE//2.3e-48:452:76//AP000042

- R-MAMMA1002329//M.musculus mRNA for semaphorin B//2.0e-12:210:73//X85991
 R-MAMMA1002332//Homo sapiens PAC clone DJ1139101 from Xq23, complete sequence//3.4e-46:393:71//AC004973
 5 R-MAMMA1002333//HS_3245_A1_B04_MR CIT Approved Human Genomic Sperm Library D Homo sapiens genomic clone Plate=3245 Col=7 Row=C, genomic survey sequence//3.1e-21:146:92//AQ205759
 R-MAMMA1002339//Human Chromosome 16 BAC clone CIT987SK-A-270G1, complete sequence//9.7e-39:310:79//AF001549
 R-MAMMA1002347//Homo sapiens 12q24.1 PAC RPCI3-305I20 (Roswell Park Cancer Institute Human PAC Library) complete sequence//1.2e-46:443:76//AC006088
 10 R-MAMMA1002351//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 1059H15, WORKING DRAFT SEQUENCE//1.1e-90:553:89//AL022100
 R-MAMMA1002352//Homo sapiens mRNA for leukemia associated gene 2//8.8e-81:388:92//Y15228
 R-MAMMA1002353//Homo sapiens 12q24 BAC RPCI11-162P23 (Roswell Park Cancer Institute Human BAC library) complete sequence//5.5e-35:302:80//AC002996
 15 R-MAMMA1002355//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 222E13, WORKING DRAFT SEQUENCE//5.4e-52:361:76//Z93241
 R-MAMMA1002356//Homo sapiens chromosome 17, clone hRPC.842_A_23, complete sequence//8.3e-28:187:91//AC004662
 R-MAMMA1002359//Human DNA sequence from cosmid L118D5, Huntington's Disease Region, chromosome 20 4p16.3 contains CpG islands//6.3e-47:297:85//268869
 R-MAMMA1002360//HS_2163_B2_C08_MR CIT Approved Human Genomic Sperm Library D Homo sapiens genomic clone Plate=2163 Col=16 Row=F, genomic survey sequence//1.5e-20:374:66//AQ125213
 R-MAMMA1002361//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 349A12, WORKING DRAFT SEQUENCE//2.2e-35:264:85//AL033520
 25 R-MAMMA1002362//H.sapiens PEX gene//1.8e-40:243:86//Y10196
 R-MAMMA1002380//RPCI11-73J4.TJ RPCI11 Homo sapiens genomic clone R-73J4, genomic survey sequence//1.7e-38:295:77//AQ268168
 R-MAMMA1002384//Homo sapiens 12q13.1 PAC RPCI1-228P16 (Roswell Park Cancer Institute Human PAC Library) complete sequence//2.5e-37:311:81//AC004801
 30 R-MAMMA1002385
 R-MAMMA1002392//Human BAC clone RG066D11 from 7q22, complete sequence//2.0e-37:365:77//AC002430
 R-MAMMA1002411//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 64K7, WORKING DRAFT SEQUENCE//9.4e-22:496:65//AL031668
 R-MAMMA1002413//Homo sapiens 12q24.2 PAC RPCI1-157K6 (Roswell Park Cancer Institute Human PAC library) complete sequence//2.3e-15:153:77//AC005146
 35 R-MAMMA1002417//Human DNA sequence from PAC 42616 on chromosome 1p34.1-1p35. Contains NIPP-1-like gene a nuclear inhibitor of protein phosphatase-1, ESTs, and a CA repeat//1.8e-23:508:62//AL020997
 R-MAMMA1002427//Human Chromosome 16 BAC clone CIT987SK-A-363E6, complete sequence//2.5e-37:288:84//U91321
 40 R-MAMMA1002428//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 1185N5, WORKING DRAFT SEQUENCE//6.0e-05:130:75//AL034423
 R-MAMMA1002434//Homo sapiens DNA sequence from PAC 380E11 on chromosome 6p22.3-p24. Contains HB15 gene, ESTs, CA repeat, STS and GSS//4.8e-18:205:78//AL022396
 R-MAMMA1002446//CIT-HSP-2021L14.TR CIT-HSP Homo sapiens genomic clone 2021L14, genomic survey sequence//4.6e-41:387:72//B65379
 45 R-MAMMA1002454//Homo sapiens chromosome 19, cosmid F23259, complete sequence//1.2e-67:491:82//AC005512
 R-MAMMA1002461//Homo sapiens PAC clone 166H1 from 12q, complete sequence//1.4e-28:188:85//AC003982
 R-MAMMA1002470//Saccharomyces cerevisiae chromosome VIII cosmid 9205//6.3e-09:280:61//U10556
 50 R-MAMMA1002475//Human DNA sequence from PAC 306D1 on chromosome X contains ESTs//1.5e-25:310:74//Z83822
 R-MAMMA1002480//Homo sapiens clone RG228D17, WORKING DRAFT SEQUENCE, 2 unordered pieces//1.2e-98:533:93//AC005077
 R-MAMMA1002485//Homo sapiens stanniocalcin-2 (STC-2) mRNA, complete cds//2.7e-114:560:97//AF055460
 55 R-MAMMA1002494//Human DNA sequence from cosmid L174G8, Huntington's Disease Region, chromosome 4p16.3//2.1e-46:329:84//Z69375
 R-MAMMA1002498//Rat mRNA//0.0068:223:64//M59859
 R-MAMMA1002524//Plasmodium falciparum 3D7 chromosome 12 PFYAC336 genomic sequence, WORKING

DRAFT SEQUENCE, 5 unordered pieces.//0.012:460:60//AC005139
R-MAMMA1002530//Homo sapiens cytosolic phospholipase A2 gamma (cPLA2 gamma) mRNA, complete cds.//1.2e-101:529:95//AF065214
R-MAMMA1002545//Homo sapiens ribosomal protein s4 Y isoform gene, complete cds.//6.6e-50:471:77//AF041427
5 R-MAMMA1002554//Homo sapiens chromosome 4 clone B227H22 map 4q25, complete sequence.//5.7e-38:279:84//AC004056
R-MAMMA1002556//Homo sapiens chromosome 10 clone CIT-HSP-1255F20 map 10p11.2-10p12.1, complete sequence.//9.6e-13:237:67//AC005878
10 R-MAMMA1002566//CITBI-E1-2509P21.TR CITBI-E1 Homo sapiens genomic clone 2509P21, genomic survey sequence.//9.7e-14:216:73//AQ261427
R-MAMMA1002571//CITBI-E1-2516L21.TF CITBI-E1 Homo sapiens genomic clone 2516L21, genomic survey sequence.//4.6e-25:142:99//AQ279542
R-MAMMA1002573//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 811H13, WORKING
15 DRAFT SEQUENCE.//1.1e-30:250:82//AL023805
R-MAMMA1002585//Rabbit angiotensin-converting enzyme (ACE) gene, 5' end.//1.0:196:61//M58580
R-MAMMA1002590//H.sapiens CpG island DNA genomic MseI fragment, clone 8d5, forward read cpg8d5.f1g.//1.0:114:64//Z63758
R-MAMMA1002597//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 1103G7, WORKING
20 DRAFT SEQUENCE.//9.0e-96:459:98//AL034548
R-MAMMA1002598//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 120G22, WORKING DRAFT SEQUENCE.//0.79:362:58//AL031847
R-MAMMA1002603//Homo sapiens chromosome 17, clone hRPK.214_C_8, complete sequence.//1.3e-46:333:80//AC005803
25 R-MAMMA1002612//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 269M15, WORKING DRAFT SEQUENCE.//7.4e-41:283:86//AL021395
R-MAMMA1002617//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 591N18, WORKING DRAFT SEQUENCE.//1.7e-20:308:71//AL031594
R-MAMMA1002618//Homo sapiens clone RG122E10, complete sequence.//1.2e-31:230:76//AC005067
30 R-MAMMA1002619//Homo sapiens chromosome 21 PAC RPCIP704E14135Q2.//9.0e-113:551:98//AJ010598
R-MAMMA1002622//Homo sapiens chromosome 4 clone B207D4 map 4q25, complete sequence.//2.8e-43:324:83//AC004050
R-MAMMA1002623//Homo sapiens chromosome 17, clone hRPC.1171_I_10, complete sequence.//2.7e-80:344:84//AC004687
35 R-MAMMA1002625//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 1056L3, WORKING DRAFT SEQUENCE.//2.6e-34:391:72//AL031727
R-MAMMA1002629//Human DNA from overlapping chromosome 19-specific cosmid R32543,, and F15613 containing ZNF gene family member, genomic sequence, complete sequence.//5.5e-58:346:81//AC003006
R-MAMMA1002636//Homo sapiens clone DJ0810E06, WORKING DRAFT SEQUENCE, 8 unordered pieces.//1.1e-52:285:92//AC004895
40 R-MAMMA1002637//Mus musculus kinesin light chain 2 (Klc2) mRNA, complete cds.//2.1e-13:359:64//AF055666
R-MAMMA1002646//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 39417, WORKING DRAFT SEQUENCE.//2.5e-24:285:68//AL023585
R-MAMMA1002650//Human IGF-II gene exon 2 for insulin-like growth factor II located on chromosome 11.//0.64:237:61//X03424
45 R-MAMMA1002655//Homo sapiens mini satellite cebI repeat region.//0.18:152:65//AF048727
R-MAMMA1002662//Homo sapiens clone DJ0739M23, complete sequence.//2.5e-46:370:82//AC004870
R-MAMMA1002665//Human DNA sequence from PAC 435C23 on chromosome X. Contains ESTs.//7.4e-55:298:92//Z92844
50 R-MAMMA1002671//RPCI11-45M10.TK RPCI11 Homo sapiens genomic clone R-45M10, genomic survey sequence.//0.99:151:66//AQ194411
R-MAMMA1002673//Homo sapiens DNA sequence from PAC 454M7 on chromosome Xq25-26.3. Contains the OCRL1 gene for Lowe Oculocerebrorenal Syndrome protein OCRL-1. Contains ESTs, STSs and GSSs, complete sequence.//3.1e-38:410:76//AL022162
55 R-MAMMA1002684//Homo sapiens mRNA for KIAA0214 protein, complete cds.//1.4e-107:544:96//D86987
R-MAMMA1002685//HS_2052_A1_H02_T7 CIT Approved Human Genomic Sperm Library D Homo sapiens genomic clone Plate=2052 Col=3 Row=O, genomic survey sequence.//1.2e-23:255:75//AQ231087
R-MAMMA1002698//Homo sapiens Xp22-132-134 BAC GSHB-590J15 (Genome Systems Human BAC library)

complete sequence//1.1e-38:299:83//AC004673
R-MAMMA1002699//Mus musculus intersectin-EH binding protein lbp1 mRNA, partial cds.//3.3e-05:61:93//
AF057285
R-MAMMA1002701//Homo sapiens gene for AF-6, complete cds.//3.5e-39:317:81//AB011399
5 R-MAMMA1002708//Homo sapiens 12p13.3 PAC RPCI5-977L1 (Roswell Park Cancer Institute Human PAC li-
brary) complete sequence//0.26:365:62//AC005293
R-MAMMA1002711//Homo sapiens chromosome 21 PAC LLNLP704F18108Q13//2.5e-31:304:77//AJ006995
R-MAMMA1002721//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 473B4, WORKING
DRAFT SEQUENCE//2.3e-40:279:87//Z83826
10 R-MAMMA1002727//Plasmodium falciparum 3D7 chromosome 12 PFYAC588 genomic sequence, WORKING
DRAFT SEQUENCE, 2 unordered pieces.//0.45:183:64//AC004710
R-MAMMA1002728//Human Chromosome 11 Overlapping Cosmids cSRL72g7 and cSRL140b8, complete se-
quence//1.1e-42:410:74//AC002037
R-MAMMA1002744//Human chromosome 8 BAC clone CIT987SK-2A8 complete sequence.//1.6e-19:473:63//
15 U96629
R-MAMMA1002746//Homo sapiens chromosome 17, clone hRPK.136_H_19, complete sequence//2.2e-108:544:
97//AC005856
R-MAMMA1002748//Homo sapiens 3p22 Contig 7 PAC RPCI4-672N11 (Roswell Park Cancer Institute Human
PAC Library) complete sequence//5.9e-106:551:95//AC006055
20 R-MAMMA1002754//Homo sapiens clone GS259H13, WORKING DRAFT SEQUENCE, 4 unordered pieces.//
1.7e-34:305:79//AC005020
R-MAMMA1002758//Homo sapiens ccr2b (ccr2), ccr2a (ccr2), ccr5 (ccr5) and ccr6 (ccr6) genes, complete cds,
and lactoferrin (lactoferrin) gene, partial cds, complete sequence.//0.00014:130:74//U95626
R-MAMMA1002764//Homo sapiens chromosome 19, cosmid R33632, complete sequence.//8.7e-10:118:81//
25 AC005781
R-MAMMA1002765//Homo sapiens chromosome 19, cosmid F20900, complete sequence.//1.2e-31:290:78//
AC006128
R-MAMMA1002769//Human DNA sequence from PAC 36J3, between markers DXS1192 and DXS102 on chro-
mosome X.//0.94:260:62//Z82975
30 R-MAMMA1002780//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 620E11, WORKING
DRAFT SEQUENCE//2.6e-21:529:62//AL031667
R-MAMMA1002782//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 199H16, WORKING
DRAFT SEQUENCE//2.8e-30:234:72//AL022320
R-MAMMA1002796//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 237J2, WORKING
35 DRAFT SEQUENCE//1.0:155:66//AL021394
R-MAMMA1002807//Human DNA sequence from BAC 941F9 on chromosome 22q11.2-qter. Contains ESTs, STSs
and 3' part of FIBULIN-1 D PRECURSOR like gene, part of a Brain Protein E46 like gene and a CpG island,
complete sequence.//5.0e-42:443:75//Z95331
R-MAMMA1002820//345M16.TVB CIT978SKA1 Homo sapiens genomic clone A-345M16, genomic survey se-
40 quence.//1.3e-14:95:87//B17487
R-MAMMA1002830//Human PAC clone DJ515N1 from 22q11.2-q22, complete sequence//4.1 e-20:223:74//
AC002073
R-MAMMA1002833//Homo sapiens Xp22 bins 3-5 PAC RPCI4-617A9 (Roswell Park Cancer Institute Human PAC
Library) containing Arylsulfatase D and E genes, complete sequence.//1.8e-37:295:84//AC005295
45 R-MAMMA1002835
R-MAMMA1002838//Human gene hY3 encoding a cytoplasmic Ro RNA.//4.4e-14:108:92//V00585
R-MAMMA1002842//CIT-HSP-2017022.TRB CIT-HSP Homo sapiens genomic clone 2017022, genomic survey
sequence.//5.2e-43:168:85//B67141
R-MAMMA1002843//Homo sapiens clone GS051M12, complete sequence.//8.7e-44:525:71//AC005007
50 R-MAMMA1002844
R-MAMMA1002858//H.sapiens ERF-1 mRNA 3' end.//2.8e-99:361:91//X79067
R-MAMMA1002868//Homo sapiens clone DJ0852O24, WORKING DRAFT SEQUENCE, 2 unordered pieces.//
9.6e-39:288:81//AC004906
R-MAMMA1002871//Homo sapiens BAC clone NH0539B24 from 7p15.1-p14, complete sequence//0.0022:490:
55 57//AC006044
R-MAMMA1002880//Homo sapiens Xp22 Bins 35-37 BAC GSHB-214D18 (Genome Systems Human BAC Library)
complete sequence.//1.3e-09:143:76//AC005296
R-MAMMA1002881//Human thymopoietin (TMPO) gene, partial exon 6, complete exon 7, partial exon 8, and partial

cds for thymopoietin beta.//5.1e-41:264:87//U18271
 R-MAMMA1002886//Homo sapiens DNA sequence from PAC 168L15 on chromosome 6q26-27. Contains RSK3 gene, ribosomal protein S6 kinase, EST, GSS, STS. CpG island, complete sequence.//4.7e-32:216:90//AL022069
 R-MAMMA1002887
 5 R-MAMMA1002890
 3.4e-49:376:81//AG006257
 R-MAMMA1002892//Homo sapiens PAC clone DJ0765G07 from 7q11, complete sequence.//6.0e-60:344:79//AC004881
 R-MAMMA1002895//RPCI11-90K13.TV RPCI11 Homo sapiens genomic clone R-90K13, genomic survey sequence.//2.1e-34:300:77//AQ283502
 10 R-MAMMA1002908//Human Chromosome X, complete sequence.//4.2e-39:297:85//AC004070
 R-MAMMA1002909//*** SEQUENCING IN PROGRESS *** Homo sapiens chromosome 4, BAC clone C0442P12; HTGS phase 1, WORKING DRAFT SEQUENCE, 5 unordered pieces.//3.4e-23:344:74//AC005798
 R-MAMMA1002930//Homo sapiens PAC clone DJ1048B16 from 7q34-q36, complete sequence.//5.2e-39:261:88//AC006019
 15 R-MAMMA1002938//C.pasteurianum gap gene.//1.0:343:59//X72219
 R-MAMMA1002941//Homo sapiens chromosome 17, clone hRPK.346_K_10, complete sequence.//6.3e-88:556:87//AC006120
 R-MAMMA1002947
 20 0.48:156:69//AC005469
 R-MAMMA1002964//Human DNA sequence from PAC 426I6 on chromosome 1p34.1-1p35. Contains NIPP-1-like gene a nuclear inhibitor of protein phosphatase-1, ESTs, and a CA repeat.//1.2e-39:473:73//AL020997
 R-MAMMA1002970//Homo sapiens chromosome 5, P1 clone 793c5 (LBNL H57), complete sequence.//4.7e-47:420:77//AC005200
 25 R-MAMMA1002972//alpha 1 syntrophin [human, mRNA Partial, 1771 nt] .//0.97:305:62//S81737
 R-MAMMA1002973//Human DNA sequence from cosmid V210E9, between markers DXS366 and DXS87 on chromosome X.//2.6e-35:256:85//Z70280
 R-MAMMA1002982 1.0e-27:110:85//AG005524
 R-MAMMA1002987//Homo sapiens PAC clone DJ1086D14, complete sequence.//1.4e-28:527:66//AC004460
 30 R-MAMMA1003003//Homo sapiens chromosome 10 clone CRI-JC2059 map 10q24.1-10q24.2, WORKING DRAFT SEQUENCE, 1 ordered pieces.//7.9e-48:418:78//AC006109
 R-MAMMA1003004//, complete sequence.//2.0e-12:442:61//AC005406
 R-MAMMA1003007//Homo sapiens chromosome 10 clone CRI-JC2059 map 10q24.1-10q24.2, WORKING DRAFT SEQUENCE, 1 ordered pieces.//1.7e-48:293:91//AC006109
 35 R-MAMMA1003011//A-306G8.TP CIT978SK Homo sapiens genomic clone A-306G8, genomic survey sequence.//0.45:168:64//B18092
 R-MAMMA1003015//Homo sapiens chromosome 5p, BAC clone 50g21 (LBNL H154), complete sequence.//2.9e-44:399:77//AC005740
 R-MAMMA1003019//RPCI11-9J9.TV RPCI-11 Homo sapiens genomic clone RPCI-11-9J9, genomic survey sequence.//2.7e-14:294:68//B71583
 40 R-MAMMA1003026//HS_2166_B2_C12_MF CIT Approved Human Genomic Sperm Library D Homo sapiens genomic clone Plate=2166 Col=24 Row=F, genomic survey sequence.//0.021:189:64//AQ125639
 R-MAMMA1003031//Homo sapiens chromosome 5, BAC clone 319C17 (LBNL H159), complete sequence.//1.8e-98:525:95//AC005214
 45 R-MAMMA1003035//Homo sapiens 12q13.1 Cosmid C174F5 (Lawrence Livermore LL12NC01 or LL12NC02 human cosmid libraries) complete sequence.//6.7e-06:297:63//AC004550
 R-MAMMA1003039//RPCI11-56J17.TJ RPCI11 Homo sapiens genomic clone R-56J17, genomic survey sequence.//0.21:375:59//AQ081889
 R-MAMMA1003040//Human DNA sequence from cosmid L108f12, Huntington's Disease Region, chromosome 4p16.3.//2.7e-29:298:67//Z49235
 50 R-MAMMA1003044//Homo sapiens chromosome 19, cosmid R30676, complete sequence.//2.9e-14:113:91//AC004560
 R-MAMMA1003047
 R-MAMMA1003049
 55 R-MAMMA1003055//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 377F16, WORKING DRAFT SEQUENCE.//2.3e-45:317:86//Z93783
 R-MAMMA1003056//Homo sapiens chromosome 19, cosmid R34275, complete sequence.//1.0:229:63//AC005305

- R-MAMMA1003057//M.domesticus MD6 mRNA//6.2e-42:326:82//X54352
 R-MAMMA1003066//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 473B4, WORKING DRAFT SEQUENCE //3.1e-49:299:87//Z83826
 R-MAMMA1003089//Homo sapiens BAC clone RG298G08 from 7p15-p21, complete sequence //2.7e-30:520:67//
 5 AC005084
 R-MAMMA1003099//RPCI11-8N9.TP RPCI-11 Homo sapiens genomic clone RPCI-11-8N9, genomic survey sequence //4.2e-44:338:82//B71494
 R-MAMMA1003104//Mus musculus rostral cerebellar malformation protein (rcm) mRNA, complete cds //3.4e-48:423:79//U72634
 10 R-MAMMA1003113//Homo sapiens chromosome 12p13.3 clone RPCI11-433J6, WORKING DRAFT SEQUENCE, 100 unordered pieces //4.8e-114:567:97//AC006087
 R-MAMMA1003127//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 250D10, WORKING DRAFT SEQUENCE //1.4e-34:283:83//Z99716
 R-MAMMA1003135//P.knowlesi Mbn-cutting sites in lambda KBS50 //0.010:243:62//M38776
 15 R-MAMMA1003140//Homo sapiens chromosome 17, clone HCIT87G17, complete sequence //6.7e-34:288:81//AC003663
 R-MAMMA1003146//Saccharomyces douglasii mitochondrial cytochrome c oxidase subunit I (COXI) gene, complete cds //4.8e-08:438:59//M97514
 R-nnnnnnnnnnnn//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 598F2, WORKING DRAFT SEQUENCE //1.7e-63:149:94//AL021579
 20 R-MAMMA1003166//HS_3128_A1_B01_MR CIT Approved Human Genomic Sperm Library D Homo sapiens genomic clone Plate=3128 Col=1 Row=C, genomic survey sequence //3.0e-17:261:70//AQ140766
 R-NT2RM2002580//Homo sapiens clone 24781 mRNA sequence //2.6e-111:593:94//AF070640
 R-NT2RM4000024
 25 R-NT2RM4000027//Homo sapiens PAC clone DJ1194E14 from 7p21, complete sequence //0.026:476:56//AC004993
 R-NT2RM4000030//Mus musculus sex determining protein (Sry) gene, complete cds //0.00044:378:59//U70653
 R-NT2RM4000046//M.mulatta MHC DR beta 6 gene encoding major histocompatibility complex //0.27:130:64//
 30 Z26239
 R-NT2RM4000061
 R-NT2RM4000085//Homo sapiens clone 24700 unknown mRNA, partial cds //7.2e-112:550:97//AF070639
 R-NT2RM4000086//RPCI11-6J23.TV RPCI-11 Homo sapiens genomic clone RPCI-11-6J23, genomic survey sequence //7.2e-18:277:71//B49463
 35 R-NT2RM4000104//F.rubripes GSS sequence, clone 063K10aG5, genomic survey sequence //3.6e-08:287:51//Z88817
 R-NT2RM4000139//Homo sapiens chromosome 16, cosmid clone 330D11 (LANL), complete sequence //9.4e-08:336:65//AC005199
 R-NT2RM4000155
 40 R-NT2RM4000156//Homo sapiens chromosome 17, clone hRPK.136_H_19, complete sequence //3.4e-23:335:72//AC005856
 R-nnnnnnnnnnnn//Mouse kif4 mRNA for microtubule-based motor protein KIF4, complete cds //1.6e-87:551:87//D12646
 R-NT2RM4000169//Human ribosomal protein L37a mRNA sequence //5.9e-14:122:88//L22154
 45 R-NT2RM4000191
 R-NT2RM4000197//HS_3241_A2_H05_MR CIT Approved Human Genomic Sperm Library D Homo sapiens genomic clone Plate=3241 Col=10 Row=O, genomic survey sequence //2.8e-86:430:97//AQ206812
 R-NT2RM4000199//Mus musculus Yp BAC GSMB-368G7 (Genome Systems Mouse BAC Library) complete sequence //0.0047:193:63//AC006056
 50 R-NT2RM4000200
 R-NT2RM4000202//Homo sapiens chromosome 16, cosmid clone 378E2 (LANL), complete sequence //2.1e-40:334:76//AC004035
 R-NT2RM4000210//Homo sapiens mRNA for KIAA0712 protein, complete cds //5.2e-102:546:94//AB018255
 R-NT2RM4000215
 55 R-nnnnnnnnnnnn//Homo sapiens chromosome 10 clone CIT987SK-1144G6 map 10q25.1, complete sequence //2.1e-55:303:86//AC005383
 R-NT2RM4000233//Struthio camelus microsatellite sequence OSM 7 //1.2e-07:198:67//AF003735
 R-NT2RM4000244//Homo sapiens chromosome 19, BAC CIT-B-393i15 (BC301323), complete sequence //1.7e-

49:322:88//AC000116
R-NT2RM4000251//Homo sapiens Chromosome 22q11.2 BAC Clone 72f8 In DGCR Region, complete sequence.//0.97:184:66//AC000085
R-NT2RM4000265//Human PAC clone DJ073F11 from Xq23, complete sequence.//6.2e-66:552:78//AC000055
5 R-NT2RM4000290//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 39417, WORKING DRAFT SEQUENCE.//1.4e-05:229:65//AL023585
R-NT2RM4000324
R-NT2RM4000327//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 75N14, WORKING DRAFT SEQUENCE.//3.3e-42:443:75//Z97199
10 R-NT2RM4000344//Homo sapiens clone DJ0309D19, WORKING DRAFT SEQUENCE, 12 unordered pieces.//6.4e-64:433:84//AC004826
R-NT2RM4000349//Human mRNA for KIAA0005 gene, complete cds.//7.7e-11:210:69//D13630
R-NT2RM4000354//Caenorhabditis elegans cosmid T14A8.//0.084:257:60//U50066
R-NT2RM4000356
15 R-NT2RM4000366//Homo sapiens mRNA for KIAA0642 protein, partial cds.//8.7e-112:577:95//AB014542
R-NT2RM4000368
1.6e-48:348:85//AG006257
R-NT2RM4000386//Rat mRNA for growth potentiating factor, complete cds.//4.4e-35:141:87//D42148
R-NT2RM4000395//RPCI11-8N9.TP RPCI-11 Homo sapiens genomic clone RPCI-11-8N9, genomic survey sequence.//1.4e-25:207:75//871494
20 R-NT2RM4000414//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 228H13, WORKING DRAFT SEQUENCE.//7.1e-17:492:64//AL031985
R-NT2RM4000421//RPCI11-66B1.TK RPCI11 Homo sapiens genomic clone R-66B1, genomic survey sequence.//1.8e-40:311:82//AQ241167
25 R-NT2RM4000425//Homo sapiens chromosome Xp22-135-136 clone GSHB-56711, WORKING DRAFT SEQUENCE, 35 unordered pieces.//2.5e-47:316:87//AC005867
R-NT2RM4000433//Mus musculus retinoic acid-responsive protein (Stra6) mRNA, complete cds.//1.6e-17:133:78//AF062476
R-NT2RM4000457
30 R-NT2RM4000471//Homo sapiens mRNA for putative tRNA splicing protein, partial.//4.6e-113:559:96//AJ010952
R-NT2RM4000486//Homo sapiens mRNA, complete cds, clone:RES4-22C.//0.00015:170:67//AB000461
R-NT2RM4000496
R-NT2RM4000511//Rat troponin T cardiac isoform gene, complete cds.//0.21:290:58//M80829
R-NT2RM4000514//CIT-HSP-2169K4.TR CIT-HSP Homo sapiens genomic clone 2169K4, genomic survey sequence.//1.5e-20:150:89//B95717
35 R-ntntntntntntntntntntnt//HS-1024-B2-G01-MR.abi CIT Human Genomic Sperm Library C Homo sapiens genomic clone Plate=CT 803 Col=2 Row=N, genomic survey sequence.//6.3e-10:74:98//B34556
R-NT2RM4000520//Caenorhabditis elegans cosmid F36H12.//0.15:406:61//AF078790
R-NT2RM4000531
40 R-NT2RM4000532//Plasmodium falciparum chromosome 2, section 28 of 73 of the complete sequence.//1.0:119:66//AE001391
R-NT2RM4000534//paramecium species 4.51er mt dna dimer: replication init. region, clone 2.//9.8e-05:326:60//K00909
R-NT2RM4000585//HS_3252_A2_G08_MR CIT Approved Human Genomic Sperm Library D Homo sapiens genomic clone Plate=3252 Col=16 Row=M, genomic survey sequence.//1.9e-69:376:93//AQ219890
45 R-NT2RM4000590//CIT-HSP-539O24.TV CIT-HSP Homo sapiens genomic clone 539O24, genomic survey sequence.//1.7e-38:226:93//B50657
R-NT2RM4000595//Human Chromosome X clone bWDX342, complete sequence.//1.0:239:61//AC004072
R-NT2RM4000603//RPCI11-49P13.TK RPCI11 Homo sapiens genomic clone R-49P13, genomic survey sequence.//0.77:139:64//AQ051950
50 R-ntntntntntntntntntntnt
R-NT2RM4000712//Homo sapiens clone NH0512E16, complete sequence.//0.54:294:58//AC005039
R-NT2RM4000674
55 R-NT2RM4000689//Mus musculus pericentrin mRNA, complete cds.//3.5e-70:551:80//U05823
R-NT2RM4000698
R-ntntntntntntntntntntnt
R-NT2RM4000712//Homo sapiens clone NH0512E16, complete sequence.//0.54:294:58//AC005039

- R-NT2RM4000717//Plasmodium falciparum MAL3P8, complete sequence//0.050:387:58//AL034560
 R-NT2RM4000733//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 423B22, WORKING
 DRAFT SEQUENCE//1.0e-107:566:95//AL034379
- 5 R-NT2RM4000734//Homo sapiens mRNA for KIAA0760 protein, partial cds//1.1e-103:536:95//AB018303
 R-NT2RM4000741//CIT-HSP-2294N4.TR CIT-HSP Homo sapiens genomic clone 2294N4, genomic survey se-
 quence//5.2e-41:244:93//AQ006361
- R-NT2RM4000751//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 537K23, WORKING
 DRAFT SEQUENCE//2.7e-28:416:67//AL034405
- 10 R-NT2RM4000764//Human HepG2 3' region Mbol cDNA, clone hmd3g01m3//2.1e-33:199:96//D17217
 R-NT2RM4000778//Homo sapiens Xp22 BAC 620F15 (Genome Systems BAC library) complete sequence//
 0.00060:241:62//AC002980
- R-NT2RM4000779//Homo sapiens mRNA for KIAA0451 protein, complete cds//2.9e-104:546:94//AB007920
 R-NT2RM4000787//Homo sapiens, clone hRPK.3_A_1, complete sequence//5.3e-32:321:77//AC006198
 R-NT2RM4000790//Homo sapiens chromosome 19, cosmid R27216, complete sequence//1.9e-111:552:97//
 15 AC005306
- R-NT2RM4000795//Homo sapiens Chromosome 17p13 Cosmid Clone cos39, complete sequence//0.74:364:57//
 U58675
- R-NT2RM4000796//Homo sapiens full-length insert cDNA clone ZD62D10//2.7e-105:510:98//AF086348
 R-NT2RM4000798//Human polymorphic epithelial mucin core protein mRNA, 3' end//7.7e-27:158:96//M21868
- 20 R-NT2RM4000813
 R-NT2RM4000820//, complete sequence//2.0e-104:432:97//AC005406
 R-NT2RM4000833//Arabidopsis thaliana genomic DNA, chromosome 5, P1 clone: MX122, complete sequence//
 2.0e-07:166:68//AB012248
- R-NT2RM4000848//Rabies virus matrix (M) protein mRNA, complete cds//0.073:70:84//M22013
- 25 R-NT2RM4000852//Plasmodium falciparum 3D7 chromosome 12 PFYAC1122 genomic sequence, WORKING
 DRAFT SEQUENCE, 3 unordered pieces//1.0:237:62//AC004709
- R-NT2RM4000855
 R-nnnnnnnnnnn//HS_3189_B2_B08_T7 CIT Approved Human Genomic Sperm Library D Homo sapiens genom-
 ic clone Plate=3189 Col=16 Row=D, genomic survey sequence//2.1e-06:114:73//AQ300597
- 30 R-NT2RM4000895//Pan troglodytes HS19.8-similar locus and Y Alu element, genomic survey sequence//3.8e-
 46:207:91//AF077058
- R-NT2RM4000950//Human BAC clone RG341D10 from 7p15-p21, complete sequence//1.0:336:60//AC002530
 R-NT2RM4000971//Human Xq28 cosmids U126G1, U142F2, U69B6, U145C10, U169A5, U84H1, U24D12,
 U80A7, U153E6, L35485, and R7-163A8 containing iduronate 2-sulfatase gene and pseudogene, complete se-
 35 quence//7.1e-09:259:64//AF011889
- R-NT2RM4000979
 R-NT2RM4000996//HS_3164_A1_E02_T7 CIT Approved Human Genomic Sperm Library D Homo sapiens ge-
 nomic clone Plate=3164 Col=3 Row=I, genomic survey sequence//2.0e-82:443:94//AQ141622
- R-NT2RM4001002//Homo sapiens mRNA for KIAA0729 protein, partial cds//1.2e-112:545:97//AB018272
- 40 R-NT2RM4001016//Homo sapiens mRNA for KIAA0639 protein, partial cds//7.9e-113:556:97//AB014539
 R-NT2RM4001032//Homo sapiens Surf-5 and Surf-6 genes//1.2e-10:120:82//AJ224639
- R-NT2RM4001047//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 163G9, WORKING
 DRAFT SEQUENCE//1.0:158:67//AL008733
- 45 R-NT2RM4001054//CIT-HSP-2292N8.TR CIT-HSP Homo sapiens genomic clone 2292N8, genomic survey se-
 quence//5.8e-19:118:97//AQ004096
- R-nnnnnnnnnnn//Mouse DNA with homology to EBV IR3 repeat, segment 1, clone Mu2//1.0e-05:271:64//
 M10296
- R-NT2RM4001092//CITBI-E1-2524J20.TR CITBI-E1 Homo sapiens genomic clone 2524J20, genomic survey se-
 quence//1.0:186:63//AQ277294
- 50 R-NT2RM4001116
 R-NT2RM4001140//Homo sapiens PAC clone DJ0964C11 from 7p14-p15, complete sequence//3.6e-79:468:90//
 AC004593
- R-NT2RM4001151//HS_2270_B1_E05_MF CIT Approved Human Genomic Sperm Library D Homo sapiens ge-
 nomic clone Plate=2270 Col=9 Row=J, genomic survey sequence//5.5e-62:312:98//AQ163739
- 55 R-NT2RM4001155//Homo sapiens chromosome 12p13.3 clone RPC14-816N1, WORKING DRAFT SEQUENCE,
 31 unordered pieces//1.4e-107:536:97//AC005841
- R-NT2RM4001160//HS_3015_B1_H10_T7 CIT Approved Human Genomic Sperm Library D Homo sapiens ge-
 nomic clone Plate=3015 Col=19 Row=P, genomic survey sequence//7.1e-35:201:95//AQ118712

- R-NT2RM4001187//X.laevis xUBFbeta2 mRNA for upstream binding factor 1.//0.019:177:63//X57201
R-NT2RM4001191//HS_3002_A1_F05_MF CIT Approved Human Genomic Sperm Library D Homo sapiens genomic clone Plate=3002 Col=9 Row=K, genomic survey sequence.//3.9e-33:230:75//AQ088791
R-NT2RM4001200//Homo sapiens full-length insert cDNA clone YL35H03.//7.5e-69:335:99//AF085857
- 5 R-NT2RM4001203
R-NT2RM4001204
R-NT2RM4001217
R-NT2RM4001256
R-NT2RM4001258
- 10 R-NT2RM4001309
R-NT2RM4001313//Homo sapiens 12q24.1 PAC RPCI1-71H24 (Roswell Park Cancer Institute Human PAC library) complete sequence.//0.00055:183:63//AC004551
R-NT2RM4001316//Homo sapiens chromosome 17, clone hCIT.117_K_16, complete sequence.//4.5e-21:212:79//AC004757
- 15 R-NT2RM4001320//CIT-HSP-2303E22.TR CIT-HSP Homo sapiens genomic clone 2303E22, genomic survey sequence.//3.8e-30:86:89//AQ021084
R-NT2RM4001340
0.0027:493:60//AC005133
R-NT2RM4001344
- 20 R-NT2RM4001347//CITBI-E1-2506I20.TR CITBI-E1 Homo sapiens genomic clone 2506I20, genomic survey sequence.//6.5e-16:1.01:99//AQ262797
R-NT2RM4001371//CITBI-E1-2503G21.TR CITBI-E1 Homo sapiens genomic clone 2503G21, genomic survey sequence.//0.063:140:65//AQ265776
R-NT2RM4001382//HS_3044_A1_F02_MR CIT Approved Human Genomic Sperm Library D Homo sapiens genomic clone Plate=3044 Col=3 Row=K, genomic survey sequence.//0.96:103:66//AQ098668
- 25 R-NT2RM4001384//R.norvegicus mRNA for dendrin.//8.5e-07:120:75//Y09000
R-NT2RM4001410//Bovine cytochrome P450-scc mRNA fragment.//2.3e-15:199:75//M25920
R-NT2RM4001411//Rattus norvegicus FceRI gamma-chain interacting protein SH2-B (SH2-B) mRNA, complete cds.//1.7e-55:235:83//U57391
- 30 R-NT2RM4001412
R-NT2RM4001414//Homo sapiens Xp22 Cosmids U98B4 and U24F2 (Lawrence Livermore human cosmid library) complete sequence.//1.7e-80:489:89//U69730
R-NT2RM4001437//RPCI11-56D2.TJ RPCI11 Homo sapiens genomic clone R-56D2, genomic survey sequence.//3.8e-43:250:93//AQ081969
- 35 R-NT2RM4001444//Homo sapiens Xp22-171-173 BAC GSHB-312I4 (Genome Systems Human BAC Library) complete sequence.//0.0034:224:63//AC005926
R-NT2RM4001454//Homo Sapiens Chromosome X clone bWDXD90, complete sequence.//2.4e-33:360:68//AC004075
R-NT2RM4001455//HS_3229_B1_E04_MR CIT Approved-Human Genomic Sperm Library D Homo sapiens genomic clone Plate=3229 Col=7 Row=J, genomic survey sequence.//1.0:183:61//AQ191289
- 40 R-NT2RM4001483//Homo sapiens clone DJ0826E18, WORKING DRAFT SEQUENCE, 4 unordered pieces.//2.2e-51:451:79//AC005282
R-NT2RM4001489//Homo sapiens mRNA for KIAA0685 protein, complete cds.//2.2e-102:547:93//AB014585
R-NT2RM4001519//HS_2208_A1_F07_MR CIT Approved Human Genomic Sperm Library D Homo sapiens genomic clone Plate=2208 Col=13 Row=K, genomic survey sequence.//0.25:214:63//AQ091836
- 45 R-NT2RM4001522//H.sapiens gene for Cu/Zn-superoxide dismutase.//3.6e-13:246:70//Z29336
R-NT2RM4001557//Plasmodium falciparum MAL3P4, complete sequence.//0.055:320:58//AL008970
R-NT2RM4001565//Homo sapiens chromosome 12p13.3 clone RPCI11-189M20, WORKING DRAFT SEQUENCE, 39 unordered pieces.//3.9e-26:329:72//AC005910
- 50 R-NT2RM4001566//Human trophinin mRNA, complete cds.//6.3e-38:296:86//U04811
R-NT2RM4001569//Human DNA sequence from clone 461P17 on chromosome 20q12-13.2. Contains four novel (pseudo)genes for proteins with Kunitz/Bovine pancreatic trypsin inhibitor and/or WAP-type (Whey Acidic Protein) 'four-disulfide core' domains, COX6C (Cytochrome C Oxidase Polypeptide VIC, EC 1.9.3.1) and RPL5 (60S Ribosomal Protein L5) pseudogenes, a pseudogene similar to part of the HSPD1 (HSP60, Mitochondrial Matrix Protein P1 precursor, Heat Shock Protein 60, GROEL protein, HUCHA60) gene, and the Major Epididymis-specific protein E4 precursor (HE4, Epididymis Secretory protein E4, WAP-type (Whey Acidic Protein) 'four-disulfide core' domain) gene. Contains ESTs, an STS, GSSs and a putative CpG island, complete sequence.//2.0e-35:213:89//AL031663
- 55

- R-NT2RM4001582//Mus musculus COP9 complex subunit 7b (COPS7b) mRNA, complete cds//5.4e-60:558:77//AF071317
- R-ntnnnnnnnnnn//M.musculus mRNA of enhancer-trap-locus 1//4.8e-86:565:85//X69942
- R-NT2RM4001594//Human interleukin-13 (IL-13) precursor gene, complete cds//0.083:283:61//U31120
- 5 R-NT2RM4001597//HS_2059_A1_G11_MR CIT Approved Human Genomic Sperm Library D Homo sapiens genomic clone Plate=2059 Col=21 Row=M, genomic survey sequence//4.4e-09:105:83//AQ245136
- R-NT2RM4001605//Homo sapiens mRNA for KIAA0791 protein, complete cds//6.7e-111:565:95//AB018334
- R-NT2RM4001611//Homarus americanus ryanodine receptor (RyR) mRNA, partial cds//1.0:364:61//AF051936
- 10 R-NT2RM4001629//RPC11-54G14.TJ RPC11 Homo sapiens genomic clone R-54G14, genomic survey sequence//0.0018:347:61//AQ083173
- R-NT2RM4001650
- R-NT2RM4001662//Homo sapiens DNA sequence from PAC 159A15 on chromosome Xp11.21-p11.23. Contains inter-alpha-trypsin inhibitor heavy chain H3 precursor-like protein//0.75:212:62//AL022575
- R-NT2RM4001666//Homo sapiens Chromosome 16 BAC clone CIT987SK-A-233A8, complete sequence//2.6e-26:461:65//AC004685
- 15 R-NT2RM4001682//Human DNA sequence from clone 30M3 on chromosome 6p22.1-22.3. Contains three novel genes, one similar to C. elegans Y63D3A.4 and one similar to (predicted) plant, worm, yeast and archaea bacterial genes, and the first exon of the KIAA0319 gene. Contains ESTs, GSSs and putative CpG islands, complete sequence//1.5e-107:544:96//AL031775
- 20 R-NT2RM4001710//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 126A5, WORKING DRAFT SEQUENCE//1.8e-110:580:95//AL031447
- R-NT2RM4001714//Plasmodium falciparum 3D7 chromosome 12 PFYAC812 genomic sequence, WORKING DRAFT SEQUENCE, 8 unordered pieces//3.1e-10:543:59//AC004153
- R-ntnnnnnnnnnn//Human DNA sequence from clone 931K24 on chromosome 20p12 Contains ESTs and GSSs,
- 25 complete sequence//8.7e-111:577:94//AL034430
- R-NT2RM4001731//Ovis aries dinucleotide repeat polymorphism at MAF92 locus//0.017:93:73//M80527
- R-NT2RM4001741//Mouse mRNA for talin//2.4e-34:273:83//X56123
- R-NT2RM4001746//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 316G12, WORKING DRAFT SEQUENCE//1.7e-112:567:96//AL031709
- 30 R-NT2RM4001754//Homo sapiens PAC clone 248O15 from 13q12-q13, complete sequence//1.4e-64:475:83//AC002483
- R-NT2RM4001758//R.norvegicus mRNA for serine/threonine kinase MARK1//1.9e-18:202:78//Z83868
- R-NT2RM4001776//Homo sapiens mRNA for KIAA0727 protein, partial cds//2.0e-22:236:80//AB018270
- R-NT2RM4001783//Homo sapiens clone DJ0981O07, complete sequence//4.4e-106:551:95//AC006017
- 35 R-NT2RM4001810//T28D3TF TAMU Arabidopsis thaliana genomic clone T28D3, genomic survey sequence//0.76:279:60//B27099
- R-NT2RM4001813
- R-NT2RM4001823
- R-NT2RM4001828//HS_3073_A2_E01_MF CIT Approved Human Genomic Sperm Library D Homo sapiens genomic clone Plate=3073 Col=2 Row=I, genomic survey sequence//1.6e-46:255:96//AQ121030
- 40 R-NT2RM4001836//Sus scrofa microsatellite S0398 sequence//9.4e-06:141:69//U78024
- R-NT2RM4001841//Salmo salar microsatellite Ssa65 DNA//1.5e-06:175:65//AF019184
- R-NT2RM4001842//Homo sapiens clone RG228D17, WORKING DRAFT SEQUENCE, 2 unordered pieces//5.0e-07:332:61//AC005077
- 45 R-NT2RM4001856//Mus musculus clone OST16642, genomic survey sequence//4.8e-30:235:85//AF046633
- R-ntnnnnnnnnnn//Hs_3244_B1_F10_MR CIT Approved Human Genomic Sperm Library D Homo sapiens genomic clone Plate=3244 Col=19 Row=L, genomic survey sequence//3.0e-40:263:89//AQ252798
- R-NT2RM4001865//Homo sapiens mRNA for atopy related autoantigen CALC//5.0e-119:592:97//Y17711
- R-NT2RM4001876//Megastigmus wachtlei dinucleotide microsatellite, clone
- 50 MWA47CT//0.13:134:64//AJ001069
- R-NT2RM4001880
- R-NT2RM4001905//HS_2016_B1_H11_T7 CIT Approved Human Genomic Sperm Library D Homo sapiens genomic clone Plate=2016 Col=21 Row=P, genomic survey sequence//0.0066:264:59//AQ226877
- R-NT2RM4001922//HS_2228_B2_B07_MF CIT Approved Human Genomic Sperm Library D Homo sapiens genomic clone Plate=2228 Col=14 Row=D, genomic survey sequence//2.5e-35:205:96//AQ065498
- 55 R-NT2RM4001930//Homo sapiens chromosome 17, clone hRPC.34_M_24, complete sequence//0.26:325:63//AC004562
- R-NT2RM4001938//Homo sapiens chromosome 17, clone hRPC.1081_P_3, complete sequence//2.9e-85:421:

- 98//AC005207
 R-NT2RM4001940//Homo sapiens timeless homolog mRNA, complete cds.//6.2e-109:556:95//AF098162
 R-NT2RM4001953//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 473B4, WORKING
 DRAFT SEQUENCE.//1.3e-08:175:70//Z83826
- 5 R-NT2RM4001965//CIT-HSP-385N14.TR CIT-HSP Homo sapiens genomic clone 385N14, genomic survey se-
 quence.//5.7e-69:532:81//B55044
 R-nnnnnnnnnnnn//R.norvegicus mRNA for IP63 protein.//1.9e-61:352:83//X99330
 R-NT2RM4001979//Homo sapiens full-length insert cDNA clone ZD29F04.//1.1e-98:465:100//AF086241
 R-NT2RM4001984//Borrelia burgdorferi (section 47 of 70) of the complete genome.//0.14:461:60//AE001161
- 10 R-NT2RM4001987
 R-NT2RM4002013
 R-NT2RM4002018
 R-NT2RM4002034//Homo sapiens chromosome 5, BAC clone 24p24 (LBNL H195), complete sequence.//3.6e-
 42:277:89//AC005353
- 15 R-NT2RM4002044//Homo sapiens PAC clone DJ1102B04 from 7q11.23-7q21, complete sequence.//0.83:476:57//
 AC006204
 R-NT2RM4002054
 R-NT2RM4002062//Human microsomal epoxide hydrolase gene, exons 5 and 6.//0.11:136:67//U06659
 R-NT2RM4002063//Oryctolagus cuniculus sarcosine oxidase (SOX) mRNA, complete cds.//2.9e-99:503:96//
 U82267
- 20 R-nnnnnnnnnnnn//Homo sapiens CAGH45 mRNA, complete cds.//9.6e-41:554:68//U80742
 R-NT2RM4002067//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 329A5, WORKING
 DRAFT SEQUENCE.//7.7e-64:476:81//Z97832
 R-NT2RM4002073//Mus musculus fatty acid transport protein 3 mRNA, partial cds.//1.1e-33:238:85//AF072758
- 25 R-NT2RM4002075//Plasmodium falciparum 3D7 chromosome 12 PFYAC1383 genomic sequence, WORKING
 DRAFT SEQUENCE, 3 unordered pieces.//0.0031:403:57//AC005504
 R-NT2RM4002093//Human Chromosome 11 pac pDJ227b23, WORKING DRAFT SEQUENCE, 19 unordered
 pieces.//9.4e-07:322:62//AC000383
 R-nnnnnnnnnnnn//Mouse kif4 mRNA for microtubule-based motor protein KIF4, complete cds.//5.6e-44:432:74//
 D12646
- 30 R-NT2RM4002128//Human HepG2 partial cDNA, clone hmd2e12m5.//2.0e-26:186:90//D17000
 R-NT2RM4002140
 R-NT2RM4002145//Homo sapiens full-length insert cDNA clone ZD38E12.//1.4e-15:193:76//AF086247
 R-NT2RM4002146//Human ABL gene, intron 1b, partial sequence.//0.66:170:63//U07562
- 35 R-NT2RM4002161//Homo sapiens laforin (EPM2A) mRNA, partial cds.//4.5e-110:560:96//AF084535
 R-NT2RM4002174//Homo sapiens chromosome 17, clone hRPK.74_E_22, complete sequence.//8.0e-43:302:85//
 AC005696
 R-NT2RM4002189
 R-NT2RM4002194//Human Cosmid g5129g129 from 7q31.3, complete sequence.//0.29:382:60//AC003960
- 40 R-NT2RM4002205//Spiroplasma virus (SpV1-R8A2 B) complete genome.//3.5e-05:432:56//X51344
 R-NT2RM4002213
 R-NT2RM4002226//Homo sapiens chromosome 17, clone HCIT187M2, complete sequence.//0.94:198:61//
 AC004448
 R-NT2RM4002251
- 45 R-NT2RM4002256//Homo sapiens PAC clone DJ0570D02 from 7p13-p14, complete sequence.//2.3e-58:299:85//
 AC004837
 R-NT2RM4002266//H.sapiens CpG island DNA genomic MseI fragment, clone 179f11, forward read
 cpg179f11.ft1a.//0.72:97:69//Z57487
 R-NT2RM4002278//Homo sapiens clone RG140B11, WORKING DRAFT SEQUENCE, 1 unordered pieces.//7.5e-
 49:405:84//AC005069
- 50 R-NT2RM4002281//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 702J19, WORKING
 DRAFT SEQUENCE.//1.7e-13:168:77//AL033531
 R-NT2RM4002287
 R-NT2RM4002294//Homo Sapiens Chromosome X clone bWXd171, WORKING DRAFT SEQUENCE, 1 ordered
 pieces.//0.98:208:65//AC004676
- 55 R-NT2RM4002301//HS_2028_A1_E10_T7 CIT Approved Human Genomic Sperm Library D Homo sapiens ge-
 nomic clone Plate=2028 Col=19 Row=1, genomic survey sequence.//0.94:321:57//AQ233262
 R-NT2RM4002323//Human DNA sequence from clone 59B16 on chromosome 6p22.1-22.3. Contains a pseudo-

- gene similar to GPIISG20 and other exonucleases). Contains ESTs, STSs, GSSs, genomic markers D6S1691 and D6S299 and a ca repeat polymorphism, complete sequence //1.9e-35:265:84//AL032822
- R-nnnnnnnnnnnn//Human mRNA for KIAA0319 gene, complete cds //2.4e-42:569:68//AB002317
- 5 R-NT2RM4002344//Plasmodium falciparum 3D7 chromosome 12 PFYAC1122 genomic sequence, WORKING DRAFT SEQUENCE, 3 unordered pieces //0.013:391:59//AC004709
- R-NT2RM4002373//Homo sapiens mRNA for KIAA0649 protein, complete cds //8.6e-121:593:97//AB014549
- R-NT2RM4002374//Human DNA sequence from cosmid U131B10, between markers DXS366 and DXS87 on chromosome X contains XK membrane transport protein, ESTs and STS //3.8e-44:258:86//Z73417
- 10 R-NT2RM4002383//Human Chromosome 15q26.1 PAC clone pDJ10k5 containing human DNA polymerase gamma (polg) gene, complete sequence //0.00084:345:60//AC005316
- R-NT2RM4002390
- R-NT2RM4002409//RPC11-45M10.TK RPC111 Homo sapiens genomic clone R-45M10, genomic survey sequence //0.99:151:66//AQ194411
- R-NT2RM4002438
- 15 R-NT2RM4002446//Human DNA sequence from clone 360A4 on chromosome 16. Contains ESTs, complete sequence //2.8e-103:533:95//AL031008
- R-NT2RM4002452
- R-NT2RM4002457//Homo sapiens chromosome 16, cosmid clone 321D4 (LANL), complete sequence //0.99:171:64//AC004034
- 20 R-NT2RM4002460//Human DNA sequence from PAC 50A13 on chromosome Xp11. Contains ATP SYNTHASE LIPID BINDING PROTEIN P1 (P2, P3) precursor (ATP5G1, ATP5G2, ATP5G3) like pseudogene, ESTs and STSs. Contains polymorphic CA repeat //0.96:94:71//Z92545
- R-NT2RM4002479//Homo sapiens RNA helicase-related protein mRNA, complete cds //2.9e-102:508:97//AF083255
- 25 R-NT2RM4002482//Homo sapiens mRNA for KIAA0691 protein, complete cds //7.0e-31:172:98//AB014591
- R-NT2RM4002493//CIT-HSP-2296C24.TF CIT-HSP Homo sapiens genomic clone 2296C24, genomic survey sequence //0.46:182:62//AQ006882
- R-NT2RM4002499//Human v-fos transformation effector protein (Fte-1), mRNA complete cds //7.3e-24:134:99//M84711
- 30 R-NT2RM4002504//Homo sapiens Xq28 BAC PAC and cosmid clones containing FMR2 gene exons 1,2, and 3, complete sequence //3.9e-11:334:63//AC002368
- R-nnnnnnnnnnnn
- R-NT2RM4002532//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 341D10, WORKING DRAFT SEQUENCE //3.4e-17:171:79//Z97985
- 35 R-NT2RM4002534
- R-NT2RM4002567//Homo sapiens chromosome 7 clone UWGC:g1564a040 from 7p14-15, complete sequence //2.2e-26:181:76//AC005271
- R-NT2RM4002571
- R-NT2RM4002593//CIT-HSP-2303L15.TF CIT-HSP Homo sapiens genomic clone 2303L15, genomic survey sequence //0.034:73:82//AQ015579
- 40 R-NT2RM4002623//Homo sapiens clone UWGC:g1564a209 from 7p14-15, complete sequence //0.0014:670:55//AC005862
- R-NT2RP2000001//Plasmodium falciparum chromosome 2, section 59 of 73 of the complete sequence //0.00087:251:59//AE001422
- 45 R-NT2RP2000006//Human DNA sequence from PAC 155D22 on chromosome 6q27. Contains EST, STSs and a GSS //2.7e-37:259:86//Z97205
- R-NT2RP2000008//RPC11-41G16.TP RPC1-11 Homo sapiens genomic clone RPC1-11-41G16, genomic survey sequence //4.1e-25:365:70//AQ029090
- R-NT2RP2000027//Homo sapiens chromosome 17, clone HCIT305D20, complete sequence //6.0e-05:307:62//AC004098
- 50 R-NT2RP2000040//Homo sapiens mRNA for KIAA0747 protein, partial cds //8.4e-41:223:96//AB018290
- R-NT2RP2000045//Homo sapiens tumorous imaginal discs protein Tid56 homolog (TID1) mRNA, complete cds //5.8e-63:325:96//AF061749
- R-NT2RP2000054//Human tyrosinase gene, 5'-flanking region (containing enhancer element responsible for pigment cell-specific transcription) //0.88:210:60//D26163
- 55 R-NT2RP2000056//Mus musculus epsilon tyrosine phosphatase cytoplasmic isoform (Ptpre) mRNA, complete cds //4.7e-38:377:78//U36758
- R-NT2RP2000067//Rat mRNA for growth potentiating factor, complete cds //6.0e-10:137:79//D42148

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R-NT2RP2000070//Homo sapiens chromosome 5, BAC clone 34j15 (LBNL H169), complete sequence.//3.1e-76:381:98//AC005754
R-NT2RP2000076//Plasmodium falciparum chromosome 2, section 9 of 73 of the complete sequence.//2.3e-06:380:60//AE001372
5 R-NT2RP2000077//Homo sapiens growth arrest specific 11 (GAS11) mRNA, complete cds.//3.5e-77:379:97+++F050079
R-NT2RP2000079//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 1125A11, WORKING DRAFT SEQUENCE.//6.5e-32:314:78//AL034549
R-NT2RP2000088//Homo sapiens mRNA for KIAA0795 protein, partial cds.//5.6e-74:378:96//AB018338
10 R-NT2RP2000091//Homo sapiens clone RG015P03, complete sequence.//9.3e-21:226:76//AC005048
R-NT2RP2000097//Human DNA sequence from cosmid U209G1 on chromosome X.//9.2e-40:278:81//Z68873
R-NT2RP2000098//Human BAC clone RG333F24 from 7q11.2-q21, complete sequence.//0.34:132:65//AC004015
R-NT2RP2000108//Homo sapiens DNA from chromosome 19, BAC 33152, complete sequence.//3.1e-09:259:67//AC003973
15 R-NT2RP2000114//Homo sapiens mRNA for GM3 synthase, complete cds.//1.8e-74:386:95//AB018356
R-NT2RP2000120//CITBI-E1-2503M8.TR CITBI-E1 Homo sapiens genomic clone 2503M8, genomic survey sequence.//5.1e-05:87:77//AQ263909
R-nnnnnnnnnnnn
R-nnnnnnnnnnnn//Homo sapiens PAC clone DJ044L15 from Xq23, complete sequence.//4.9e-11:153:69//AC004827
20 R-NT2RP2000147
R-NT2RP2000153//Homo sapiens ccr2b (ccr2), ccr2a (ccr2), ccr5 (ccr5) and ccr6 (ccr6) genes, complete cds, and lactoferrin (lactoferrin) gene, partial cds, complete sequence.//0.0058:261:57//U95626
R-NT2RP2000157//Homo sapiens Chr.14 PAC RPC14-794B2 (Roswell Park Cancer Institute Human PAC Library) complete sequence.//2.5e-119:603:96//AC005924
25 R-NT2RP2000161//CIT-HSP-2045P7.TR CIT-HSP Homo sapiens genomic clone 2045P7, genomic survey sequence.//0.89:173:63//B79728
R-NT2RP2000175
R-NT2RP2000183
30 R-NT2RP2000195//Homo sapiens chromosome 17, clone hRPK.60_A_24, complete sequence.//4.3e-39:306:83//AC005325
R-NT2RP2000205//Human DNA sequence from clone 302L24 on chromosome Xq21-22, complete sequence.//7.5e-05:101:78//AL022155
R-NT2RP2000224//Homo sapiens Chromosome 16 BAC clone CIT987SK-A-152E5, complete sequence.//7.3e-55:306:94//AC004382
35 R-NT2RP2000232
R-NT2RP2000233//Mus musculus tumor metastasis associated gene product (MAG) mRNA, complete cds.//7.6e-13:144:75//U88401
R-NT2RP2000239//Homo sapiens chromosome 4 clone B353C18 map 4q25, complete sequence.//9.6e-63:410:86//AC004066
40 R-NT2RP2000248//Caenorhabditis elegans cosmid T01C8.//1.0:282:58//U58726
R-NT2RP2000257//Homo sapiens PAC clone DJ0808G16 from 7q11.23-q21, complete sequence.//2.5e-11:163:72//AC004894
R-NT2RP2000258//Arabidopsis thaliana chromosome II BAC T31E10 genomic sequence, complete sequence.//0.58:442:58//AC004077
45 R-NT2RP2000270//Homo sapiens DNA sequence from PAC 97D16 on chromosome 6p21.3-22.2. Contains an unknown pseudogene, a 60S Ribosomal protein L24 (L30) LIKE pseudogene and histone genes H2BFC (H2B/c), H4FFP (H4/f pseudogene), H2AFC (H2A/c), H3F1K (H3.1/k) and a tRNA-Val pseudogene and tRNA-Thr gene. Contains ESTs, STSs, GSSs and genomic marker D6S464, complete sequence.//1.1e-39:292:84//AL009179
50 R-NT2RP2000274//CIT-HSP-237901.TR CIT-HSP Homo sapiens genomic clone 237901, genomic survey sequence.//6.9e-10:121:81//AQ109409
R-NT2RP2000288
R-NT2RP2000289
R-NT2RP2000297//Homo sapiens full-length insert cDNA clone ZB81C03.//7.7e-109:519:99//AF086165
55 R-NT2RP2000298
R-NT2RP2000310//Homo sapiens p53 induced protein mRNA, partial cds.//1.5e-38:224:93//AF010310
R-NT2RP2000327//Homo sapiens DNA sequence from PAC 434O14 on chromosome 1q32.3-.41. Contains the HSD11B1 gene for Hydroxysteroid (11-beta) Dehydrogenase 1, the ADORA2BP adenosine A2b receptor LIKE

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pseudogene, the IRF6 gene for Interferon Regulatory Factor 6 and two novel genes. Contains ESTs and GSSs, complete sequence//4.3e-113:580:96//AL022398

R-NT2RP2000329//Homo sapiens clone NH0319F03, WORKING DRAFT SEQUENCE, 3 unordered pieces//
7.4e-47.367.77//AC006039

R-NT2RP2000337//Anopheles quadrimaculatus NADH dehydrogenase subunits (1-4, 4L, 5-6); cytochrome oxidase subunits (1-3); adenosine triphosphatase subunits (6,8); cytochrome b; transfer RNA; ribosomal RNA (large and small subunits).//4.9e-08;494:58/L04272

R-NT2RP2000346//Homo sapiens apoptosis associated protein (GADD34) mRNA, complete cds//3.4e-46;262:94//J83981

R-NT2RP2000369//Homo sapiens chromosome 17, clone HCIT169H9, WORKING DRAFT SEQUENCE, 6 unordered pieces //3.0e-07:334:61//AC002993

R-NT2RP2000414//Mouse DNA sequence *** SEQUENCING IN PROGRESS *** from clone BAC394, WORKING DRAFT SEQUENCE.//7.0e-08:98.83//AJ004828

R-NT2RP2000420//Homo sapiens chromosome 17, clone hRPK.640_I_15, complete sequence.//0.99:150:62//AC005324

R-NT2RP2000422//Homo sapiens N-acetylglucosamine-phosphate mutase mRNA, complete cds.//4.6e-19:142:90//AF102265

R-NT2RP2000438//RPCI11-62I13.TK RPCI11 Homo sapiens genomic clone R-62I13, genomic survey sequence.//
3.1e-06:103:79//AQ199572

R-NT2RP2000448//Homo sapiens PAC clone DJ0740D02 from 7p14-p15, complete sequence.//2.0e-22:276:73//AC004691

R-NT2RP2000459//CIT-HSP-2013N9.TR CIT-HSP Homo sapiens genomic clone 2013N9, genomic survey sequence.//5.5e-27:205:87//853940

R-NT2RP2000498//Homo sapiens Chromosome 11q23 PAC clone pDJ149k2 containing PLZF gene encoding kruppel-like zinc finger protein, complete sequence//6.0e-12:119:84//AC001234

R-NT2RP2000503//Human CYP11B2 gene for steroid 18-hydroxylase (P-450 C18), 5'-flanking region and exon 1.//0.48:201:64//D10170

R-NT2RP2000510//Bactrocera dorsalis strain Tahiti mitochondrial D-loop region, complete sequence//3.6e-07:472:59//AF033929

B-oooooooooooo

R-NT2RP2000523//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 150C2, WORKING DRAFT SEQUENCE.//2.3e-61.317:97//AL022318

R-NT2RP2000603//Homo sapiens mRNA for MCM3 import factor, complete cds.//6.6e-29:167:97//AB005543

R-NT2RP2000617

R-NT2RP2000634//Homo sapiens mRNA for KIAA0614 protein, partial cds.//2.5e-64:335:96//AB014514

R-NT2RP2000644//Human DNA sequence from PAC 50A13 on chromosome Xp11. Contains ATP SYNTHASE LIPID BINDING PROTEIN P1 (P2, P3) precursor (ATP5G1, ATP5G2, ATP5G3) like pseudogene, ESTs and STSs. Contains polymorphic CA repeat//1.8e-28:383:70//Z92545

R-NT2RP2000656//Homo sapiens DNA sequence from PAC 874C20 on chromosome 6p22.1-22.3. Contains a Zinc Finger Protein ZFP47 LIKE gene, a Zinc Finger Protein pseudogene and a Zinc Finger Protein SRE-ZBP pseudogene. Contains ESTs, STSs and GSSs. complete sequence//0.0093:110:70//AL021997

R-NT2RP2000658//*Bacillus thuringiensis* chitinase (chi) gene, complete cds.//0.73:301:60//U89796

R-NT2RP2000668

R-NT2RP2000678//Homo sapiens genomic DNA, chromosome 21q22.2 (Down Syndrome region), segment 8/15,
WORKING DRAFT SEQUENCE.//2.8e-11:256:66//AP000015

R-NT2RP2000710//Genomic sequence from Human 17, WORKING DRAFT SEQUENCE, 9 unordered pieces//
0.036:176:69//AC002346

R-NT2RP2000715//Homo sapiens PAC clone DJ1066K24 from 7p15, complete sequence.//2.7e-110:555:96//AC004540

R-NT2RP2000731//Human DNA sequence from clone 497J21 on chromosome 6q26-27. Contains a KOC (KH-domain containing transcript overexpressed in cancer) pseudogene, genomic marker D6S193, ESTs, STSs and GSSs, and a ca repeat polymorphism, complete sequence.//2.6e-18:319:68//AL023775

R-NT2RP2000758//CIT-HSP-507A14.TP CIT-HSP Homo sapiens genomic clone 507A14, genomic survey sequence//1.0:189:60//B50590

R-NT2RP2000764

R-NT2RP2000809//Human BAC clone RG356F09 from 7p21, complete sequence.//1.7e-24:215:81//AC004002

R-NT2RP2000812//CIT-HSP-2281C3.TR CIT-HSP Homo sapiens genomic clone 2281C3, genomic survey se-

- quence.//9.5e-32:176:97//B99575
 R-nnnnnnnnnnnn/paramecium species 5,87 mt dna dimer: replication init. region.//0.0077:418:57//K00916
 R-NT2RP2000816//F.rubripes GSS sequence, clone 011H02aA6, genomic survey sequence.//0.61:52:73//AL011013
 5 R-NT2RP2000819
 R-NT2RP2000841//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 43408, WORKING DRAFT SEQUENCE.//0.00012:181:70//AL033504
 R-NT2RP2000842//Mus musculus (C57BL/10 X C3H)F2 clone 4.9 novel mRNA from reninexpressing kidney tumor cell line, partial sequence.//3.7e-27:388:72//U13370
 10 R-NT2RP2000845//Homo sapiens chromosome 17, clone hRPK.849_N_15, complete sequence.//0.0022:200:68//AC005703
 R-NT2RP2000863
 R-NT2RP2000880//Homo sapiens mRNA for putative GTP-binding protein, partial.//2.3e-43:279:89//AJ006412
 R-NT2RP2000892//Homo sapiens genomic DNA of 9q32 anti-oncogene of flat epithelium cancer, segment 7/10.//0.0028:221:62//AB020875
 15 R-NT2RP2000931//Homo sapiens mRNA for KIAA0723 protein, complete cds.//2.2e-55:290:96//AB018266
 R-NT2RP2000938//Homo sapiens full-length insert cDNA clone ZD55G12.//2.1e-37:215:93//AF086336
 R-NT2RP2000943//Homo sapiens mRNA for KIAA0755 protein, complete cds.//3.0e-96:494:96//AB018298
 R-NT2RP2000965
 20 R-NT2RP2000970//Homo sapiens DNA sequence from BAC 747E2 on chromosome 22q12.1. Contains ESTs, STSs and GSSs and genomic marker D22S56, complete sequence.//4.5e-87:440:97//AL021393
 R-NT2RP2000985//Homo sapiens chromosome 17, clone hRPK.597_M_12, complete sequence.//5.4e-93:484:95//AC005277
 R-NT2RP2000987//Plasmodium falciparum chromosome 2, section 9 of 73 of the complete sequence.//2.1e-06:
 25 318:62//AE001372
 R-NT2RP2001036//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 41018, WORKING DRAFT SEQUENCE.//2.0e-24:273:73//AL031732
 R-NT2RP2001044//Plasmodium falciparum 3D7 chromosome 12 PFYACB8-420 genomic sequence, WORKING DRAFT SEQUENCE, 14 unordered pieces.//3.3e-07:365:65//AC005140
 30 R-NT2RP2001065//Caenorhabditis elegans cosmid F10G7.//9.2e-06:273:59//U40029
 R-NT2RP2001070//CITBI-E1-2503F4.TF CITBI-E1 Homo sapiens genomic clone 2503F4, genomic survey sequence.//0.13:97:72//AQ265973
 R-NT2RP2001094//Mycoplasma mycoides mycoides SC immunodominant protein P72 (p72) gene, complete cds, mannitol-1-phosphate dehydrogenase (mt1D) gene, partial cds and insertion sequence IS1296, complete sequence.//0.018:373:57//U61140
 35 R-NT2RP2001119
 R-NT2RP2001127//Homo sapiens HRIHFB2060 mRNA, partial cds.//4.5e-55:304:94//AB015348
 R-NT2RP2001137//Homo sapiens DNA sequence from clone 511B24 on chromosome 20q11.2-12. Contains the TOP1 gene for Topoisomerase I, the PLCG1 gene for 1-Phosphatidylinositol-4,5-Bisphosphate Phosphodiesterase Gamma 1 (EC 3.1.4.11, PLC-Gamma-1, Phospholipase C-Gamma-1 PLC-II, PLC-148), the KIAA0395 gene for a probable Zinc Finger Homeobox protein and a 60S Ribosomal Protein L23 LIKE pseudogene. Contains a predicted CpG island, ESTs, STSs and GSSs, complete sequence.//0.69:129:65//AL022394
 40 R-NT2RP2001149//Sequence 5 from Patent US 4798885.//8.5e-28:322:77//I01838
 R-NT2RP2001168
 45 R-NT2RP2001173//Homo sapiens mRNA for KIAA0480 protein, complete cds.//4.8e-95:490:96//AB 007949
 R-NT2RP2001174//CIT-HSP-2170B18.TR CIT-HSP Homo sapiens genomic clone 2170B18, genomic survey sequence.//1.3e-33:204:93//B89680
 R-NT2RP2001196//Plasmodium falciparum DNA *** SEQUENCING IN PROGRESS *** from contig 3-65, complete sequence.//1.7e-06:413:61//AL010134
 50 R-NT2RP2001218//Human DNA sequence from clone 23K20 on chromosome Xq25-26.2 Contains EST, STS, GSS, complete sequence.//8.5e-15:278:68//AL022153
 R-NT2RP2001226//Human DNA sequence from clone 1170D6 on chromosome Xq22.3-23. Contains a pseudogene similar to U-SNRNP associated Cyclophilin (USA-CYP, EC 5.2.1.8), ESTs, an STS and a GSS, complete sequence.//0.0020:462:57//AL030995
 55 R-NT2RP2001233//CIT-HSP-2356P23.TR CIT-HSP Homo sapiens genomic clone 2356P23, genomic survey sequence.//8.0e-108:547:96//AQ081110
 R-NT2RP2001245//Spodoptera frugiperda 16S rRNA gene, Val-tRNA, and Leu-tRNA genes, and ND-1 protein gene, 5' end.//0.0052:350:58//M76713

- R-NT2RP2001268//Homo sapiens mRNA for KIAA0810 protein, partial cds.//4.6e-111:544:97//AB018353
- R-NT2RP2001277//Caenorhabditis elegans DNA *** SEQUENCING IN PROGRESS *** from clone Y59A8, WORKING DRAFT SEQUENCE.//0.0058:327:59//Z98870
- 5 R-NT2RP2001290//Plasmodium falciparum 3D7 chromosome 12 PFYAC1122 genomic sequence, WORKING DRAFT SEQUENCE, 3 unordered pieces.//0.96:187:65//AC004709
- R-NT2RP2001295//Homo sapiens BAC clone NH0491B03 from 7p21-p15, complete sequence.//0.59:218:62//AC006041
- R-NT2RP2001312//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 349A12, WORKING DRAFT SEQUENCE.//0.12:117:64//AL033520
- 10 R-NT2RP2001327//Caenorhabditis elegans cosmid R04D3, complete sequence.//0.31:119:66//Z70212
- R-NT2RP2001328//HS_2213_A1_D07_MF CIT Approved Human Genomic Sperm Library D Homo sapiens genomic clone Plate=2213 Col=13 Row=G, genomic survey sequence.//1.7e-22:200:83//AQ136874
- R-NT2RP2001347//Plasmodium falciparum MAL3P8, complete sequence.//0.81:509:56//AL034560
- R-NT2RP2001378//H.sapiens DNA sequence.//0.94:147:63//Z22404
- 15 R-NT2RP2001381//Homo sapiens cyclin E2 mRNA, complete cds.//3.2e-09:75:97//AF091433
- R-NT2RP2001392//Myxococcus xanthus ATP-dependent protease (bsgA) gene, complete cds.//0.079:178:62//L19301
- R-NT2RP2001394//Human DNA sequence from PAC 389A20 on chromosome X contains ESTs STS, CpG islands and polymorphic CA repeat.//3.4e-60:351:90//Z93242
- 20 R-NT2RP2001397//Hamster mRNA for cyclinB2, complete cds.//5.4e-55:320:83//D17294
- R-NT2RP2001420//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 1108D11, WORKING DRAFT SEQUENCE.//1.0e-44:246:85//AL034419
- R-NT2RP2001423//Human DNA sequence from clone 726F20 on chromosome 1p36.11-36.23. Contains ESTs and a GSS, complete sequence.//3.7e-05:417:61//AL031273 R-NT2RP2001427//Human Chromosome 11 Cosmid cSRL34e5, complete sequence.//0.94:287:59//J73643
- 25 R-NT2RP2001436//Mus musculus clone OST1784, genomic survey sequence.//5.2e-31:299:77//AF046702
- R-NT2RP2001440//Rattus norvegicus mRNA for 14-3-3 protein gamma-subtype, complete cds.//7.8e-75:548:83//D17447
- R-NT2RP2001445//Homo sapiens 12q13.1 PAC RPC11-228P16 (Roswell Park Cancer Institute Human PAC Library) complete sequence.//1.0e-06:452:59//AC004801
- 30 R-NT2RP2001449//Homo sapiens clone DJ0647C14, WORKING DRAFT SEQUENCE, 21 unordered pieces.//5.1e-08:218:67//AC004846
- R-NT2RP2001450
- R-NT2RP2001467//Human BAC clone RG343P13 from 7q31, complete sequence.//3.8e-31:254:83//AC002465
- 35 R-NT2RP2001506//C.barati p-47, ntinh, bonT genes.//1.2e-06:415:60//Y12091
- R-NT2RP2001511//Plasmodium falciparum MAL3P7, complete sequence.//0.11:155:63//AL034559
- R-NT2RP2001520//Homo sapiens mRNA for mitochondrial carrier protein ARALAR1.//2.1e-104:545:95//Y14494
- R-NT2RP2001526//Homo sapiens chromosome 17, clone hCIT.175_E_5, complete sequence.//7.0e-16:283:68//AC004596
- 40 R-NT2RP2001536//Human DNA from chromosome 14-specific cosmid containing XRCC3 DNA repair gene, genomic sequence, complete sequence.//7.7e-16:108:96//AF037222
- R-NT2RP2001560//CIT978SK-A-56H4.TP CIT978SK Homo sapiens genomic clone A-56H4, genomic survey sequence.//0.052:112:66//B73597
- R-NT2RP2001569//CIT-HSP-2335F8.TF CIT-HSP Homo sapiens genomic clone 2335F8, genomic survey sequence.//6.0e-78:383:98//AQ042029
- 45 R-NT2RP2001576//Homo sapiens sulfonylurea receptor (SUR2) gene, exon 37.//0.33:135:66//AF061322
- R-NT2RP2001581//Homo sapiens (clone MFD220) PCR primer.//2.7e-07:240:63//L15407
- R-NT2RP2001597//HS_3016_B2_F06_T7 CIT Approved Human Genomic Sperm Library D Homo sapiens genomic clone Plate=3016 Col=12 Row=L, genomic survey sequence.//5.3e-45:310:87//AQ118854
- 50 R-NT2RP2001601//Homo sapiens chromosome 17, clone hRPK.855_D_21, complete sequence.//0.015:445:58//AC006079
- R-NT2RP2001613//Mus musculus orphan nuclear hormone receptor (CAR) gene, complete sequence.//3.5e-16:413:63//AF009326
- R-NT2RP2001628//Phytomonas serpens kinetoplast maxicircle ribosomal protein S12 (G6) edited mRNA, complete cds.//0.11:190:63//AF034626
- 55 R-NT2RP2001663//Homo sapiens Chromosome 16 BAC clone CIT987SK-625P11, complete sequence.//3.0e-26:157:81//AC004125
- R-NT2RP2001677//Homo sapiens chromosome 9, P1 clone 11659, complete sequence.//3.0e-58:305:96//

AC004472

R-NT2RP2001678//Human BAC clone RG222A16 from 7q31, complete sequence.//0.95:107:66//AC002385

R-NT2RP2001699//Mus musculus erythroid ankyrin and two alternatively spliced erythroid ankyrins (Ank1) gene, putative exon 41 and partial cds.//8.8e-05:211:63//U76758

5 R-NT2RP2001720//Homo sapiens PAC clone DJ0167F23 from 7p15, complete sequence.//4.7e-68:352:97//AC004079

R-NT2RP2001721//HS-1052-B1-G06-MF.abi CIT Human Genomic Sperm Library C Homo sapiens genomic clone Plate=CT 774 Col=11 Row=N, genomic survey sequence.//7.7e-05:346:59//B40914

10 R-NT2RP2001740//HS_3213_A2_D02_T7 CIT Approved Human Genomic Sperm Library D Homo sapiens genomic clone Plate=3213 Col=4 Row=G, genomic survey sequence.//1.1e-16:162:82//AQ175104

R-NT2RP2001748//Human gene for L-histidine decarboxylase, complete cds.//2.0e-33:312:77//D16583

R-NT2RP2001762//Homo sapiens chromosome 1, BAC CIT-HSP-292g8 (BC262482), complete sequence.//2.3e-100:435:97//AC004783

15 R-NT2RP2001813//Human leukocyte common antigen T200 (CD45, LCA) gene, exon 9//0.031:261:60//M23468

R-NT2RP2001861

R-NT2RP2001869//Sequence 5 from patent US 5595900//4.2e-21:194:77//I34189

R-NT2RP2001876

20 R-NT2RP2001883//Human DNA sequence from clone 612B18 on chromosome 1q24-25.3 Contains exon from gene similar to 40S ribosomal protein, first coding exon of dynamin 2 (DYNII). ESTs, STS, GSS, CpG Island, complete sequence.//5.0e-111:485:97//AL031864

R-NT2RP2001900

R-NT2RP2001907//Human proto-oncogene tyrosine-protein kinase (ABL) gene, exon 1a and exons 2-10, complete cds.//5.4e-42:382:77//U07563

25 R-NT2RP2001926//HS_3180_B2_F02_MR CIT Approved Human Genomic Sperm Library D Homo sapiens genomic clone Plate=3180 Col=4 Row=L, genomic survey sequence.//2.8e-25:138:80//AQ185415

R-NT2RP2001936//Plasmodium falciparum 3D7 chromosome 12 PFYAC1383 genomic sequence, WORKING DRAFT SEQUENCE, 3 unordered pieces.//1.0:320:60//AC005504

R-NT2RP2001943//Dictyostelium discoideum PkgA (pkgA) gene, partial cds.//1.4e-08:378:59//AF020280

30 R-NT2RP2001946//Homo sapiens clone NH0140K04, complete sequence.//3.6e-85:409:100//AC005033

R-NT2RP2001947//Human mRNA for KIAA0390 gene, complete cds.//0.85:140:64//AB002388

R-NT2RP2001969

R-NT2RP2001976//CIT-HSP-2281C3.TR CIT-HSP Homo sapiens genomic clone 2281C3, genomic survey sequence.//2.0e-60:307:98//B99575

35 R-NT2RP2001985//Arabidopsis thaliana DNA chromosome 4, BAC clone F1N20 (ESSAII project).//0.031:282:61//AL022140

R-NT2RP2002025

R-NT2RP2002032//CITBI-E1-2502C19.TF CITBI-E1 Homo sapiens genomic clone 2502C19, genomic survey sequence.//1.2e-52:285:95//AQ264715

R-NT2RP2002033//Human (lambda) DNA for immunoglobulin light chain.//1.1e-08:389:61//D88270

40 R-NT2RP2002041//Homo sapiens 12p13.3 BAC RPC111-319E16 (Roswell Park Cancer Institute Human BAC Library) complete sequence.//1.1e-49:264:97//AC006206

R-NT2RP2002046//Human BAC clone GS119P05 from 7q21, complete sequence.//0.0023:429:61//AC004011

R-NT2RP2002047//P.falciparum PK1 gene.//0.00015:239:62//X83707

45 R-NT2RP2002058//HS_2183_A1_G01_MR CIT Approved Human Genomic Sperm Library D Homo sapiens genomic clone Plate=2183 Col=1 Row=M, genomic survey sequence.//1.2e-21:185:84//AQ022560

R-NT2RP2002066//G.gallus microsatellite DNA (LEI0222 (=T15ivD04)).//0.18:102:70//Z83792

R-NT2RP2002070//P.falciparum major merozoite surface antigen (PMMSA) mRNA, complete cds, isolate FC27 //0.95:192:61//M19143

R-NT2RP2002076//Homo sapiens clone 24804 mRNA sequence.//3.8e-25:182:86//AF052183

50 R-NT2RP2002079//Human DNA sequence from clone 431P23 on chromosome 6q27. Contains the first coding exon of the MLLT4 gene for myeloid/lymphoid or mixed-lineage leukemia (trithorax (Drosophila) homolog); translocated to, 4 (AF-6, Afadin, MLLT-4, ALL-1 fusion partner), and a Serine Palmitoyltransferase 2 (EC 2.3.1.50, Long Chain Base Biosynthesis protein 2, LCB-2, SPT-2) pseudogene. Contains ESTs, STss, GSSs, and a putative CpG island, complete sequence.//1.7e-10:97:90//AL009178

55 R-NT2RP2002099//Homo sapiens mRNA for E1B-55kDa-associated protein.//4.6e-59:376:89//AJ007509

R-NT2RP2002105

R-NT2RP2002124//RPC111-75J16.TJ RPC111 Homo sapiens genomic clone R-75J16, genomic survey sequence.//0.58:191:64//AQ266779

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R-NT2RP2002137//Homo sapiens Xp22-175-176 BAC GSHB-484O17 (Genome Systems Human BAC Library) complete sequence //0.0065:294:61//AC005913

R-NT2RP2002154

5 R-NT2RP2002172//RPCI11-90C20.TJ RPCI11 Homo sapiens genomic clone R-90C20, genomic survey sequence //0.049:160:65//AQ282591

R-NT2RP2002185//CIT-HSP-2341I15.TF CIT-HSP Homo sapiens genomic clone 2341I15, genomic survey sequence //6.0e-36:230:90//AQ053355

R-NT2RP2002192//HS_2222_B1_F08_MF CIT Approved Human Genomic Sperm Library D Homo sapiens genomic clone Plate=2222 Col=15 Row=L, genomic survey sequence //1.9e-15:249:71//AQ178491

10 R-NT2RP2002193//Rattus norvegicus potassium channel regulatory protein KChAP mRNA, complete cds //4.7e-35:438:73//AF032872

R-NT2RP2002208//Hansenula wingei mitochondrial DNA, complete sequence //0.00057:468:57//D31785

R-NT2RP2002219//HS_2058_A1_C09_MR CIT Approved Human Genomic Sperm Library D Homo sapiens genomic clone Plate=2058 Col=17 Row=E, genomic survey sequence //3.4e-55:512:77//AQ234380

15 R-NT2RP2002231//Plasmodium falciparum DNA *** SEQUENCING IN PROGRESS *** from contig 3-31, complete sequence //1.5e-06:398:61//Z98557

R-nnnnnnnnnnnn//Sequence 11 from patent US 5624818 //3.3e-91:553:87//I41141

R-NT2RP2002256//Homo sapiens retinoic acid hydroxylase mRNA, complete cds //3.0e14:132:84//AF005418

R-NT2RP2002259//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 118J21, WORKING DRAFT SEQUENCE //1.6e-96:548:91//AL033527

20 R-NT2RP2002270//Homo sapiens Chromosome 16 BAC clone CIT987SK-A-248F7, complete sequence //5.1e-06:391:60//AC004605

R-NT2RP2002292//Genomic sequence from Human 13, complete sequence //0.91:159:64//AC001226

R-NT2RP2002312//Homo sapiens CDP-diacylglycerol synthase 2 (CDS2) mRNA, partial cds //1.3e-101:527:94//AF069532

25 R-NT2RP2002316//Plasmodium falciparum chromosome 2, section 45 of 73 of the complete sequence //0.00052:389:59//AE001408

R-NT2RP2002325//Homo sapiens peroxisomal biogenesis factor (PEX11a) mRNA, complete cds //2.3e-112:567:95//AF093668

30 R-NT2RP2002333//Rat POU domain factor (Brn-5) mRNA //1.5e-22:323:73//L23204

R-NT2RP2002385//Homo sapiens synaptic glycoprotein SC2 spliced variant mRNA, complete cds //3.7e-102:600:89//AF038958

R-NT2RP2002394//Plasmodium falciparum 3D7 chromosome 12 PFYAC492 genomic sequence, WORKING DRAFT SEQUENCE, 5 unordered pieces //0.039:399:59//AC005308

35 R-NT2RP2002408//HS_2212_A1_E09_MR CIT Approved Human Genomic Sperm Library D Homo sapiens genomic clone Plate=2212 Col=17 Row=I, genomic survey sequence //9.6e-35:231:88//AQ184632

R-NT2RP2002426//Human DNA sequence from clone 101G11 on chromosome 22q12. Contains an ACO2 (Mitochondrial Aconitate Hydratase (Aconitase, Citrate Hydro-Lyase, EC 4.2.1.3)) pseudogene, ESTs, STSs, GSSs and a putative CpG island, complete sequence //2.8e-39:308:82//AL021877

40 R-NT2RP2002439//Leishmania tarentolae mitochondrial electron transport chain component mRNA //0.022:102:71//M74225

R-NT2RP2002457//Homo sapiens DNA sequence from PAC 142L7 on chromosome 6q21. Contains a Laminin Alpha 4 (LAMA4) LIKE gene coding for two alternatively spliced transcripts, a Tubulin Beta LIKE pseudogene, a Connective tissue growth factor (NOV, GIG) LIKE gene, A predicted CpG island, ESTs, STSs and genomic marker D6S416, complete sequence //0.00099:354:59//Z99289

45 R-NT2RP2002464//Homo sapiens genomic DNA, chromosome 21q22.2 (Down Syndrome region), segment 6/15, WORKING DRAFT SEQUENCE //0.0015:219:67//AP000013

R-NT2RP2002475

R-nnnnnnnnnnnn//Homo sapiens mRNA for ABC transporter 7 protein, complete cds //3.1e-113:605:92//AB005289

50 R-NT2RP2002498//Human DNA sequence from PAC 162H14 on chromosome 22. Contains 3' part of a FIBULIN 1 like gene and ESTs, complete sequence //0.32:210:64//Z98047

R-NT2RP2002503//Homo sapiens, clone hRPK.15_A_1, complete sequence //4.0e-86:429:98//AC006213

R-NT2RP2002504//Homo sapiens mRNA for KIAA0791 protein, complete cds //2.7e-105:583:91//AB018334

55 R-NT2RP2002520//Saccharomyces cerevisiae mitochondrial tRNA-Tyr, tRNA-Asn, & amp; tRNA-Met genes //0.14:406:58//AJ223323

R-NT2RP2002537//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 500L14, WORKING DRAFT SEQUENCE //2.8e-16:188:78//AL023583

- R-NT2RP2002546//Homo sapiens clone TUA8 Cri-du-chat region mRNA//4.7e-108:571:93//AF009314
- R-NT2RP2002549//Human Chromosome 15q26.1 PAC clone pDJ10k5 containing human DNA polymerase gamma (polg) gene, complete sequence//1.1e-103:422:95//AC005316
- R-NT2RP2002591//Human DNA binding protein (HPF2) mRNA, complete cds//1.8e-36:526:67//M27878
- 5 R-NT2RP2002595
- R-NT2RP2002606//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 2705, WORKING DRAFT SEQUENCE//7.2e-10:211:71//AL033529
- R-NT2RP2002609
- R-NT2RP2002618//Plasmodium falciparum MAL3P6, complete sequence//2.9e-05:566:60//Z98551
- 10 R-NT2RP2002621//Human DNA sequence from PAC 341110 on chromosome 6q22.2-22.33. Contains 60S ribosomal protein L5 like (pseudo)gene, ESTs and STSs//1.1e-38:348:78//Z97352
- R-NT2RP2002643//Homo sapiens chromosome 11 clone pTWB15.28 map 11p15.4-p15.5, genomic survey sequence//1.2e-35:414:66//AF074030
- R-NT2RP2002672//Homo sapiens chromosome 10 clone CIT-HSP-1326H7 map 10q24.3-10q25.1, complete sequence//1.3e-77:403:95//AC005384
- 15 R-NT2RP2002701
- R-NT2RP2002706//Homo sapiens chromosome 19, cosmid F22676, complete sequence//4.0e-42:147:90//AC005778
- R-NT2RP2002710//P.falciparum serine rich protein (SERP I) gene//0.84:135:67//J03983
- 20 R-NT2RP2002727//, complete sequence//1.0:363:59//AC005815
- R-NT2RP2002736//Arabidopsis thaliana chromosome II BAC T17M13 genomic sequence, complete sequence//0.44:267:60//AC004138
- R-NT2RP2002740//Homo sapiens Xp22 BAC GSHB-600G8 (Genome Systems Human BAC library) complete sequence//0.0016:474:60//AC004674
- 25 R-NT2RP2002741//HS_3051_B1_H11_MF CIT Approved Human Genomic Sperm Library D Homo sapiens genomic clone Plate=3051 Col=21 Row=P, genomic survey sequence//1.1e-38:217:86//AQ106283
- R-NT2RP2002750//Homo sapiens 12q24.1 PAC RPCI1-315L5 (Roswell Park Cancer Institute Human PAC library) complete sequence//5.0e-36:430:75//AC002395
- R-NT2RP2002752//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 366L4, WORKING DRAFT SEQUENCE//8.2e-41:437:76//AL023494
- 30 R-NT2RP2002753//Homo sapiens clone DJ076B20, WORKING DRAFT SEQUENCE, 6 unordered pieces//6.8e-100:496:97//AC004882
- R-NT2RP2002769//paramecium species 5.311 mt dna dimer: replication init. region//7.4e-10:404:60//K00917
- R-NT2RP2002778//Homo sapiens clone 24606 mRNA sequence//1.2e-63:341:94//AF070537
- 35 R-NT2RP2002800//RPCI11-37G8.TV RPCI-11 Homo sapiens genomic clone RPCI-11-37G8, genomic survey sequence//4.9e-60:321:95//AQ029850
- R-NT2RP2002839//Homo sapiens Chromosome 11q12.2 PAC clone pDJ688p12 containing uteroglobin gene, WORKING DRAFT SEQUENCE, 11 unordered pieces//2.9e-100:492:98//AC006078
- R-NT2RP2002857//HS_3026_B2_H07_MR CIT Approved Human Genomic Sperm Library D Homo sapiens genomic clone Plate=3026 Col=14 Row=P, genomic survey sequence//8.9e-06:242:62//AQ 128697
- 40 R-NT2RP2002862//RPCI11-42I15.TJ RPCI11 Homo sapiens genomic clone R-42I15, genomic survey sequence//1.5e-44:270:85//AQ052700
- R-NT2RP2002880//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 150C2, WORKING DRAFT SEQUENCE//1.0:295:58//AL022318
- 45 R-NT2RP2002891
- R-NT2RP2002925//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 243L18, WORKING DRAFT SEQUENCE//2.0e-24:395:67//AL034395
- R-NT2RP2002928//Plasmodium falciparum MAL3P5, complete sequence//0.044:461:55//AL034556
- R-NT2RP2002929//Plasmodium falciparum 3D7 chromosome 12 PFYACB8-420 genomic sequence, WORKING DRAFT SEQUENCE, 14 unordered pieces//0.35:491:56//AC005140
- 50 R-NT2RP2002954//Homo sapiens chromosome 17, clone hRPK.628_E_12, complete sequence//1.0:275:61//AC005701
- R-NT2RP2002959//Mus musculus ubiquitin conjugating enzyme (ubc4) mRNA, complete cds//2.7e-61:508:79//U62483
- 55 R-NT2RP2002979//RPCI11-20F13.TPK RPCI-11 Homo sapiens genomic clone RPCI-11-20F13, genomic survey sequence//0.88:110:72//AQ008132
- R-NT2RP2002980//Homo sapiens PAC clone DJ0841B21 from 7q21.1-q31.1, complete sequence//1.1e-102:433:95//AC004140

- R-NT2RP2002986//Human DNA sequence from clone 1147O16 on chromosome Xp21.1-21.3. Contains 13 exons of the DMD muscular dystrophy gene. Contains an STS and GSSs, complete sequence//0.31:219:62//AL031542
- R-NT2RP2002987//Homo sapiens chromosome 18, clone hRPK.24_A_23, complete sequence//1.3e-51:283:88//AC005968
- 5 R-NT2RP2002993//Human DNA sequence from PAC 106B9 on chromosome Xq21//4.3e-11:430:63//AL021307
- R-NT2RP2003000//Saccharomyces cerevisiae mitochondrion transfer RNA- Leu, Gln, Lys, Arg, Gly, Asp, Ser2, Arg2, Ala, Ile, Tyr, Asn genes//0.00088:347:62//L36887
- R-NT2RP2003034//Homo sapiens genomic DNA of 9q32 anti-oncogene of flat epithelium cancer, segment 2/10//3.5e-33:271:82//AB020870
- 10 R-NT2RP2003073
- R-NT2RP2003099//Homo sapiens PAC clone DJ0886O08 from 7q32-q35, complete sequence//1.5e-45:548:69//AC004914
- R-NT2RP2003108
- R-NT2RP2003117//Homo sapiens clone DJ1137M13, complete sequence//2.0e-51:323:88//AC005378
- 15 R-NT2RP2003121//HS_2238_A1_E08_MF CIT Approved Human Genomic Sperm Library D Homo sapiens genomic clone Plate=2238 Col=15 Row=I, genomic survey sequence//0.00055:324:61//AQ293058
- R-NT2RP2003125
- R-NT2RP2003129
- R-NT2RP2003137//Human BAC clone RG084D04 from 7q31, complete sequence//1.1e-46:521:74//AC003084
- 20 R-NT2RP2003161//Homo sapiens chromosome 10 clone CIT-HSP-1287C20, complete sequence//1.0:368:59//AC005879
- R-NT2RP2003164//Dictyostelium discoideum actin 4 gene, 3' UTR//1.0:120:64//M25581
- R-NT2RP2003165//Homo sapiens chromosome 17, clone hRPK.1018_N_14, complete sequence//2.2e-71:467:86//AC005823
- 25 R-NT2RP2003177
- R-NT2RP2003194//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 996D20, WORKING DRAFT SEQUENCE//1.1e-95:585:88//AL031597
- R-NT2RP2003206//P.falciparum interspersed repeat antigen (FIRA) gene//0.039:338:60//M17877
- R-NT2RP2003230//Plasmodium falciparum MAL3P6, complete sequence//1.9e-11:542:60//Z98551
- 30 R-NT2RP2003237//Arabidopsis thaliana genomic DNA, chromosome 5, P1 clone: MDH9, complete sequence//1.0:311:60//AB016888
- R-NT2RP2003243//CIT-HSP-2368D12.TR CIT-HSP Homo sapiens genomic clone 2368D12, genomic survey sequence//0.39:112:66//AQ077738
- R-NT2RP2003265//Muridae sp. (mouse-rat, neuroblastoma-glioma hybrid cell line NGD5) mRNA, complete cds//1.3e-38:273:83//L38481
- 35 R-NT2RP2003272//Homo sapiens clone UWGC:y17c131 from 6p21, complete sequence//4.4e-15:181:66//AC004187
- R-NT2RP2003277//Homo sapiens mRNA for KIAA0625 protein, partial cds//4.2e-110:565:95//AB014525
- R-NT2RP2003280//Homo sapiens 12p13.3 PAC RPCI5-1180D12 (Roswell Park Cancer Institute Human PAC Library) complete sequence//3.2e-12:221:70//AC005831
- 40 R-NT2RP2003286//Homo sapiens chromosome 19, CIT-HSP-444n24, complete sequence//0.86:379:60//AC005261
- R-NT2RP2003293//Homo sapiens clone RG252P22, WORKING DRAFT SEQUENCE, 3 unordered pieces//1.0e-39:418:74//AC005079
- 45 R-NT2RP2003295//HS_2053_B1_A10_MR CIT Approved Human Genomic Sperm Library D Homo sapiens genomic clone Plate=2053 Col=19 Row=B, genomic survey sequence//0.0016:346:61//AQ235251
- R-NT2RP2003297//Arabidopsis thaliana chromosome II BAC F4P9 genomic sequence, complete sequence//0.74:397:56//AC002332
- R-NT2RP2003308//Homo sapiens PAC clone DJ1098B01 from 7q11.23-q21, complete sequence//0.99:447:60//AC004960
- 50 R-NT2RP2003329//C.reinhardtii psbB 5' flanking region//0.79:161:59//X59731
- R-NT2RP2003339//RPCI11-57H15.TK RPCI11 Homo sapiens genomic clone R-57H15, genomic survey sequence//0.13:184:64//AQ116039
- R-NT2RP2003347//RPCI11-15B19.TV RPCI-11 Homo sapiens genomic clone RPCI-11-15B19, genomic survey sequence//6.4e-31:218:89//B76357
- 55 R-NT2RP2003367//Human Chromosome 16 BAC clone CIT987SK-A-363E6, complete sequence//9.0e-11:101:84//U91321
- R-NT2RP2003391//HS_2255_B2_B04_MF CIT Approved Human Genomic Sperm Library D Homo sapiens ge-

nomic clone Plate=2255 Col=8 Row=D, genomic survey sequence.//1.6e-38:247:90//AQ068937
 R-NT2RP2003393//RPC111-44K6.TJ RPC111 Homo sapiens genomic clone R-44K6, genomic survey sequence.//
 3.9e-31:290:79//AQ0202481
 5 R-NT2RP2003394//Yeast mitochondrial *oxi3* gene exon 1 for cytochrome c oxidase subunit I.//5.1e-14:579:61//
 X14910
 R-NT2RP2003401//Caprine arthritis-encephalitis virus tat protein (tat) and envelope glycoprotein (env) gene, par-
 tial cds.//0.32:174:66//UB1429
 R-NT2RP2003433//Ascidian mRNA for HRSec61, complete cds.//1.5e-10:193:69//D25536
 R-NT2RP2003445//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone Y313F4, WORKING
 10 DRAFT SEQUENCE.//4.4e-99:585:89//AL023808
 R-NT2RP2003446
 R-NT2RP2003456//Plasmodium falciparum MAL3P7, complete sequence.//0.98:399:57//AL034559
 R-NT2RP2003480//Homo sapiens full-length insert cDNA clone ZE09A11.//4.7e-111:540:98//AF086540
 R-NT2RP2003499
 15 R-NT2RP2003506
 R-NT2RP2003511
 R-NT2RP2003513//Human mRNA for KIAA0270 gene, partial cds.//4.1e-107:566:93//D87460
 R-NT2RP2003517//Human c-sis/platelet-derived growth factor 2 (SIS/PDGF2) mRNA, complete cds.//1.5e-60:
 518:79//M12783
 20 R-NT2RP2003522//HS_2182_A1_D05_MF CIT Approved Human Genomic Sperm Library D Homo sapiens ge-
 nomic clone Plate=2182 Col=9 Row=G, genomic survey sequence.//0.053:251:60//AQ024304
 R-NT2RP2003533//Homo sapiens chromosome 12p13.3 clone RPC14-816N1, WORKING DRAFT SEQUENCE,
 31 unordered pieces.//1.5e-37:328:80//AC005841
 R-NT2RP2003543//HS_3028_A2_C12_MF CIT Approved Human Genomic Sperm Library D Homo sapiens ge-
 25 nomic clone Plate=3028 Col=24 Row=E, genomic survey sequence.//2.0e-39:203:100//AQ094957
 R-NT2RP2003559//Homo sapiens full-length insert cDNA clone ZD65E09.//2.3e-59:325:95//AF088055
 R-NT2RP2003564
 R-NT2RP2003581
 R-NT2RP2003596//HS_2163_B1_D11_MF CIT Approved Human Genomic Sperm Library D Homo sapiens ge-
 30 nomic clone Plate=2163 Col=21 Row=H, genomic survey sequence.//0.0011:212:67//AQ125143
 R-NT2RP2003604//Homo sapiens alpha-catenin-like protein mRNA, complete cds.//5.4e-102:501:97//U97067
 R-NT2RP2003629//Plasmodium falciparum 3D7 chromosome 12 PFYACB8-628 genomic sequence, WORKING
 DRAFT SEQUENCE, 9 unordered pieces.//0.0012:363:61//AC005507
 R-NT2RP2003643//Mus musculus mRNA for CMP-N-acetylneuraminic acid synthetase.//5.1e-37:561:68//
 35 AJ006215
 R-NT2RP2003668//Human DNA sequence from PAC 24608, between markers DXS6791 and DXS8038 on chro-
 mosome X contains ESTs.//0.0053:395:58//Z76735
 R-NT2RP2003687//Human BAC clone RG222A16 from 7q31, complete sequence.//8.0e-10:205:67//AC002385
 R-NT2RP2003691//HS_3252_A2_A11_MR CIT Approved Human Genomic Sperm Library D Homo sapiens ge-
 40 nomic clone Plate=3252 Col=22 Row=A, genomic survey sequence.//5.3e-05:332:60//AQ219783
 R-NT2RP2003702//CIT-HSP-2333P5.TF CIT-HSP Homo sapiens genomic clone 2333P5, genomic survey se-
 quence.//3.9e-43:431:75//AQ035000
 R-NT2RP2003704
 R-NT2RP2003706//Homo sapiens mRNA for KIAA0525 protein, partial cds.//2.6e-45:265:93//AB011097
 45 R-NT2RP2003713//Human DNA sequence from PAC 411B6 on chromosome X *.//0.64:169:67//Z84470
 R-NT2RP2003714//Human DNA sequence from 4PTL, Huntington's Disease Region, chromosome 4p16.3.//
 4.6e-11:152:73//295704
 R-NNNNNNNNNN//H.sapiens mRNA for PIBF1 protein, complete.//0.94:443:59//Y09631
 R-NT2RP2003737//Homo sapiens clone DJ1022114, WORKING DRAFT SEQUENCE, 14 unordered pieces.//
 50 2.2e-109:547:96//AC004951
 R-NT2RP2003751//Homo sapiens Chromosome 16 BAC clone CIT987SK-A-427H10, complete sequence.//4.1e-
 109:545:97//AC004626
 R-NT2RP2003760//B. taurus mRNA for gamma-COP.//6.3e-28:400:69//X70019
 R-NT2RP2003764//Mouse preprosomatostatin gene.//0.90:285:62//X51468
 55 R-NT2RP2003769//Schizosaccharomyces pombe gene for protein involved in sexual development, complete
 cds.//0.96:446:58//D87956
 R-NT2RP2003770//Homo sapiens sperm acrosomal protein mRNA, complete cds.//1.8e-104:531:96//AF047437
 R-NT2RP2003777

- R-NT2RP2003781//HS_3109_B1_B04_T7 CIT Approved Human Genomic Sperm Library D Homo sapiens genomic clone Plate=3109 Col=7 Row=D, genomic survey sequence.//1.3e-60:346:92//AQ186749
 R-NT2RP2003793
 R-NT2RP2003840
- 5 R-NT2RP2003857//HS_2205_A2_H12_MF CIT Approved Human Genomic Sperm Library D Homo sapiens genomic clone Plate=2205 Col=24 Row=O, genomic survey sequence.//8.1e-22:127:99//AQ151299
 R-NT2RP2003859//RPCI11-37G8.TV RPCI-11 Homo sapiens genomic clone RPCI-11-37G8, genomic survey sequence.//8.3e-60:320:95//AQ029850
 R-NT2RP2003871//HS_3210_A1_C08_T7 CIT Approved Human Genomic Sperm Library D Homo sapiens genomic clone Plate=3210 Col=15 Row=E, genomic survey sequence.//8.6e-09:322:61//AQ175028
- 10 R-NT2RP2003885//RPCI11-7M10.TP RPCI-11 Homo sapiens genomic clone RPCI-11-7M10, genomic survey sequence.//4.7e-67:380:92//B72214
 R-NT2RP2003912//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 32B1, WORKING DRAFT SEQUENCE.//1.2e-33:379:75//AL023693
- 15 R-NT2RP2003952
 R-NT2RP2003968//Homo sapiens hUBP mRNA for ubiquitin specific protease, complete cds.//2.3e-114:568:97//AB014458
 R-NT2RP2003976//Homo sapiens mRNA for KIAA0447 protein, complete cds.//1.1e-107:540:97//AB007916
 R-NT2RP2003981//Homo sapiens mRNA for KIAA0804 protein, partial cds.//7.7e-114:568:96//AB018347
- 20 R-NT2RP2003984
 R-NT2RP2003986//Human Chromosome 11 pac pDJ197h17, WORKING DRAFT SEQUENCE, 11 unordered pieces.//6.6e-99:551:92//AC0003 82
 R-NT2RP2003988
 R-NT2RP2004014
- 25 R-NT2RP2004041//Homo sapiens chromosome 19, cosmid F17127, complete sequence.//4.9e-114:568:97//AC004780
 R-NT2RP2004042//nbxb0020F03r CUGI Rice BAC Library Oryza sativa genomic clone nbxb0020F03r, genomic survey sequence.//0.11:195:64//AQ258389
 R-NNNNNNNNNN//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 134019, WORKING DRAFT SEQUENCE.//7.6e-110:564:95//AL034555
- 30 R-NT2RP2004081//Plasmodium falciparum 3D7 chromosome 12 PFYAC492 genomic sequence, WORKING DRAFT SEQUENCE, 5 unordered pieces.//0.012:503:57//AC005308
 R-NT2RP2004098//H.sapiens CpG island DNA genomic MseI fragment, clone 133h3, reverse read cpg133h3.r11a.//7.9e-25:140:100//Z64530
- 35 R-NT2RP2004124
 R-NT2RP2004142//CIT-HSP-2316F21.TR CIT-HSP Homo sapiens genomic clone 2316F21, genomic survey sequence.//2.8e-83:409:98//AQ034964
 R-NT2RP2004152//HS_3065_A2_D04_MF CIT Approved Human Genomic Sperm Library D Homo sapiens genomic clone Plate=3065 Col=8 Row=G, genomic survey sequence.//2.5e-62:304:100//AQ137776
- 40 R-NT2RP2004165//Anthocidaris crassispina mRNA for dynein beta-heavy chain, complete cds.//3.4e-20:343:65//D01021
 R-NT2RP2004170//*** SEQUENCING IN PROGRESS *** Homo sapiens chromosome 4, BAC clone B33108; HTGS phase 1, WORKING DRAFT SEQUENCE, 10 unordered pieces.//2.5e-89:587:86//AC004064
 R-NT2RP2004172//Dictyostelium discoideum LTR-retrotransposon Skipper, partial genomic sequence, 3' end.//0.24:440:60//AF017047
- 45 R-NT2RP2004187//RPCI11-59E12.TK RPCI11 Homo sapiens genomic clone R-59E12, genomic survey sequence.//3.1e-05:175:66//AQ198120
 R-NT2RP2004194
 R-NT2RP2004196//Fugu rubripes GSS sequence, clone 076D01bE2, genomic survey sequence.//1.6e-22:178:71//AL026601
- 50 R-NT2RP2004207//Homo sapiens BAC clone GS421103 from Xq25-q26, complete sequence.//0.19:175:64//AC005023
 R-NT2RP2004226//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone Y313F4, WORKING DRAFT SEQUENCE.//6.1e-17:445:64//AL023808
- 55 R-NT2RP2004232//M.musculus (Balb/c) mRNA for serine/threonine protein kinase.//3.2e-25:326:71//Z34524
 R-NT2RP2004239//Homo sapiens lok mRNA for protein kinase, complete cds.//8.7e-108:563:94//AB015718
 R-NT2RP2004240//Homo sapiens antigen NY-CO-1 (NY-CO-1) mRNA, complete cds.//1.1e-101:530:93//AF039687

- R-NT2RP2004242
R-NT2RP2004245//Homo sapiens DNA sequence from PAC 455H14 on chromosome Xq21.3-22.3. Contains genomic marker DXS1203 with a CA repeat polymorphism, STSs and GSSs, complete sequence//5.1e-08:236:65//AL023280
- 5 R-NT2RP2004270//Lycopersicon esculentum ldh2 gene//0.98:259:61//Y10603
R-NT2RP2004300//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 1068F16, WORKING DRAFT SEQUENCE//5.0e-14:396:65//AL023913
R-NT2RP2004316//Homo sapiens EXT-like protein 2 (EXTL2) mRNA, complete cds//1.5e-108:544:96//AF000416
R-NT2RP2004321//Caenorhabditis elegans cosmid F47B8, complete sequence//0.0078:333:61//Z77662
- 10 R-NT2RP2004339//Homo sapiens PAC clone DJ1136G13 from 7q35-q36, complete sequence//1.4e-75:306:86//AC005229
R-NT2RP2004347//RPC11-90N11.TJ RPC11 Homo sapiens genomic clone R-90N11, genomic survey sequence//2.9e-87:494:92//AQ284548
R-NT2RP2004364//Human DNA sequence from clone 422F24 on chromosome 6q24.1-25.2. Contains a novel gene similar to C. elegans C02C2.5. Contains ESTs, STSs and GSSs, complete sequence//4.2e-10:161:76//AL031010
R-NT2RP2004365//Plasmodium falciparum chromosome 2, section 70 of 73 of the complete sequence//3.6e-08:483:57//AE001433
R-NT2RP2004366//F.rubripes GSS sequence, clone 013B16aF3, genomic survey sequence//2.1e-05:128:67//AL000528
- 20 R-NT2RP2004373//Homo sapiens 12q24.2 BAC RPC11-407A16 (Roswell Park Cancer Institute Human BAC Library) complete sequence//0.81:205:62//AC006065
R-NT2RP2004389//HS_2183_B2_H04_MR CIT Approved Human Genomic Sperm Library D Homo sapiens genomic clone Plate=2183 Col=8 Row=P, genomic survey sequence//3.9e-06:82:84//AQ063969
R-NT2RP2004392//Ceratomyces sp. mitochondrial cytochrome oxidase I (3' end), cytochrome oxidase II (complete cds) and transfer RNA-Leu gene//2.7e-06:495:58//L39993
R-NT2RP2004396//Homo sapiens BAC clone RG135C18 from 7q21, complete sequence//6.4e-111:572:96//AC005164
R-NT2RP2004399//Arabidopsis thaliana chromosome I BAC F11M15 genomic sequence, complete sequence//0.13:253:64//AC006085
- 30 R-NT2RP2004400//HS_3238_A2_H11_T7 CIT Approved Human Genomic Sperm Library D Homo sapiens genomic clone Plate=3238 Col=22 Row=O, genomic survey sequence//5.1e-23:162:89//AQ211412
R-NT2RP2004412//Saccharomyces douglasii mitochondrial cytochrome c oxidase subunit I (COXI) gene, complete cds//2.6e-09:458:60//M97514
R-NT2RP2004425//Human DNA sequence from clone 1052M9 on chromosome Xq25. Contains the SH2D1A gene for SH2 domain protein 1A, Duncan's disease (lymphoproliferative syndrome) (DSHP), part of a 60S Acidic Ribosomal protein 1 (RPLP1) LIKE gene and part of a mouse DOC4 LIKE gene. Contains ESTs and GSSs, complete sequence//0.99:481:56//AL022718
- 35 R-NT2RP2004476//Rattus norvegicus activity and neurotransmitter-induced early gene 6 (ania-6) mRNA, 3'UTR//5.3e-99:600:90//AF030091
R-NT2RP2004490//Homo sapiens chromosome 16, P1 clone 94-10H (LANL), complete sequence//3.9e-115:575:97//AC005591
R-NT2RP2004512//Plasmodium falciparum MAL3P3, complete sequence//0.00034:517:58//Z98547
R-NT2RP2004523//Homo sapiens clone DJ0800G07, complete sequence//1.8e-115:571:97//AC004890
- 45 R-NT2RP2004538//Homo sapiens BAC clone RG318C11 from 7p14-p15, complete sequence//1.7e-47:322:87//AC005091
R-NT2RP2004551//Homo sapiens Xp22 bins 45-47 BAC GSHB-665N22 (Genome Systems Human BAC Library) complete sequence//0.035:511:58//AC005184
R-NT2RP2004568//TTC20-Sp6 TAMU Arabidopsis thaliana genomic clone TTC20, genomic survey sequence//0.70:446:54//B08766
- 50 R-NT2RP2004580//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 136B1, WORKING DRAFT SEQUENCE//2.2e-53:397:74//AL031768
R-NT2RP2004587//CIT-HSP-2376P22.TF CIT-HSP Homo sapiens genomic clone 2376P22, genomic survey sequence//0.0079:223:63//AQ108976
- 55 R-NT2RP2004594//Homo sapiens Chromosome 16 BAC clone CIT987SK-A-248F7, complete sequence//5.3e-10:493:62//AC004605
R-NT2RP2004600//Homo sapiens full-length insert cDNA clone ZE04E06//2.1e-70:343:99//AF086522
R-NT2RP2004602//Homo sapiens full-length insert cDNA clone YW26E09//2.0e-96:528:93//AF086033

R-NT2RP2004614
R-NT2RP2004655//Homo sapiens mRNA for leucine rich protein//7.3e-117:587:96//AJ006291
R-NT2RP2004664//Homo sapiens mRNA for KIAA0460 protein, partial cds//1.8e-105:520:96//AB007929
R-NT2RP2004675//Human elastin (ELN) gene, partial cds, and LIM-kinase (LIMK1) gene, complete cds//3.4e-
22:197:79//U63721
R-NT2RP2004681//Rat notch 2 mRNA//8.0e-30:276:78//M93661
R-NT2RP2004689//Homo sapiens mRNA for KIAA0625 protein, partial cds//1.6e-118:600:96//AB014525
R-NT2RP2004709//Homo sapiens full-length insert cDNA clone ZD42A08//3.5e-14:139:86//AF086259
R-NT2RP2004710//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 126A5, WORKING
DRAFT SEQUENCE//6.9e-117:592:96//AL031447
R-NT2RP2004736//Homo sapiens mRNA for KIAA0478 protein, complete cds//4.2e-117:594:96//AB007947
R-NT2RP2004743//Plasmodium falciparum 3D7 chromosome 12 PFYAC181 genomic sequence, WORKING
DRAFT SEQUENCE, 8 unordered pieces//0.53:403:59//AC005505
R-NT2RP2004767//Human DNA sequence from PAC 491M17 on chromosome 1p36.2-1p36.3//2.0e-81:568:84//
Z97988
R-NT2RP2004775//Anopheles quadrimaculatus NADH dehydrogenase subunits (1-4, 4L, 5-6); cytochrome oxi-
dase subunits (1-3); adenosine triphosphatase subunits (6,8); cytochrome b; transfer RNA; ribosomal RNA (large
and small subunits)//4.0e-08:365:62//L04272

R-NT2RP2004791//Homo sapiens chromosome 5, BAC clone 282B7 (LBNL H192), complete sequence//7.8e-
111:541:98//AC005216
R-NT2RP2004799//Homo sapiens ATP-specific succinyl-CoA synthetase beta subunit (SCS) mRNA, partial cds//
2.5e-114:564:96//AF058953
R-NT2RP2004802
R-NT2RP2004816//Homo sapiens H beta 58 homolog mRNA, complete cds//2.7e-118:584:97//AF054179
R-NT2RP2004841//Human BAC clone RG308B22 from 7q22-q31, complete sequence//4.0e-46:447:72//
AC002089
R-NT2RP2004861//Plasmodium falciparum MAL3P5, complete sequence//0.19:189:66//AL034556
R-NT2RP2004897//Human Chromosome X clone bWDX187, complete sequence//1.1e-08:330:61//AC004383
R-NT2RP2004936//CIT-HSP-2374L4.TF CIT-HSP Homo sapiens genomic clone 2374L4, genomic survey se-
quence//0.99:129:65//AQ110571
R-nnnnnnnnnnnn//Plasmodium falciparum MAL3P6, complete sequence//0.014:402:61//Z98551
R-NT2RP2004961//RPC11-45P2.TK RPC11 Homo sapiens genomic clone R-45P2, genomic survey sequence//
9.3e-90:453:97//AQ202282
R-NT2RP2004962//Caenorhabditis elegans DNA *** SEQUENCING IN PROGRESS *** from clone Y40H4,
WORKING DRAFT SEQUENCE//0.017:291:61//AL022573
R-NT2RP2004967//Homo sapiens clone RG228D17, WORKING DRAFT SEQUENCE, 2 unordered pieces//4.6e-
52:496:77//AC005077
R-NT2RP2004978//Homo sapiens chromosome 19, cosmid F23269, complete sequence//0.088:322:63//
AC005614
R-NT2RP2004982//Homo sapiens BAC clone BK085E05 from 22q12.1-qter, complete sequence//0.025:339:61//
AC003071
R-NT2RP2004985//T31H24TF.TAMU Arabidopsis thaliana genomic clone T31H24, genomic survey sequence//
0.40:111:70//B78148
R-NT2RP2004999//Homo sapiens clone NH0084K19, WORKING DRAFT SEQUENCE, 30 unordered pieces//
0.23:157:68//AC005682
R-NT2RP2005000
R-NT2RP2005001//Homo sapiens mRNA for KIAA0615 protein, complete cds//3.0e-111:577:95//AB014515
R-NT2RP2005003//Homo sapiens Xp22-132-134 BAC GSHB-590J15 (Genome Systems Human BAC library)
complete sequence//2.4e-21:246:77//AC004673
R-nnnnnnnnnnnn//Homo sapiens SEC63 (SEC63) mRNA, complete cds//9.5e-115:568:97//AF100141
R-NT2RP2005018//HS_3108_B1_E09_T7 CIT Approved Human Genomic Sperm Library D Homo sapiens ge-
nomic clone Plate=3108 Col=17 Row=J, genomic survey sequence//1.9e-31:222:89//AQ104050
R-NT2RP2005020//Rattus norvegicus cationic amino acid transporter-1 (CAT-1) mRNA, complete cds//6.6e-41:
566:73//U70476
R-NT2RP2005031//CIT-HSP-516A2.TV CIT-HSP Homo sapiens genomic clone 516A2, genomic survey se-
quence//4.1e-31:357:75//B49897
R-NT2RP2005037

- R-NT2RP2005038//Sequence 5 from patent US 5552281 //2.2e-32:178:98//I25644
R-NT2RP2005108//Mus musculus orphan nuclear hormone receptor (CAR) gene, complete sequence //3.7e-23:475:67//AF009326
R-NT2RP2005116//Homo sapiens mRNA for KIAA0664 protein, partial cds //8.4e-104:518:97//AB014564
5 R-NT2RP2005126//H.sapiens mRNA for RNA helicase (Myc-regulated dead box protein) //1.4e-67:464:85//X98743
R-NT2RP2005139
R-NT2RP2005140//Leishmania mexicana amazonensis kinetoplast (clone 29) maxicircle A+T-rich repetitive DNA sequence //7.9e-08:460:60//U00101
10 R-NT2RP2005144//Homo sapiens chromosome 12p13.3 clone RPC111-372B4, WORKING DRAFT SEQUENCE, 129 ordered pieces //2.5e-103:519:96//AC005911
R-NT2RP2005147//Homo sapiens clone DJ1125K23, WORKING DRAFT SEQUENCE, 21 unordered pieces //0.068:100:75//AC004971
R-NT2RP2005159//CITBI-E1-2506A8.TF CITBI-E1 Homo sapiens genomic clone 2506A8, genomic survey sequence //0.90:113:71//AQ262104
15 R-NT2RP2005162//Homo sapiens chromosome 17, clone HCIT307A16, complete sequence //5.0e-14:183:75//AC003041
R-NT2RP2005168//Homo sapiens mRNA for E1B-55kDa-associated protein //7.5e-100:513:95//AJ007509
R-NT2RP2005204
20 R-NT2RP2005227//Homo sapiens PAC clone DJ0905J08 from 7p12-p14, complete sequence //7.2e-119:583:97//AC005189
R-NT2RP2005239//Homo sapiens mRNA for putative tRNA splicing protein, partial //8.4e-62:312:98//AJ010952
R-NT2RP2005254//Homo sapiens DNA sequence from PAC 262D12 on chromosome 1q23.3-24.3. Contains a Tenascin (Hexabrachion, Cytotactin, Neuronectin, Myotendinous antigen)-LIKE gene and a mitochondrial/chloroplast 30S ribosomal protein S14-LIKE gene preceded by a CpG island. Contains ESTs, genomic marker D1S2691 and STSs //5.7e-09:328:62//Z99297
25 R-NT2RP2005270//Plasmodium falciparum MAL3P8, complete sequence //2.3e-05:355:61//AL034560
R-NT2RP2005276//Genomic sequence for Arabidopsis thaliana BAC F17F8, complete sequence //0.0014:541:58//AC000107
30 R-NT2RP2005287//Cavia porcellus zinc finger protein (zfoC1) mRNA, complete cds //4.4e-69:459:86//L26335
R-NT2RP2005288//Homo sapiens RCC1-like G exchanging factor RLG mRNA, complete cds //7.4e-124:594:98//AF060219
R-NT2RP2005289//Homo sapiens mRNA for XRP2 protein //1.5e-110:545:96//AJ007590
R-NT2RP2005293//Leishmania mexicana amazonensis kinetoplast (clone 29) maxicircle A+T-rich repetitive DNA sequence //1.1e-12:554:61//U00101
35 R-NT2RP2005315//Homo sapiens DNA sequence from PAC 168L15 on chromosome 6q26-27. Contains RSK3 gene, ribosomal protein S6 kinase, EST, GSS, STS. CpG island, complete sequence //9.5e-15:218:77//AL022069
R-NT2RP2005325//Rattus norvegicus LIM homeodomain protein (LH-2) mRNA sequence //2.0e-72:478:88//L06804
40 R-NT2RP2005336//***ALU WARNING: Human Alu-J subfamily consensus sequence //7.3e-33:139:82//U14567
R-NT2RP2005344//Human DNA sequence from PAC 128N22 on chromosome Xq25-Xq26.3. contains STS //0.094:451:60//297629
R-NT2RP2005354//Homo sapiens mRNA for putative thioredoxin-like protein //1.3e-11:89:96//AJ010841
R-NT2RP2005360//Homo sapiens clone RG023115, WORKING DRAFT SEQUENCE, 1 unordered pieces //0.046:266:60//AC005049
45 R-NT2RP2005393//Homo sapiens chromosome 17, clone hRPK.85_B_7, complete sequence //6.0e-41:226:86//AC005695
R-NT2RP2005407
R-NT2RP2005436//Polistes annularis (clone pan117AAT) tandem repeat region //0.039:169:63//L10835
50 R-NT2RP2005441//CIT-HSP-2338P5.TR CIT-HSP Homo sapiens genomic clone 2338P5, genomic survey sequence //3.0e-38:263:88//AQ055548
R-NT2RP2005453//CIT-HSP-2367N1.TR CIT-HSP Homo sapiens genomic clone 2367N1, genomic survey sequence //0.67:409:59//AQ079845
R-NT2RP2005457//Homo sapiens partial XPGC gene, exon 2 //2.0e-42:315:82//X71342
55 R-NT2RP2005464//CIT-HSP-2359C16.TF CIT-HSP Homo sapiens genomic clone 2359C16, genomic survey sequence //1.0:251:60//AQ075816
R-NT2RP2005465//Drosophila melanogaster, chromosome 2R, region 44D1-44D2, P1 clone DS08616, complete sequence //01251288:62//AC005457

- R-NT2RP2005472//Chlorarachnion CCMP621 small subunit ribosomal RNA, 5.8S ribosomal RNA, large subunit ribosomal RNA, U6 small nuclear RNA, small subunit ribosomal protein S13 (RPS13), pre-mRNA splicing factor PRP 6 homolog, small subunit ribosomal protein 4 (RPS4), small nucleolar ribonucleoprotein E homolog (snRNPE), ATP-dependent clp protease proteolytic subunit homolog (CLPP), putative RNA polymerase II subunit (RNA POLII), and RNA helicase homolog (RNAHEL) genes, complete cds.//1.0:356:59//U58510
- 5 R-NT2RP2005476//Plasmodium falciparum DNA *** SEQUENCING IN PROGRESS *** from MAL1P3, WORKING DRAFT SEQUENCE.//0.00092:421:60//AL031746
- R-NT2RP2005490//Homo sapiens clone NH0001P09, WORKING DRAFT SEQUENCE, 1 unordered pieces.//6.2e-71:187:100//AC008030
- 10 R-NT2RP2005491//paramecium species 5,311 mt dna dimer: replication init. region.//1.6e-10:403:62//K00917
- R-NT2RP2005495//Homo sapiens clone RG037F03, WORKING DRAFT SEQUENCE, 12 unordered pieces.//1.3e-25:208:82//AC005051
- R-NT2RP2005496//Human DNA sequence from clone 354N19 on chromosome 6q22. Contains the 3' part of the gene for Mannosyl-Oligosaccharide Alpha-1,2-Mannosidase (Man(9)-alpha-mannosidase, EC 3.2.1.113), a Cytochrome C Oxidase Polypeptide I (EC 1.9.3.1) pseudogene and a pseudogene similar to 60S Ribosomal Protein L13A. Contains genomic markers D6S287 and D6S1696, ESTs, STSs, GSSs and two CA repeat polymorphisms, complete sequence.//1.5e-22:196:84//AL022722
- 15 R-NT2RP2005498
- R-NT2RP2005501//Homo sapiens chromosome 17, clone hRPK.269_G_24, complete sequence.//7e-29:252:76//AC005828
- 20 R-NT2RP2005509//CIT-HSP-2060J6.TR CIT-HSP Homo sapiens genomic clone 2060J6, genomic survey sequence.//3.1e-53:402:84//B69979
- R-NT2RP2005520//Homo sapiens chromosome-associated protein-E (hCAP-E) mRNA, complete cds.//9.9e-109:570:94//AF092563
- 25 R-NT2RP2005525//Human clone JkA2 mRNA induced upon T-cell activation, 3' end.//5.1e-32:175:98//U38432
- R-NT2RP2005531//Homo sapiens PAC clone DJ0870F17 from 7q33-q36, complete sequence.//0.94:288:61//AC004911
- R-NT2RP2005539//Homo sapiens mRNA for NSI-binding protein (NS1-BP).//2.7e-106:560:94//AJ012449
- R-NT2RP2005540//Homo sapiens mRNA for KIAA0494 protein, complete cds.//5.3e-114:583:96//AB007963
- 30 R-NT2RP2005549//Homo sapiens *** SEQUENCING IN PROGRESS *** WORKING DRAFT SEQUENCE.//0.91:287:58//AJ011929
- R-NT2RP2005555//Homo sapiens 12p13.3 PAC RPCIS-927J10 (Roswell Park Cancer Institute Human PAC library) complete sequence.//3.6e-05:222:66//AC004804
- R-NT2RP2005557//Homo sapiens PAC clone DJ1200I23 from 7p15, complete sequence.//8.2e-22:236:76//AC004996
- 35 R-NT2RP2005581//Homo sapiens clone DJ0693M11, WORKING DRAFT SEQUENCE, 7 unordered pieces.//7.2e-45:286:85//AC006146
- R-NT2RP2005600//Human polymorphic microsatellite DNA.//0.043:304:58//M99148
- R-NT2RP2005605//Human Cosmid g1572c190, complete sequence.//2.4e-17:163:77//AC000126
- 40 R-NT2RP2005620
- R-NT2RP2005622//jd432 Trypanosome Shotgun M13 genomic Trypanosoma brucei brucei genomic clone 11B7, genomic survey sequence.//0.010:308:58//B13538
- R-NT2RP2005637//Homo sapiens PAC clone DJ0555L14 from 7q34-q36, complete sequence.//2.5e-26:322:72//AC005996
- 45 R-NT2RP2005640//Mus musculus squamous cell carcinoma antigen 2 (Scca2) gene, complete cds.//0.030:370:60//AF063937
- R-NT2RP2005645//Plasmodium falciparum chromosome 2, section 35 of 73 of the complete sequence.//3.2e-08:355:62//AE001398
- R-NT2RP2005651
- 50 R-NT2RP2005654//Leishmania major Friedlin cosmid L5769, complete sequence.//0.96:216:66//AL031908
- R-NT2RP2005669//Homo sapiens nitrilase homolog 1 (NIT1) gene, alternatively spliced product, complete cds.//6.7e-117:594:95//AF069984
- R-NT2RP2005675//Homo sapiens growth suppressor related (DOC-1R) mRNA, complete cds.//1.8e-89:434:98//AF089814
- 55 R-NT2RP2005683//jd432 Trypanosome Shotgun M13 genomic Trypanosoma brucei brucei genomic clone 11B7, genomic survey sequence.//0.037:283:58//B13538
- R-NT2RP2005690//Homo sapiens clone DJ0425I02, WORKING DRAFT SEQUENCE, 5 unordered pieces.//1.5e-38:295:83//AC005478

- R-NT2RP2005694//*Plasmodium falciparum* DNA *** SEQUENCING IN PROGRESS *** from contig 3-106, complete sequence.//0.0026:414:57//AL010210
- R-NT2RP2005701
- R-NT2RP2005712//Homo sapiens mRNA for KIAA0799 protein, partial cds.//4.1e-104:503:98//AB018342
- 5 R-NT2RP2005719//*Caenorhabditis elegans* cosmid LLC1, complete sequence.//0.83:275:61//Z82277
- R-NT2RP2005722//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 228H13, WORKING DRAFT SEQUENCE.//1.2e-21:199:75//AL031985
- R-NT2RP2005723
- 10 R-NT2RP2005726//Homo sapiens clone DJ0609N19, WORKING DRAFT SEQUENCE, 3 unordered pieces.//2.6e-64:503:82//AC004842
- R-NT2RP2005741//Human Chromosome 11 pac pDJ393o15, WORKING DRAFT SEQUENCE, 8 unordered pieces.//2.5e-09:261:64//AC000384
- R-NT2RP2005748//RPC11-64K11.TK RPC11 Homo sapiens genomic clone R-64K11, genomic survey sequence.//0.00039:215:66//AQ239313
- 15 R-NT2RP2005752//Homo sapiens TNFR-related death receptor-6 (DR6) mRNA, complete cds.//1.3e-40:223:96//AF068868
- R-NT2RP2005753//Homo sapiens I-1 receptor candidate protein mRNA, complete cds.//3.7e-103:494:98//AF082516
- R-NT2RP2005763//Homo sapiens DNA sequence from PAC 510L9 on chromosome 6p24.1-p25.3.//9.7e-34:172:86//AL022098
- 20 R-NT2RP2005767//Human clone H3 mRNA.//2.5e-21:179:87//U03672
- R-NT2RP2005773//HS_2168_B1_G12_MF CIT Approved Human Genomic Sperm Library D Homo sapiens genomic clone Plate=2168 Col=23 Row=N, genomic survey sequence.//0.99:212:63//AQ086414
- R-NT2RP2005775//Rabbit mRNA for endopeptidase, complete cds.//4.8e-98:591:88//D13310
- 25 R-NT2RP2005781//*Streptomyces* sp. genomic DNA for sarcosine oxidase.//0.019:384:59//D10623
- R-NT2RP2005784//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 1185N5, WORKING DRAFT SEQUENCE.//1.8e-102:490:99//AL034423
- R-NT2RP2005804//Homo sapiens chromosome 17, clone hRPK.147_L_13, complete sequence.//6.3e-16:481:63//AC005332
- 30 R-NT2RP2005812//*Caenorhabditis elegans* cosmid F15810.//0.81:147:63//AF036696
- R-NT2RP2005815
- R-NT2RP2005835
- R-NT2RP2005841//Human DNA sequence from cosmid U209G1 on chromosome X.//1.5e-26:512:64//Z68873
- R-NT2RP2005853//Human DNA sequence from clone 1156N12 on chromosome X. Contains an STS and GSSs, complete sequence.//3.7e-16:340:64//AL009047
- 35 R-NT2RP2005857//Human DNA sequence from cosmid U246D9 on chromosome X. Contains a histone H2B like pseudogene.//1.3e-09:331:65//AL021308
- R-NT2RP2005859//*Plasmodium falciparum* DNA *** SEQUENCING IN PROGRESS *** from contig 3-83, complete sequence.//0.0097:363:59//AL010152
- 40 R-NT2RP2005868//*Plasmodium falciparum* DNA *** SEQUENCING IN PROGRESS *** from contig 3-18, complete sequence.//1.1e-07:508:60//AL008971
- R-NT2RP2005890//Mouse oncogene (ect2) mRNA, complete cds.//2.7e-31:500:67//AL11316
- R-NT2RP2005901//Homo sapiens T-cell receptor alpha delta locus from bases 752679 to 1000555 (section 4 of 5) of the Complete Nucleotide Sequence.//0.89:276:60//AE000661
- 45 R-NT2RP2005908
- R-NT2RP2005933//*Rattus norvegicus* nucleoporin p54 mRNA, complete cds.//1.2e-40:285:80//U63840
- R-NT2RP2005942//Homo sapiens DNA sequence from PAC 142L7 on chromosome 6q21. Contains a Laminin Alpha 4 (LAMA4) LIKE gene coding for two alternatively spliced transcripts, a Tubulin Beta LIKE pseudogene, a Connective tissue growth factor (NOV, GIG) LIKE gene, A predicted CpG island, ESTs, STSs and genomic marker D6S416, complete sequence.//0.0011:480:58//Z99289
- 50 R-NT2RP2005980//Homo sapiens Xp22 BAC GSHB-536K7 (Genome Systems Human BAC library) complete sequence.//8.9e-21:136:78//AC004616
- R-NT2RP2006023//HS_2176_B1_C10_MR CIT Approved Human Genomic Sperm Library D Homo sapiens genomic clone Plate=2176 Col=19 Row=F, genomic survey sequence.//2.5e-66:369:95//AQ023148
- 55 R-NT2RP2006038//*Plasmodium falciparum* chromosome 2, section 6 of 73 of the complete sequence.//0.00029:408:58//AE001369
- R-NT2RP2006043//*Polistes annularis* (clone pan117AAT) tandem repeat region.//0.032:195:62//L10835
- R-NT2RP2006052//*Plasmodium falciparum* 3D7 chromosome 12 PFYACB8-420 genomic sequence, WORKING

DRAFT SEQUENCE, 14 unordered pieces.//0.11:263:61//AC005140
R-NT2RP2006069
R-NT2RP2006071//Plasmodium falciparum 3D7 chromosome 12 PFYAC1122 genomic sequence, WORKING DRAFT SEQUENCE, 3 unordered pieces.//0.00044:333:61//AC004709
5 R-NT2RP2006098//Plasmodium falciparum DNA *** SEQUENCING IN PROGRESS *** from contig 3-77, complete sequence.//4.1e-09:393:62//AL010151
R-NT2RP2006100//HS_2020_A2_H02_T7 CIT Approved Human Genomic Sperm Library D Homo sapiens genomic clone Plate=2020 Col=4 Row=O, genomic survey sequence.//8.3e-53:304:92//AQ228761
R-NT2RP2006103//Rat sodium-hydrogen exchange protein-isoform 3 (NHE-3) mRNA, complete cds.//1.5e-16:
10 199:79//M85300
R-NT2RP2006141
R-NT2RP2006166//Human Chromosome 16 BAC clone CIT987SK-A-589H1, complete sequence.//8.2e-48:329:76//AC002045
R-NT2RP2006184//RPCI11-6O16.TP RPCI-11 Homo sapiens genomic clone RPCI-11-6O16, genomic survey sequence.//0.52:273:61//B49539
15 R-NT2RP2006186//Homo sapiens mRNA for KIAA0654 protein, partial cds.//1.9e-108:553:95//AB014554
R-NT2RP2006196//Plasmodium falciparum DNA *** SEQUENCING IN PROGRESS *** from contig 3-57, complete sequence.//4.2e-05:420:59//AL008981
R-NT2RP2006200//Homo sapiens chromosome 12p13.3 clone RPCI1-96H9, WORKING DRAFT SEQUENCE,
20 66 unordered pieces.//2.1e-100:409:96//AC006057
R-NT2RP2006219//H.sapiens mRNA for DGCR6 protein.//3.8e-93:532:90//X96484
R-NT2RP2006237//P.falciparum PK1 gene.//2.9e-08:481:59//X83707
R-NT2RP2006238//Human chromosome 16 BAC clone CIT987SK-A-962B4, complete sequence.//3.5e-79:405:89//U91318
25 R-NT2RP2006258//Human PAC clone DJ0899B21 from 7p15-p21, complete sequence.//2.2e-08:283:63//AC004008
R-NT2RP2006261//H.sapiens mRNA for serine/threonine protein kinase EMK.//6.2e-13:234:68//X97630
R-NT2RP2006312//Homo sapiens BAF57 (BAF57) gene, complete cds.//2.0e-108:542:97//AF035262
R-NT2RP2006320//347J16.TVB CIT978SKA1 Homo sapiens genomic clone A-347J16, genomic survey sequence.//1.2e-27:215:65//B17768
30 R-NT2RP2006321//Human karyopherin beta 3 mRNA, complete cds.//1.7e-48:298:90//U72761
R-NT2RP2006323//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 702J19, WORKING DRAFT SEQUENCE.//2.8e-104:524:96//AL033531
R-NT2RP2006333//Homo sapiens PAC clone DJ0808A01 from 7q21.1-q31.1, complete sequence.//3.9e-33:298:78//AC004893
35 R-NT2RP2006334
R-NT2RP2006365//RPCI11-72I15.TK RPCI11 Homo sapiens genomic clone R-72I15, genomic survey sequence.//2.6e-35:217:92//AQ267043
R-NT2RP2006393//*** SEQUENCING IN PROGRESS *** Homo sapiens chromosome 4, BAC clone B13E4; HTGS phase 1, WORKING DRAFT SEQUENCE, 10 unordered pieces.//8.0e-40:317:81//AC004046
40 R-NT2RP2006436//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone Y738F9, WORKING DRAFT SEQUENCE.//3.2e-42:184:86//AL022345
R-NT2RP2006441//Plasmodium falciparum microsatellite TA80 sequence.//0.00021:188:68//AF010568
R-NT2RP2006454//Plasmodium falciparum chromosome 2, section 60 of 73 of the complete sequence.//0.30:265:60//AE001423
45 R-NT2RP2006456//Homo sapiens clone 23566 mRNA sequence.//2.5e-104:532:96//AF052098
R-NT2RP2006464//Homo sapiens mRNA for AND-1 protein.//6.6e-108:524:97//AJ006266
R-NT2RP2006467//Sequence 50 from patent US 5691147.//8.3e-22:235:74//I76222
R-NT2RP2006472//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 1172A22, WORKING DRAFT SEQUENCE.//5.4e-12:407:62//AL034386
50 R-NT2RP2006534//Dictyostelium discoideum actin 8 gene, 3' UTR.//0.44:111:65//M25216
R-NT2RP2006554//Plasmodium falciparum chromosome 2, section 7 of 73 of the complete sequence.//0.19:392:58//AE001370
R-NT2RP2006565//Sus scrofa SCAMP 1 gene, exon 9.//1.5e-13:292:68//AJ223742
55 R-NT2RP2006571//Homo sapiens chromosome 19, cosmid F17972, complete sequence.//0.0024:409:58//AC004660
R-nnnnnnnnnnnn//Human BRCA2 region, mRNA sequence CG005.//3.3e-16:334:64//U50532
R-NT2RP2006598//Mus musculus retinoid X receptor interacting protein (RIP110) mRNA, partial cds.//1.6e-19:

- 448:64//J22015
 R-NT2RP3000002//Human DNA sequence from cosmid N104C7 on chromosome 22, complete sequence//4.4e-14:501:63//Z82246
 R-NT2RP3000031//Homo sapiens mRNA for histone deacetylase-like protein (JM21).//5.9e-115:560:97//AJ011972
 5 R-NT2RP3000046//Homo sapiens clone DJ0042M02, WORKING DRAFT SEQUENCE, 20 unordered pieces//3.9e-57:402:83//AC005995
 R-NT2RP3000047//Homo sapiens chromosome 17, clone hRPK.138_P_22, complete sequence//1.0:158:66//AC005697
 10 R-NT2RP3000050//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 451B21, WORKING DRAFT SEQUENCE//2.7e-32:411:69//AL033522
 R-NT2RP3000055//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 1000N6, WORKING DRAFT SEQUENCE//7.9e-17:309:69//AL034378
 R-NT2RP3000072//Brassica rapa DNA for S-locus glycoprotein, complete cds//2.9e-07:516:60//D88192
 15 R-NT2RP3000080//Homo sapiens clone DJ1129D05, complete sequence//1.7e-27:186:90//AC005630
 R-NT2RP3000085//Arabidopsis thaliana acetyl-CoA carboxylase biotin-containing subunit mRNA, nuclear gene encoding chloroplast protein, complete cds//0.0051:289:59//U-23155
 R-NT2RP3000109//HS_3065_A2_D04_MF CIT Approved Human Genomic Sperm Library D Homo sapiens genomic clone Plate-3065 Col=8 Row=G, genomic survey sequence//2.5e-62:304:100//AQ137776
 20 R-NT2RP3000134//Plasmodium falciparum DNA *** SEQUENCING IN PROGRESS *** from MAL1P3, WORKING DRAFT SEQUENCE//0.027:414:57//AL031746
 R-NT2RP3000142//Homo sapiens mRNA for KIAA0592 protein, partial cds//3.8e-115:578:96//AB011164
 R-NT2RP3000149//Homo sapiens chromosome 17, clone hRPK.332_H_18, complete sequence//1.3e-67:354:95//AC005746
 25 R-NT2RP3000186
 R-NT2RP3000197//Human DNA sequence from PAC 181N1 on chromosome X contains ESTs, STS polymorphic CA repeat//2.5e-31:295:78//Z82899
 R-NT2RP3000207//Homo sapiens Chromosome 16 BAC clone CIT987SK-A-954B10, complete sequence//0.016:305:61//AC004514
 30 R-NT2RP3000220//RPC111-63O7.TJ RPC111 Homo sapiens genomic clone R-63O7, genomic survey sequence//0.25:118:66//AQ201832
 R-NT2RP3000233//Plasmodium falciparum mRNA for major merozoite surface antigen gp195//3.2e-11:440:59//X15063
 R-NT2RP3000235//Mus musculus chromosome 6 clone TB6 subclone TB6pD1//0.81:114:64//U19530
 35 R-NT2RP3000247//Homo sapiens DNA sequence from clone 326L12 on chromosome Xq27.1 27.3. Contains the cancer/testis antigen CT7 (melanoma-associated antigen MAGE-C1) gene, two MAGE family pseudogenes, STSs and a CA repeat polymorphism, complete sequence//4.8e-73:362:86//AL023279
 R-NT2RP3000251//Homo sapiens chromosome 17, clone hRPK.192_H_23, complete sequence//0.025:131:66//AC005726
 40 R-NT2RP3000252
 R-NT2RP3000255//HS-1025-B2-F08-MF.abi CIT Human Genomic Sperm Library C Homo sapiens genomic clone Plate=CT 804 Col=16 Row=L, genomic survey sequence//0.67:119:66//B34879
 R-NT2RP3000267
 45 R-NT2RP3000299//Rattus norvegicus mRNA for Crk-associated substrate, p130, complete cds//1.2e-23:424:69//D29766
 R-NT2RP3000312//Plasmodium falciparum MAL3P4, complete sequence//0.55:414:59//AL008970
 R-NT2RP3000320//HS_3056_A1_C03_MR CIT Approved Human Genomic Sperm Library D Homo sapiens genomic clone Plate=3056 Col=5 Row=E, genomic survey sequence//4.1e-32:214:89//AQ134064
 50 R-NT2RP3000324//Rattus norvegicus potassium channel regulator 1 mRNA, complete cds//1.5e-22:265:75//U78090
 R-NT2RP3000333//Plasmodium falciparum MAL3P6, complete sequence//0.68:460:57//Z98551
 R-NT2RP3000341//H.sapiens mRNA for TIM17 preprotein translocase//1.4e-19:137:90//X97544
 R-NT2RP3000348//CITBI-E1-2513C11.TF CITBI-E1 Homo sapiens genomic clone 2513C11, genomic survey sequence//0.0014:118:72//AQ278177
 55 R-NT2RP3000350
 R-NT2RP3000359//Homo sapiens clone NH0319F03, WORKING DRAFT SEQUENCE, 3 unordered pieces//2.8e-55:320:75//AC006039
 R-NT2RP3000361//Homo sapiens mRNA for KIAA0552 protein, complete cds//0.18:275:61//AB011124

R-NT2RP3000366//CIT-HSP-2317H13.TF CIT-HSP Homo sapiens genomic clone 2317H13, genomic survey sequence.//6.7e-42:214:100//AQ041634
 R-NT2RP3000397//HS-1012-B1-F01-MR.abi CIT Human Genomic Sperm Library C Homo sapiens genomic clone Plate=CT 787 Col=1 Row=L, genomic survey sequence//0.015:184:63//B31814
 5 R-NT2RP3000403//Homo sapiens formin binding protein 21 mRNA, complete cds.//1.3e-109:529:98//AF071185
 R-NT2RP3000418//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 510B21, WORKING DRAFT SEQUENCE.//6.2e-15:445:65//AL031885
 R-NT2RP3000433
 R-NT2RP3000439
 10 R-NT2RP3000441
 R-NT2RP3000449//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 1018D12, WORKING DRAFT SEQUENCE.//1.6e-43:300:76//AL031650 R-NT2RP3000451//3'untranslated region of human mRNA for a K⁺ channel protein.//0.71:101:66//E13519
 R-NT2RP3000456//Human Xq28 cosmids U126G1, U142F2, U69B6, U145C10, U169A5, U84H1, U24D12, U80A7, U153E6, L35485, and R7-163A8 containing iduronate 2-sulfatase gene and pseudogene, complete sequence.//5.2e-16:376:65//AF011889
 15 R-NT2RP3000484//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 120G22, WORKING DRAFT SEQUENCE.//0.61:326:58//AL031847
 R-NT2RP3000487//Sequence 32 from patent US 5476781.//8.6e-08:409:61//I16692
 20 R-NT2RP3000512//RPC111-60F15.TK RPC111 Homo sapiens genomic clone R-60F15, genomic survey sequence.//2.2e-68:379:93//AQ201516
 R-NT2RP3000526//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 377F16, WORKING DRAFT SEQUENCE.//4.1e-07:224:65//Z93783
 R-NT2RP3000527//HS_3228_A1_H07_T7 CIT Approved Human Genomic Sperm Library D Homo sapiens genomic clone Plate=3228 Col=13 Row=O, genomic survey sequence.//4.5e-30:184:93//AQ209131
 25 R-NT2RP3000531//T6M24-Sp6 TAMU Arabidopsis thaliana genomic clone T6M24, genomic survey sequence.//0.67:88:68//AQ248538
 R-NT2RP3000542//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 126B4, WORKING DRAFT SEQUENCE.//2.0e-24:145:82//AL022316
 30 R-NT2RP3000561//Homo sapiens PAC clone DJ0942116 from 7q11, complete sequence.//6.1e-107:548:95//AC006012
 R-NT2RP3000562//HS_2041_B1_E08_T7 CIT Approved Human Genomic Sperm Library D Homo sapiens genomic clone Plate=2041 Col=15 Row=J, genomic survey sequence.//9.6e-55:279:98//AQ230207
 R-NT2RP3000578//Plasmodium falciparum DNA *** SEQUENCING IN PROGRESS *** from contig 3-105, complete sequence.//0.00060:356:58//AL010212
 35 R-NT2RP3000582//Homo sapiens chromosome 17, clone hCIT.468_F_23, WORKING DRAFT SEQUENCE, 3 unordered pieces.//4.2e-29:282:67//AC004666
 R-NT2RP3000584//Human PAC clone DJ222H05 from Xq25-q26, complete sequence.//7.4e-44:245:78//AC002377
 40 R-NT2RP3000590//Arabidopsis thaliana chromosome II BAC T31E10 genomic sequence, complete sequence.//0.66:341:59//AC004077
 R-NT2RP3000592//Plasmodium falciparum 3D7 chromosome 12 PFYAC181 genomic sequence, WORKING DRAFT SEQUENCE, 8 unordered pieces.//0.022:491:56//AC005505
 R-NT2RP3000599//Plasmodium falciparum MAL3P8, complete sequence.//1.3e-09:543:58//AL034560
 45 R-NT2RP3000605//Homo sapiens chromosome 19, cosmid F20900, complete sequence.//5.6e-115:554:98//AC006128
 R-NT2RP3000622//Homo sapiens chromosome 12p13.3, WORKING DRAFT SEQUENCE, 27 unordered pieces.//0.15:233:63//AC005414
 50 R-NT2RP3000624//CIT-HSP-2022D4.TR CIT-HSP Homo sapiens genomic clone 2022D4, genomic survey sequence.//1.0:166:66//B64262
 R-NT2RP3000628//Human BAC clone GS188P18, complete sequence.//5.3e-56:384:83//AC000115
 R-NT2RP3000632//Human cyclin-selective ubiquitin carrier protein mRNA, complete cds.//4.0e-61:438:85//U73379
 55 R-NT2RP3000644//Homo sapiens DNA from chromosome 19p13.2 cosmids R31240, R30272 and R28549 containing the EKLF, GCDH, CRTG, and RAD23A genes, genomic sequence.//1.0e-43:408:77//AD000092
 R-NT2RP3000661//F.rubripes GSS sequence, clone 148D22bB9, genomic survey sequence.//2.7e-17:234:69//

- AL005927
 R-NT2RP3000665//Human chromosome 11 46b2 cosmid, complete sequence.//2.1e-42:526:72//U73645
 R-NT2RP3000685//HS_3007_A2_F02_T7 CIT Approved Human Genomic Sperm Library D Homo sapiens genomic clone Plate=3007 Col=4 Row=K, genomic survey sequence.//1.6e-101:506:97//AQ118425
 5 R-NT2RP3000690//Plasmodium falciparum MAL3P6, complete sequence.//1.3e-13:411:61//Z98551
 R-NT2RP3000736
 R-NT2RP3000742//Rattus norvegicus phospholipase C delta-4 mRNA, complete cds.//0.0071:231:65//U16655
 R-NT2RP3000753//Homo sapiens DNA sequence from BAC 55C20 on chromosome 6. Contains a Spinal Muscular Atrophy (SMA3) LIKE gene overlapping with a beta-glucuronidase LIKE pseudogene. Contains a membrane protein LIKE pseudogene, a Glyceraldehyde 3-phosphate dehydrogenase (GAPDH) LIKE pseudogene, five predicted tRNA genes. Contains ESTs, GSSs (BAC end sequences) and a CA repeat polymorphism, complete sequence.//0.88:366:56//AL021368
 10 R-NT2RP3000759//HS_2055_A2_D09_MR CIT Approved Human Genomic Sperm Library D Homo sapiens genomic clone Plate=2055 Col=18 Row=G, genomic survey sequence.//0.45:251:60//AQ234828
 15 R-NT2RP3000815//Homo sapiens chromosome 17, clone hRPK.209_J_20, complete sequence.//2.0e-20:293:72//AC005822
 R-NT2RP3000825//Plasmodium falciparum MAL3P6, complete sequence.//0.0044:325:62//Z98551
 R-NT2RP3000826//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 117715, WORKING DRAFT SEQUENCE.//5.3e-25:375:72//AL022315
 20 R-NT2RP3000836//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone Y214H10, WORKING DRAFT SEQUENCE.//1.3e-19:181:81//AL022344
 R-NT2RP3000841//Homo sapiens, clone hRPK.1_A_1, complete sequence.//0.20:226:61//AC006196
 R-NT2RP3000845//Homo sapiens chromosome 19, cosmid R33632, complete sequence.//6.8e-91:512:92//AC005781
 25 R-NT2RP3000847//***ALU WARNING: Human Alu-Sp subfamily consensus sequence.//7.9e-38:179:86//U14572
 R-NT2RP3000850//Homo sapiens BAC clone GS166A23 from 7p21, complete sequence.//4.4e-48:505:76//AC005014
 R-NT2RP3000852//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 97P20, WORKING DRAFT SEQUENCE.//2.9e-82:311:98//AL031297
 30 R-NT2RP3000859
 R-NT2RP3000865//Human DNA sequence from clone 23K20 on chromosome Xq25-26.2 Contains EST, STS, GSS, complete sequence.//1.2e-15:482:63//AL022153 R-NT2RP3000868//Fruitfly strain g20 mitochondrial DNA, A+T-rich region, partial sequence.//0.00045:260:59//AB003097
 R-NT2RP3000869//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 330012, WORKING DRAFT SEQUENCE.//0.0058:172:64//AL031731
 35 R-NT2RP3000875//H.sapiens /Hepatitis B virus fusion mRNA for mevalonate kinase.//1.4e-99:531:93//X75311
 R-NT2RP3000901
 R-NT2RP3000904//Genomic sequence for Arabidopsis thaliana BAC T7N9, complete sequence.//0.32:261:57//AC000348
 40 R-NT2RP3000917//Plasmodium falciparum MAL3P7, complete sequence.//0.00092:456:58//AL034559
 R-NT2RP3000919
 R-NT2RP3000968//H.sapiens mRNA for ribosomal protein S15a.//4.5e-24:375:71//X84407
 R-NT2RP3000980//Homo sapiens chromosome 17, clone hRPK.855_D_21, complete sequence.//0.36:186:62//AC006079
 45 R-NT2RP3000994//Plasmodium falciparum 3D7 chromosome 12 PFYACB8-420 genomic sequence, WORKING DRAFT SEQUENCE, 14 unordered pieces.//0.00052:413:60//AC005140
 R-NT2RP3001004//Saccharomyces cerevisiae VAR1 gene, mitochondrial gene encoding mitochondrial protein, 3' processing site, partial sequence.//1.1e-07:330:64//U32857
 R-NT2RP3001007//Plasmodium falciparum DNA *** SEQUENCING IN PROGRESS *** from contig 4-82, complete sequence.//0.045:286:61//AL010255
 50 R-NT2RP3001055//Human DNA sequence from PAC 27K14 on chromosome Xp11.3-Xp11.4. Contains monoamine oxidase B (MAOB), ESTs and polymorphic CA repeats.//2.3e-56:348:91//Z95125
 R-NT2RP3001057//H.sapiens HZF4 mRNA for zinc finger protein.//8.2e-84:531:86//X78927
 R-NT2RP3001081//Plasmodium falciparum DNA *** SEQUENCING IN PROGRESS *** from MAL1P3, WORKING DRAFT SEQUENCE.//1.1e-08:537:60//AL031746
 55 R-NT2RP3001084
 R-NT2RP3001096
 R-NT2RP3001107

- R-nt2rp3001111//Human Chromosome 15q26.1 PAC clone pDJ10k5 containing human DNA polymerase gamma (polg) gene, complete sequence.//7.4e-62:272:73//AC005316
 R-NT2RP3001111
 R-NT2RP3001113
 5 R-NT2RP3001115//Homo sapiens PAC clone DJ0905J08 from 7p12-p14, complete sequence.//7.2e-112:550:97//AC005189
 R-NT2RP3001116//CIT-HSP-2282K23.TR CIT-HSP Homo sapiens genomic clone 2282K23, genomic survey sequence.//0.000.13.160:69//AQ002011
 R-NT2RP3001119//Human DNA sequence from clone 612B18 on chromosome 1q24-25.3 Contains exon from
 10 gene similar to 40S ribosomal protein, first coding exon of dynamin 2 (DYNII). ESTs, STS, GSS, CpG Island, complete sequence.//5.9e-99:497:96//AL031864
 R-NT2RP3001120
 R-NT2RP3001126//Plasmodium falciparum MAL3P7, complete sequence.//0.035:266:56//AL034559
 R-NT2RP3001133
 15 R-NT2RP3001140//Homo sapiens mRNA for KIAA0762 protein, partial cds.//8.1e-114:549:97//AB018305
 R-NT2RP3001147//Homo sapiens chromosome 17, clone HCIT187M2, complete sequence.//0.69:198:63//AC004448
 R-NT2RP3001150//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 423B22, WORKING DRAFT SEQUENCE.//2.4e-108:542:97//AL034379
 20 R-NT2RP3001155//Homo sapiens mRNA for AND-1 protein.//2.9e-116:563:98//AJ006266
 R-NT2RP3001176//Plasmodium falciparum 3D7 chromosome 12 PFYAC69 genomic sequence, WORKING DRAFT SEQUENCE, 4 unordered pieces.//0.44:227:62//AC004688
 R-NT2RP3001214//Borrelia burgdorferi plasmid lp25, complete plasmid sequence.//0.0023:381:61//AE000785
 R-NT2RP3001216//RPCI11-18C15.TPC RPCI-11 Homo sapiens genomic clone RPCI-11-18C15, genomic survey
 25 sequence.//7.0e-29:167:97//B88077
 R-NT2RP3001221//Homo sapiens clone 14503, WORKING DRAFT SEQUENCE, 1 ordered pieces.//0.020:211:63//AC005827
 R-NT2RP3001232//Homo sapiens DNA sequence from PAC 124C6 on chromosome 6q21. Contains genomic marker D6S1603, ESTs, GSSs and a STS with a CA repeat polymorphism, complete sequence.//2.7e-08:390:62//AL021326
 30 R-NT2RP3001236//RPCI11-25C17.TKBR RPCI-11 Homo sapiens genomic clone RPCI-11-25C17, genomic survey sequence.//9.5e-41:217:88//AQ014003
 R-NT2RP3001239//Human microtubule-associated protein 1B (MAP1B) gene, complete cds.//2.9e-21:438:63//L06237
 35 R-NT2RP3001245//Homo sapiens DNA sequence from PAC 964D12 on chromosome 1q24-q25. Contains EST, GSS.//0.00026:439:59//AL021398
 R-NT2RP3001253//HS_3002_A2_H12_MR CIT Approved Human Genomic Sperm Library D Homo sapiens genomic clone Plate=3002 Col=24 Row=O, genomic survey sequence.//0.98:190:63//AQ251982
 R-NT2RP3001260
 40 R-NT2RP3001268//Homo sapiens clone DJ0959C21, WORKING DRAFT SEQUENCE, 2 unordered pieces.//0.012:509:57//AC004936
 R-NT2RP3001272//Homo sapiens BAC clone NH0161H12 from 7p14-p15, complete sequence.//2.2e-22:134:87//AC005589
 R-NT2RP3001274//Sequence 11 from Patent WO9517522.//0.0058:133:66//A45341
 45 R-NT2RP3001281//Human DNA sequence from PAC 52D1 on chromosome Xq21. Contains CA repeats, STS.//4.4e-55:558:76//Z96811
 R-NT2RP3001307//HS_2058_A1_C06_MR CIT Approved Human Genomic Sperm Library D Homo sapiens genomic clone Plate=2058 Col=11 Row=E, genomic survey sequence.//7.2e-33:260:86//AQ305868
 R-NT2RP3001318//Homo sapiens PAC clone DJ0649P17 from 7q11.23-q21, complete sequence.//0.27:210:65//AC004848
 50 R-NT2RP3001325
 R-NT2RP3001338//Rat tropoelastin gene, intron 17 (partial).//1.0:184:64//M86367
 R-NT2RP3001339//Homo sapiens mRNA for KIAA0451 protein, complete cds.//1.2e-112:566:96//AB007920
 R-NT2RP3001340//Homo sapiens HMG box factor SOX-13 mRNA, complete cds.//3.2e-86:450:95//AF083105
 55 R-NT2RP3001355
 R-NT2RP3001374//HS_2184_A2_G04_MR CIT Approved Human Genomic Sperm Library D Homo sapiens genomic clone Plate=2184 Col=8 Row=M, genomic survey sequence.//3.7e-10:101:84//AQ024647
 R-NT2RP3001383//Plasmodium falciparum chromosome 2, section 34 of 73 of the complete sequence.//7.4e-07:

- 279:63//AE001397
 R-NT2RP3001384//Homo sapiens chromosome 19, cosmid R33907, complete sequence//4.4e-75:382:97//AC005785
- 5 R-NT2RP3001392//HS_3078_B2_D05_MR CIT Approved Human Genomic Sperm Library D Homo sapiens genomic clone Plate=3078 Col=10 Row=H, genomic survey sequence//1.0:164:64//AQ140587
 R-NT2RP3001396//RPC11-63N18.TJ RPC11 Homo sapiens genomic clone R-63N18, genomic survey sequence//0.14:242:61//AQ238544
 R-NT2RP3001398//Mus musculus zinc finger protein (Zfp64) mRNA, complete cds//1.8e-10:193:72//U49046
 R-NT2RP3001399
- 10 R-NT2RP3001407//Caenorhabditis elegans cosmid D1046, complete sequence//0.0011:392:60//Z68160
 R-NT2RP3001420//Human BAC clone GS165104 from 7q21, complete sequence//3.7e-29:412:74//AC002379
 R-NT2RP3001426//Homo sapiens clone 24616 mRNA sequence//1.1e-104:550:94//AF052158
 R-NT2RP3001427//Caenorhabditis elegans cosmid K11D5//0.39:174:64//U53152
 R-nnnnnnnnnnn//Human nuclear pore complex-associated protein TPR (tpr) mRNA, complete cds//1.4e-94:533:91//U69668
- 15 R-NT2RP3001432//Homo sapiens DNA sequence from PAC 164C20 on chromosome 6q16.1-22.1. Contains ESTs and GSSs (BAC end sequences), complete sequence//2.5e-12:415:61//AL009029
 R-NT2RP3001447//Homo sapiens PAC clone DJ0828B12 from 7q11.23-q21.1, complete sequence//5.6e-36:358:77//AC004903
- 20 R-NT2RP3001449//Homo sapiens clone 24497 mRNA sequence//1.5e-100:499:97//AF070630
 R-NT2RP3001453//Homo sapiens clone DJ0852024, WORKING DRAFT SEQUENCE, 2 unordered pieces//4.0e-47:295:86//AC004906
 R-NT2RP3001457
 R-NT2RP3001459
- 25 R-NT2RP3001472//Crithidia fasciculata kinetoplast apocytochrome b gRNA-mRNA chimera, clone:24//0.33:150:66//D13030
 R-NT2RP3001490//Plasmodium falciparum DNA *** SEQUENCING IN PROGRESS *** from contig 3-103, complete sequence//2.3e-08:483:60//AL010208
 R-NT2RP3001495//Human oxidoreductase (HHCMA56) mRNA, complete cds//4.4e-60:338:93//U13395
- 30 R-NT2RP3001497//Homo sapiens multiple membrane spanning receptor TRC8 (TRC8) mRNA, complete cds//2.1e-110:549:97//AF064801
 R-NT2RP3001527//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 1125A11, WORKING DRAFT SEQUENCE//5.3e-32:310:78//AL034549
 R-NT2RP3001529//Human Chromosome X, complete sequence//5.5e-67:280:93//AC002420
- 35 R-NT2RP3001538
 R-NT2RP3001554//Human microtubule-associated protein 1a (MAP1A) mRNA, complete cds//7.8e-16:391:62//U38292
 R-NT2RP3001580//Plasmodium falciparum 3D7 chromosome 12 PFYAC69 genomic sequence, WORKING DRAFT SEQUENCE, 4 unordered pieces//0.00026:456:58//AC004688
- 40 R-NT2RP3001587//Homo sapiens HRIHFB2115 mRNA, partial cds//5.6e-08:86:88//AB015337
 R-NT2RP3001589//Homo sapiens chromosome 17, clone hRPK.1096_G_20, complete sequence//0.066:360:60//AC005410
 R-NT2RP3001607//CIT-HSP-2010M8.TR CIT-HSP Homo sapiens genomic clone 2010M8, genomic survey sequence//0.041:194:67//B53490
- 45 R-NT2RP3001608//Human DNA sequence from PAC 296K21 on chromosome X contains cytokeratin exon, delta-aminolevulinic acid synthase (erythroid); 5-aminolevulinic acid synthase (EC 2.3.1.37). 6-phosphofructo-2-kinase/fructose-2,6-bisphosphatase (EC 2.7.1.105, EC 3.1.3.46), ESTs and STS//0.69:151:64//Z83821
 R-NT2RP3001621//Human DNA sequence from clone 24o18 on chromosome 6p21:31-22.2 Contains zinc finger protein pseudogene, VNO-type olfactory receptor pseudogene, nuclear envelope pore membrane protein, EST, STS, GSS, complete sequence//1.4e-46:354:83//AL021808
- 50 R-NT2RP3001629//H.sapiens simple DNA sequence region clone wg1a10//0.99:137:63//X76572
 R-NT2RP3001634//Homo sapiens TRIAD1 type I mRNA, complete cds//8.5e-108:541:96//AF099149
 R-NT2RP3001642
 R-NT2RP3001646//HS_3218_A2_A01_T7 CIT Approved Human Genomic Sperm Library D Homo sapiens genomic clone Plate=3218 Col=2 Row=A, genomic survey sequence//2.6e-32:215:91//AQ303003
- 55 R-NT2RP3001671//Plasmodium falciparum DNA *** SEQUENCING IN PROGRESS *** from contig 3-88, complete sequence//0.018:262:61//AL010157
 R-NT2RP3001672

- R-NT2RP3001676//Homo sapiens cosmid Q95D4, chromosome 21 5' of IFNAR2.//2.1e-48:413:77//AF039905
 R-NT2RP3001678//RPCI11-50C17.TK RPCI11 Homo sapiens genomic clone R-50C17, genomic survey sequence.//0.15:232:62//AQ116359
- 5 R-NT2RP3001679//Homo sapiens genomic DNA of 8p21.3-p22 anti-oncogene of hepatocellular colorectal and non-small cell lung cancer, segment 3/11.//7.8e-104:549:95//AB020860
 R-NT2RP3001688//Homo sapiens PAC clone DJ1048B16 from 7q34-q36, complete sequence.//6.6e-41:291:86//AC006019
 R-NT2RP3001690//Plasmodium falciparum chromosome 2, section 52 of 73 of the complete sequence.//3.1e-07:433:59//AE001415
- 10 R-NT2RP3001708//Homo sapiens allele 14 fragile site locus (FRA10B) minisatellite sequence.//6.0e-06:237:64//AF053523
 R-NT2RP3001712//CITBI-E1-2516N9.TF CITBI-E1 Homo sapiens genomic clone 2516N9, genomic survey sequence.//1.5e-95:456:99//AQ279562
 R-NT2RP3001716//Homo sapiens chromosome Y, clone 264,M,20, complete sequence.//0.0012:346:58//AC004617
- 15 R-NT2RP3001724//Human HepG2 3' region Mbol cDNA, clone hmd6a06m3.//1.3e-27:163:95//D17273
 R-NT2RP3001730//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 111B22, WORKING DRAFT SEQUENCE.//7.6e-43:409:76//Z98200
 R-NT2RP3001739
- 20 R-NT2RP3001752//Human clone 23774 mRNA sequence.//1.9e-08:104:84//U79279
 R-NT2RP3001753//CIT-HSP-2379P21.TF CIT-HSP Homo sapiens genomic clone 2379P21, genomic survey sequence.//8.8e-06:102:78//AQ113378
 R-NT2RP3001764
 R-NT2RP3001777//Human mRNA for heparan sulfate proteoglycan (glypican).//0.99:166:66//X54232
- 25 R-NT2RP3001782//Homo sapiens mRNA for KIAA0459 protein, partial cds.//1.3e-111:549:97//AB007928
 R-NT2RP3001792//Mus musculus myelin gene expression factor (MEF-2) mRNA, partial cds.//1.6e-32:266:83//U13262
 R-NT2RP3001799//H.sapiens mRNA for OX40 homologue.//8.5e-44:374:79//X75962
 R-NT2RP3001819
- 30 R-NT2RP3001844//Caenorhabditis elegans cosmid C54G7.//0.0042:231:63//U40410
 R-NT2RP3001854//Plasmodium falciparum strain Dd2 heat shock protein 86 (HSP86), O1 (o1), O3 (o3), O2 (o2), CG8 (cg8), CG4 (cg4), CG3 (cg3), CG9 (cg9), CG1 (cg1), CG6 (cg6), chloroquine resistance candidate protein (cg2), and CG7 (cg7) genes, complete cds.//1.0:404:59//AF030694
 R-NT2RP3001855
- 35 R-NT2RP3001896//CIT978SK-A-686F10.TV CIT978SK Homo sapiens genomic clone A-636F10, genomic survey sequence.//0.0012:68:82//AQ116409
 R-NT2RP3001898//Homo sapiens Chromosome 11p15.5 PAC clone pDJ754h15 containing cdk-inhibitor p57/KIP2 (CDKN1C) gene, complete sequence.//0.37:266:65//AC005950
 R-NT2RP3001915//Human BAC clone RG367O17 from 7p15-p21, complete sequence.//0.018:144:66//AC002486
- 40 R-NT2RP3001926//Human polyadenylate binding protein (TIA-1) mRNA, complete cds.//2.4e-10:77:100//M77142
 R-NT2RP3001929
 R-NT2RP3001931//Homo sapiens full-length insert cDNA clone YU73B11.//1.0e-110:562:96//AF087969
 R-NT2RP3001938//Human DNA sequence from PAC 447B16 on chromosome Xq13.1-Xq13.3.//0.38:386:56//Z95328
- 45 R-NT2RP3001943//Homo sapiens chromosome 5, P1 clone 1076B9 (LBNL H14), complete sequence.//0.87:298:61//AC004500
 R-NT2RP3001944//Bos taurus clone CSSM056 satellite DNA sequence.//0.0095:76:78//U03836
 R-NT2RP3001969//Homo sapiens chromosome 12p13.3 clone RPCI11-350L7, WORKING DRAFT SEQUENCE, 72 unordered pieces.//7.0e-109:552:96//AC005844
- 50 R-NT2RP3001989//Caenorhabditis elegans cosmid C01A2, complete sequence.//0.15:111:68//Z81029
 R-NT2RP3002002//Plasmodium falciparum 14-3-3 protein gene, partial cds.//0.016:286:60//AF065987
 R-NT2RP3002004//H.sapiens mRNA for FAST kinase.//5.1e-41:335:82//X86779
 R-NT2RP3002007
- 55 R-NT2RP3002014//Human DNA sequence from clone 228A9 on chromosome 22q12.3-13.32 Contains 85 KDA CALCIUM-INDEPENDENT PHOSPHOLIPASE A2, EST, GSS, CpG island, complete sequence.//6.6e-41:297:86//AL022322
 R-NT2RP3002033
 R-NT2RP3002045//Drosophila melanogaster fat protein (fat) gene, complete cds.//0.77:320:60//M80537

- R-NT2RP3002054//*Caenorhabditis elegans* cosmid Y69H2, complete sequence//0.82:362:57//Z98877
 R-NT2RP3002056//*F.rubripes* GSS sequence, clone 020E22bF7, genomic survey sequence//0.010:185:63//Z87006
 R-NT2RP3002057
 5 R-NT2RP3002062//Human BAC clone RG356F09 from 7p21, complete sequence//1.7e-17:164:81//AC004002
 R-ntntntntntntntntntnt
 R-NT2RP3002081//HS_3082_A1_G09_MR CIT Approved Human Genomic Sperm Library D Homo sapiens genomic clone Plate=3082 Col=17 Row=M, genomic survey sequence//4.2e-25:344:73//AQ122260
 R-NT2RP3002097//Homo sapiens Xp22-150 BAC GSHB-309P15 (Genome Systems Human BAC Library) complete sequence//2.6e-23:212:80//AC006210
 10 R-NT2RP3002102//Homo sapiens BAC clone RG290G13 from 7q21, complete sequence//0.43:168:64//AC004746
 R-NT2RP3002108//CIT-HSP-2346P16.TF CIT-HSP Homo sapiens genomic clone 2346P16, genomic survey sequence//3.5e-08:110:78//AQ059071
 15 R-NT2RP3002146//*Streptococcus gordonii* competence factor (comC) and histidine protein kinase (comD) genes, complete cds, and response regulator (comE) gene, partial cds//0.11:534:55//U80077
 R-NT2RP3002147//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 329F2, WORKING DRAFT SEQUENCE//4.1e-108:551:96//AL031710
 R-NT2RP3002151//*Mus musculus* mRNA for Guanine Nucleotide Regulatory Protein, complete cds//6.8e-62:347:80//AB003503
 20 R-NT2RP3002163//*Anolis pulchellus* vitellogenin mRNA, partial cds//0.77:281:63//U46857
 R-NT2RP3002165
 R-NT2RP3002166//*D.sargus* satellite DNA (clone PSE3)//0.81:124:62//Z48711
 R-NT2RP3002173
 25 R-NT2RP3002181//HS-1042-A2-F01-MR.abi CIT Human Genomic Sperm Library C Homo sapiens genomic clone Plate=CT 824 Col=2 Row=K, genomic survey sequence//1.3e-35:305:81//B36980
 R-NT2RP3002244//*Caenorhabditis elegans* cosmid R11E3//0.0024:393:61//AF100669
 R-NT2RP3002248//Human DNA sequence from PAC 170A21 on chromosome 22q12-qter contains ESTs//0.30:217:63//Z82189
 30 R-NT2RP3002255
 R-NT2RP3002273//Homo sapiens BAC clone 393I22 from 8q21, complete sequence//0.84:463:57//AF070717
 R-NT2RP3002276//HS_2260_A1_MF_E07 CIT Approved Human Genomic Sperm Library D Homo sapiens genomic clone Plate=2260 Col=13 Row=I, genomic survey sequence//0.0017:198:63//AQ292491
 R-NT2RP3002303//Human HMG-17 gene for non-histone chromosomal protein HMG-17//7.4e-93:510:93//X13546
 35 R-NT2RP3002304//Human BAC clone GS188P18, complete sequence//6.3e-09:477:59//AC000115
 R-NT2RP3002330//*Plasmodium falciparum* 3D7 chromosome 12 PFYAC69 genomic sequence, WORKING DRAFT SEQUENCE, 4 unordered pieces//0.087:388:58//AC004688
 R-NT2RP3002343
 40 R-NT2RP3002351//Homo sapiens chromosome Y, clone 264,M,20, complete sequence//0.20:489:56//AC004617
 R-NT2RP3002352//Homo sapiens mRNA for protein encoded by cxorf5 (71-7A) gene//2.4e-104:516:94//Y15164
 R-NT2RP3002455//Homo sapiens mRNA for KIAA0678 protein, partial cds//4.7e-102:524:95//AB014578
 R-NT2RP3002484
 R-NT2RP3002501//Human DNA sequence from PAC 92M18, BRCA2 gene region chromosome 13q12-13 contains BRCA2 exons 25, 26 and 27 ESTs and STS//5.2e-17:232:75//Z73359
 45 R-NT2RP3002512
 R-NT2RP3002529//CIT-HSP-2340H2.TR CIT-HSP Homo sapiens genomic clone 2340H2, genomic survey sequence//0.81:266:58//AQ057387
 R-NT2RP3002545//Homo sapiens mRNA for KIAA0729 protein, partial cds//3.3e-82:438:94//AB018272
 50 R-NT2RP3002549//*Medicago truncatula* ENBP1 gene, exons 1 to 12//0.95:381:56//AJ002479
 R-NT2RP3002566//HS_2036_A1_D08_MR CIT Approved Human Genomic Sperm Library D Homo sapiens genomic clone Plate=2036 Col=15 Row=G, genomic survey sequence//0.18:162:64//AQ230627
 R-NT2RP3002587//Homo sapiens clone DJ1090E20, WORKING DRAFT SEQUENCE, 4 unordered pieces//5.1e-15:213:73//AC004956
 55 R-NT2RP3002590//*Arabidopsis thaliana* genomic DNA; chromosome 5, P1 clone: MXK3, complete sequence//0.00010:431:59//AB019236
 R-NT2RP3002602//*Mus musculus* stannin gene, complete cds//1.6e-20:339:70//AF030522
 R-NT2RP3002603

- R-NT2RP3002631//Homo sapiens chromosome 21 PAC
RPCIP704A9190Q2//1.0:241:59//AJ006997
- R-NT2RP3002659//Rat sodium-hydrogen exchange protein-isoform 3 (NHE-3) mRNA, complete cds//6.8e-24:
331:76//M85300
- 5 R-NT2RP3002660//H.sapiens partial gene for progesterone receptor and Alu element DNA//9.8e-43:273:82//
Z49816
- R-NT2RP3002663//Lymnaea stagnalis 16S ribosomal RNA gene, mitochondrial gene encoding ribosomal RNA,
partial sequence//0.60:300:59//U82072
- R-NT2RP3002671//S.pombe chromosome III cosmid c553//1.2e-20:399:66//AL023704
- 10 R-NT2RP3002682//RPC111-44K6.TJ RPC111 Homo sapiens genomic clone R-44K6, genomic survey sequence//
4.7e-09:122:77//AQ202481
- R-NT2RP3002687//P.falciparum complete gene map of plastid-like DNA (IR-B)//1.1e-07:494:59//X95276
- R-NT2RP3002688//Human 7SL RNA sequence//2.7e-32:290:79//X01037
- R-NT2RP3002701
- 15 R-NT2RP3002713//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 167A19, WORKING
DRAFT SEQUENCE//0.95:334:59//AL031427
- R-NT2RP3002763//***ALU WARNING: Human Alu-J subfamily consensus sequence//3.9e-40:288:85//U14567
- R-NT2RP3002770//R.prowazekii genomic DNA fragment (clone A615F)//0.21:174:63//Z82710
- R-NT2RP3002785//Homo sapiens PAC clone DJ0170D19 from Xq23, complete sequence//0.78:354:59//
20 AC004822
- R-NT2RP3002799//Homo sapiens X-linked anhidrotic ectodermal dysplasia protein gene (EDA), exon 2 and flank-
ing repeat regions//1.1e-20:161:77//AF003528
- R-NT2RP3002810//Caenorhabditis elegans cosmid F10D2//0.28:441:56//AF022972
- R-NT2RP3002818//HS_3053_A2_A08_MR CIT Approved Human Genomic Sperm Library D Homo sapiens ge-
25 nomic clone Plate=3053 Col=16 Row=A, genomic survey sequence//0.19:220:60//AQ135025
- R-NT2RP3002861//P.falciparum complete gene map of plastid-like DNA (IR-B)//9.3e-05:414:60//X95276
- R-NT2RP3002869//Homo sapiens chromosome 19, cosmid F21967, complete sequence//0.14:165:64//
AC005256
- R-NT2RP3002876//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 50024, WORKING
30 DRAFT SEQUENCE//2.6e-59:311:96//AL034380
- R-NT2RP3002877//Homo sapiens Xp22 bins 87-93 PAC RPC11-122K4 (Roswell Park Cancer Institute Human
PAC Library) complete sequence//4.6e-24:422:63//AC003035
- R-NT2RP3002909//Homo sapiens mRNA for KIAA0771 protein, partial cds//4.7e-109:570:95//AB018314
- R-NT2RP3002911//Homo sapiens BAC clone GS166A23 from 7p21, complete sequence//3.1e-16:471:64//
35 AC005014
- R-NT2RP3002948//, complete sequence//4.5e-94:516:93//AC005500
- R-NT2RP3002953//Homo sapiens chromosome 5, BAC clone 34j15 (LBNL H169), complete sequence//3.4e-111:
566:96//AC005754
- R-NT2RP3002955//Plasmodium falciparum chromosome 2, section 28 of 73 of the complete sequence//0.19:424:
40 58//AE001391
- R-NT2RP3002969//Rat mRNA for brain acyl-CoA synthetase II, complete cds//1.1e-89:562:88//D30666
- R-NT2RP3002972//Stealth virus 5 clone C1311 T7 genomic sequence//1.0:122:67//AF067482
- R-NT2RP3002978//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 455J7, WORKING
DRAFT SEQUENCE//4.8e-05:249:63//AL031733
- 45 R-NT2RP3002988//Human DNA sequence from PAC 106H8 on chromosome 1q24. Contains PHOSPHATI-
DYLINISITOL-GLYCAN class C (PIG-C) and DYNAMIN-3 genes. Contains ESTs and STSs and a CpG island//
0.0097:246:67//Z97195
- R-NT2RP3003008//Mus musculus major histocompatibility locus class III regions Hsc70t gene, partial cds; smRNP,
G7A, NG23, MutS homolog, CLCP, NG24, NG25, and NG26 genes, complete cds; and unknown genes//1.9e-24:
50 188:78//AF109905
- R-NT2RP3003032//Arabidopsis thaliana (clone DW1) DNA retrotransposon Ta11-1 integration site//5.3e-07:376:
63//L47211
- R-NT2RP3003059//Homo sapiens chromosome 3, clone hRPK.165_I_16, complete sequence//1.4e-13:323:66//
AC005669
- 55 R-NT2RP3003061//Homo sapiens mRNA from HIV associated non-Hodgkin's lymphoma (clone hll-10)//3.8e-42:
265:91//Y16708
- R-NT2RP3003068//HS_3214_B2_G09_T7 CIT Approved Human Genomic Sperm Library D Homo sapiens ge-
nomic clone Plate=3214 Col=18 Row=N, genomic survey sequence//0.025:207:64//AQ181894

- R-NT2RP3003071//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 510D11, WORKING DRAFT SEQUENCE.//0.00014:329:60//Z98044
- R-NT2RP3003078//T26A1 TF TAMU Arabidopsis thaliana genomic clone T26A1, genomic survey sequence.//0.95:219:63//B27013
- 5 R-NT2RP3003101//Plasmodium falciparum 3D7 chromosome 12 PFYAC812 genomic sequence, WORKING DRAFT SEQUENCE, 8 unordered pieces.//1.4e-05:285:62//AC004153
- R-NT2RP3003121//Homo sapiens full-length insert cDNA clone ZD62D10.//2.1e-47:242:98//AF086348
- R-NT2RP3003133//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 228H13, WORKING DRAFT SEQUENCE.//1.4e-21:199:75//AL031985
- 10 R-NT2RP3003138//Mouse kif4 mRNA for microtubule-based motor protein KIF4, complete cds.//5.1e-14:287:68//D12646
- R-NT2RP3003139//Rattus norvegicus kappa opioid receptor gene, exon 4 and complete cds.//1.5e-13:122:80//U17995
- R-NT2RP3003150
- 15 R-NT2RP3003157//Homo sapiens 12q15 BAC GSHB-410F4 (Genome Systems Human Bac Library) complete sequence.//5.5e-42:289:74//AC005294
- R-NT2RP3003185//HS_2058_A1_H03_T7 CIT Approved Human Genomic Sperm Library D Homo sapiens genomic clone Plate=2058 Col=5 Row=O, genomic survey sequence.//0.025:52:94//AQ231298
- R-NT2RP3003193//Homo sapiens chromosome 17, clone hRPK.628_E_12, complete sequence.//4.8e-40:349:79//AC005701
- 20 R-NT2RP3003197//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 364I1, WORKING DRAFT SEQUENCE.//5.2e-10:180:71//AL031319
- R-NT2RP3003203//Mus musculus IFN alpha-treated embryonic fibroblast mRNA.//1.8e-11:148:77//U51904
- R-NT2RP3003204//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 892F13, WORKING DRAFT SEQUENCE.//6.6e-41:282:86//AL009183
- 25 R-NT2RP3003212//Homo sapiens full-length insert cDNA clone ZB91B11.//1.7e-68:363:95//AF086173
- R-NT2RP3003230//Caenorhabditis elegans cosmid T12B5.//0.0018:279:64//AF100307
- R-NT2RP3003242//Homo sapiens chromosome 7 clone UWGC:g3586a160 from 7p14-15, complete sequence.//1.0:346:57//AC005272
- 30 R-NT2RP3003251//Homo sapiens BAC clone RG060N22 from 7q21, complete sequence.//2.5e-10:436:62//AC003083
- R-NT2RP3003264//CIT-HSP-2296M7.TR CIT-HSP Homo sapiens genomic clone 2296M7, genomic survey sequence.//5.8e-05:308:61//AQ005862
- R-NT2RP3003278//Human HepG2 partial cDNA, clone hmd3b11 m5.//9.4e-47:302:89//D17022
- 35 R-NT2RP3003282//Homo sapiens dynamin (DNM) mRNA, complete cds.//7.4e-101:550:93//L36983
- R-NT2RP3003290//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 460J8, WORKING DRAFT SEQUENCE.//3.0e-22:228:78//AL031662
- R-NT2RP3003301
- 40 R-NT2RP3003302//CIT-HSP-2319H19.TF CIT-HSP Homo sapiens genomic clone 2319H19, genomic survey sequence.//1.5e-69:367:95//AQ034950
- R-NT2RP3003311//Plasmodium falciparum 3D7 chromosome 12 PFYAC181 genomic sequence, WORKING DRAFT SEQUENCE, 8 unordered pieces.//5.1e-08:398:64//AC005505
- R-NT2RP3003313//Caenorhabditis elegans cosmid F39B1, complete sequence.//0.00022:436:58//Z69660
- 45 R-NT2RP3003327//Homo sapiens Chromosome 16 BAC clone CIT987-SKA-237H1 ~complete genomic sequence, complete sequence.//1.5e-16:334:70//AC002287
- R-NT2RP3003330//Homo sapiens full-length insert cDNA YI24C02.//4.4e-96:458:99//AF075015
- R-NT2RP3003344//HS_3235_B2_H09_T7 CIT Approved Human Genomic Sperm Library D Homo sapiens genomic clone Plate=3235 Col=18 Row=P, genomic survey sequence.//4.1e-18:197:80//AQ303203
- R-NT2RP3003346
- 50 R-NT2RP3003353//CITBI-E1-2523B18.TR CITBI-E1 Homo sapiens genomic clone 2523B18, genomic survey sequence.//8.3e-06:130:73//AQ278834
- R-NT2RP3003377//Homo sapiens clone DJ0919J22, WORKING DRAFT SEQUENCE, 34 unordered pieces.//1.9e-97:481:94//AC005519
- R-NT2RP3003384//Homo sapiens clone DJ0038I10, WORKING DRAFT SEQUENCE, 5 unordered pieces.//2.3e-10:226:71//AC004820
- 55 R-NT2RP3003385
- R-NT2RP3003403//Human DNA sequence from clone 227L5 on chromosome Xp11.22-11.3. Contains a Keratin, Type 1 Cytoskeletal 18 (KRT18, CYK18, K18, CK18) pseudogene and an STS, complete sequence.//2.8e-40:496:

- 72//AL031585
 R-NT2RP3003409//Rat POU domain factor (Brn-5) mRNA//1.5e-20:375:68//L23204
 R-NT2RP3003411//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 438L4, WORKING
 DRAFT SEQUENCE//1.0:180:61//Z97635
- 5 R-NT2RP3003427//RPC111-45J23.TJ RPC111 Homo sapiens genomic clone R-45J23, genomic survey se-
 quence//0.82:162:69//AQ195566
 R-NT2RP3003433//Homo sapiens BAC clone NH0044G14 from 7q11.23-21.1, complete sequence//1.1e-10:379:
 61//AC006031
- 10 R-NT2RP3003464//Homo sapiens rab3-GAP regulatory domain mRNA, complete cds//1.1e-95:479:96//
 AF004828
 R-NT2RP3003490//Homo sapiens mRNA for KIAA0725 protein, partial cds//1.3e-100:527:93//AB018268
 R-NT2RP3003491//Plasmodium falciparum chromosome 2, section 35 of 73 of the complete sequence//4.0e-08:
 495:59//AE001398
- 15 R-NT2RP3003500//W.suaveolens mitochondrial ATP9 gene//0.0074:514:59//X77238
 R-NT2RP3003543//Human clone A9A2BRB7 (CAC)n(GTG)n repeat-containing mRNA//1.3e-31:217:88//
 U00952
 R-NT2RP3003552
 R-NT2RP3003555//Dictyostelium discoideum interaptin (abpD) gene, complete cds//0.98:321:61//AF057019
 R-NT2RP3003564
- 20 R-NT2RP3003572//Human DNA sequence from BAC 992D9 on chromosome 22q12.1 contains STS//0.0015:507:
 59//AL008638
 R-NT2RP3003576//Human Chromosome 16 BAC clone CIT987SK-A-61E3, complete sequence//1.2e-39:359:
 79//AC003007
- 25 R-NT2RP3003589//Plasmodium falciparum MAL3P8, complete sequence//0.014:539:58//AL034560
 R-NT2RP3003625//Human DNA sequence from clone 1042K10 on chromosome 22q13.1-13.2. Contains the AD-
 SL gene for Adenylosuccinate lyase (EC 4.3.2.2, Adenylosuccinase, ASL) and 4 novel genes (one with probable
 rabGAP domains and Src homology domain 3). Contains ESTs, STSs, GSSs and a putative CpG island, complete
 sequence//1.8e-44:448:77//AL022238
- 30 R-NT2RP3003656//Homo sapiens chromosome 17, clone hRPK.401_O_9, complete sequence//0.34:257:62//
 AC005291
 R-NT2RP3003659//O.fuscipennis 16S rRNA gene, partial//0.021:145:65//Z93701
 R-NT2RP3003665//HS_3078_B2_C09_MR CIT Approved Human Genomic Sperm Library D Homo sapiens ge-
 nomic clone Plate=3078 Col=18 Row=F, genomic survey sequence//1.3e-75:397:95//AQ140580
- 35 R-NT2RP3003672
 R-NT2RP3003686
 R-NT2RP3003701//Human BAC clone GS310A05 from 7q21-q22, complete sequence//6.4e-17:464:62//
 AC002452
- 40 R-NT2RP3003716//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 774G10, WORKING
 DRAFT SEQUENCE//0.00072:425:62//AL034410
 R-NT2RP3003726//Homo sapiens mRNA for KIAA0757 protein, complete cds//1.7e-101:492:97//AB018300
 R-NT2RP3003746//Homo sapiens Chromosome 16 BAC clone CIT987-SK502C10, complete sequence//3.7e-
 07:217:66//AC003009
- 45 R-NT2RP3003795//Human DNA sequence from clone 505B13 on chromosome 1p36.2-36.3 Contains CA repeat
 and GSSs, complete sequence//8.1e-26:456:68//Z98052
 R-NT2RP3003799//cSRL-138g10-u cSRL flow sorted Chromosome 11 specific cosmid Homo sapiens genomic
 clone cSRL-138g10, genomic survey sequence//4.9e-09:117:77//B01736
- 50 R-NT2RP3003800//Homo sapiens tyrosine kinase pp60c-src (SRC) gene, exon 12 and partial cds//2.8e-106:551:
 95//AF077754
 R-NT2RP3003805
- 55 R-NT2RP3003809//Homo sapiens full-length insert cDNA clone YZ95A01//3.6e-106:533:97//AF086107
 R-NT2RP3003819//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 34606, WORKING
 DRAFT SEQUENCE//6.0e-44:288:81//Z84487
 R-NT2RP3003825//Mus domesticus interleukin 1 receptor antagonist (IL-1RA) mRNA//0.0014:410:58//M64404
 R-NT2RP3003828
- R-NT2RP3003831//****ALU WARNING: Human Alu-J subfamily consensus sequence//2.3e-41:289:85//U14567
 R-NT2RP3003833//Homo sapiens clones 24718 and 24825 mRNA sequence//1.6e-108:541:97//AF070611
 R-NT2RP3003842//Homo sapiens Xp22 BAC 620F15 (Genome Systems BAC library) complete sequence//1.5e-
 46:457:74//AC002980

- R-NT2RP3003846//Plasmodium falciparum MAL3P3, complete sequence.//3.5e-06:356:62//Z98547
 R-NT2RP3003870//Homo sapiens full-length insert cDNA clone ZD75H11 //8.2e-09:68:98//AF086402
 R-NT2RP3003876//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 1018D12, WORK-
 ING DRAFT SEQUENCE.//0.0027:180:66//AL031650
 5 R-NT2RP3003914//Dictyostelium discoideum DNA for transposable element Tdd-3 tandem array.//0.029:234:62//
 X53439
 R-NT2RP3003918
 R-NT2RP3003932//Mus musculus MRC OX-2 antigen homolog gene, exons 2-5, and complete cds//0.00087:164:
 67//AF029215
 10 R-NT2RP3003989
 R-NT2RP3003992//Sequence 1 from patent US 5591825 //0.56:235:59//I33465
 R-NT2RP3004013//HS_3018_A1_G09_MR CIT Approved Human Genomic Sperm Library D Homo sapiens ge-
 nomic clone Plate=3018 Col=17 Row=M, genomic survey sequence.//0.00026:421:60//AQ119904
 R-NT2RP3004016//Drosophila melanogaster DNA sequence (P1s DS03465 (D149) and DS08544 (D187)), com-
 15 plete sequence.//4.8e-12:308:62//AC004532
 R-NT2RP3004041//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 598F2, WORKING
 DRAFT SEQUENCE.//0.42:190:64//AL021579
 R-NT2RP3004051//Homo sapiens chromosome 19, BAC CIT-B-191n6, complete sequence.//3.6e-21:332:69//
 AC006130
 20 R-NT2RP3004070//Plasmodium falciparum 3D7 chromosome 12 PFYAC492 genomic sequence, WORKING
 DRAFT SEQUENCE, 5 unordered pieces.//2.0e-05:476:57//AC005308
 R-NT2RP3004078//Homo sapiens chromosome 19, cosmid R30335, complete sequence.//2.0e-86:486:93//
 AC005784
 R-NT2RP3004093//Human PAC clone 257C22A from 13q12-q13, complete sequence.//5.3e-11:230:69//
 25 AC002525
 R-NT2RP3004095//Homo sapiens clone NH0486122, WORKING DRAFT SEQUENCE, 5 unordered pieces.//7.5e-
 93:551:92//AC005038
 R-NT2RP3004110//Homo sapiens 12p13.3 PAC RPCI5-940J5 (Roswell Park Cancer Institute Human PAC Library)
 complete sequence.//1.6e-104:317:100//AC006064
 30 R-NT2RP3004125//Pongo pygmaeus CT microsatellite, clone #3, from the tandemly repeated genes encoding U2
 small nuclear RNA (RNU2 locus).//0.73:168:60//U36532
 R-NT2RP3004145//Homo sapiens full-length insert cDNA clone ZE09H03.//2.3e-89:427:99//AF086542
 R-NT2RP3004148//Arabidopsis thaliana chromosome II BAC T1B8 genomic sequence, complete sequence.//
 0.013:134:70//U78721
 35 R-NT2RP3004155//Homo sapiens PAC clone DJ0320J15 from Xq23, complete sequence.//3.8e-10:101:87//
 AC004081
 R-NT2RP3004206//Homo sapiens clone DJ0794K21, complete sequence.//1.5e-06:442:57//AC005533
 R-NT2RP3004207//Mouse mRNA for seizure-related gene product 6 //1.7e-07:220:69//D29763
 R-NT2RP3004209//Human cosmid Q7A10 (D21S246) insert DNA, complete sequence.//7.3e-89:504:92//D42052
 40 R-NT2RP3004215//Caenorhabditis elegans cosmid F11A6, complete sequence.//0.018:353:59//Z81498
 R-NT2RP3004242//Plasmodium falciparum chromosome 2, section 52 of 73 of the complete sequence.//4.5e-06:
 407:60//AE001415
 R-NT2RP3004246//Homo sapiens chromosome 10 clone CIT987SK-1010K1 map 10q25, complete sequence.//
 2.8e-105:534:97//AC005385
 45 R-NT2RP3004253//RPCI11-78J12.TJ RPCI11 Homo sapiens genomic clone R-78J12, genomic survey se-
 quence.//4.0e-64:382:90//AQ281324
 R-NT2RP3004258//Rattus norvegicus Zis mRNA, complete cds.//7.0e-60:417:84//AF013967
 R-NT2RP3004262//Mus musculus heat shock protein hsp40-3 gene, complete cds.//2.7e-43:528:73//AF092536
 R-NT2RP3004334//Homo sapiens chromosome 17, clone hRPC.1110_E_20, complete sequence.//1.4e-06:435:
 50 62//AC004231
 R-NT2RP3004341//CITBI-E1-2503F11.TR CITBI-E1 Homo sapiens genomic clone 2503F11, genomic survey se-
 quence.//0.0018:210:65//AQ263365
 R-NT2RP3004348//Homo sapiens chromosome 17, clone hRPK.85_B_7, complete sequence.//7.1 e-46:340:83//
 AC005695
 55 R-NT2RP3004349//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 117O3, WORKING
 DRAFT SEQUENCE.//9.4e-29:263:79//AL020995
 R-NT2RP3004378//Human DNA sequence from PAC 27K14 on chromosome Xp11.3-Xp11.4. Contains monoam-
 ine oxidase B (MAOB), ESTs and polymorphic CA repeats.//2.0e-67:422:90//Z95125

- R-NT2RP3004399//HS_3046_A1_E02_MR CIT Approved Human Genomic Sperm Library D Homo sapiens genomic clone Plate=3046 Col=3 Row=I, genomic survey sequence//0.00014:186:67//AQ137619
- R-NT2RP3004424//RPC111-59I14.TJ RPC111 Homo sapiens genomic clone R-59I14, genomic survey sequence//7.4e-71:370:95//AQ201461
- 5 R-NT2RP3004428//Caenorhabditis elegans DNA *** SEQUENCING IN PROGRESS *** from clone Y66A7, WORKING DRAFT SEQUENCE//0.096:205:64//AL022282
- R-NT2RP3004451//Arabidopsis thaliana chromosome II BAC F15K20 genomic sequence, complete sequence//0.0029:396:60//AC005824
- R-NT2RP3004454//Homo sapiens mRNA for KIAA0448 protein, complete cds//2.9e-106:526:98//AB007917
- 10 R-NT2RP3004466
- R-NT2RP3004470//Homo sapiens chromosome 5, Bac clone 5m9 (LBNL H220), complete sequence//8.3e-06:229:64//AC005895
- R-NT2RP3004472//Plasmodium falciparum 3D7 chromosome 12 PFYAC1383 genomic sequence, WORKING DRAFT SEQUENCE, 3 unordered pieces//0.87:442:59//AC005504
- 15 R-NT2RP3004475//Homo sapiens mRNA for KIAA0456 protein, partial cds//1.6e-105:521:97//AB007925
- R-NT2RP3004480//Mus musculus maternal-embryonic 3 (Mem3) mRNA, complete cds//3.9e-38:322:81//U47024
- R-NT2RP3004490//Homo sapiens PAC clone 166H1 from 12q, complete sequence//4.2e-96:527:92//AC003982
- R-NT2RP3004498//Homo sapiens clone DJ1147A01, WORKING DRAFT SEQUENCE, 25 unordered pieces//2.3e-43:342:82//AC006023
- 20 R-NT2RP3004503//Human cosmid g1572c101, complete sequence//2.3e-25:392:68//AC000357
- R-NT2RP3004504//M.musculus mRNA for CPEB protein//1.8e-28:387:70//Y08260
- R-NT2RP3004507
- R-NT2RP3004527//Homo sapiens chromosome 14, BAC CITB-135H17 containing the RAD51L1 gene, complete sequence//0.68:244:62//AC004518
- 25 R-nnnnnnnnnnn//Mouse oncogene (ect2) mRNA, complete cds//2.6e-79:525:84//L11316
- R-NT2RP3004544
- R-NT2RP3004566
- R-NT2RP3004569//Plasmodium falciparum 3D7 chromosome 12 PFYAC1122 genomic sequence, WORKING DRAFT SEQUENCE, 3 unordered pieces//0.96:296:58//AC004709
- 30 R-NT2RP3004572//Homo sapiens BAC clone RG281G05 from 7p15-p21, complete sequence//8.2e-12:457:63//AC005083
- R-NT2RP3004578//Homo sapiens mRNA for KIAA0477 protein, complete cds//2.4e-97:488:96//AB007946
- R-NT2RP3004594//Homo sapiens BAC clone NH0436H22 from 2, complete sequence//1.7e-10:368:61//AC005234
- 35 R-NT2RP3004617
- R-NT2RP3004618//F2H16TF IGF Arabidopsis thaliana genomic clone F2H16, genomic survey sequence//0.96:212:64//B26414
- R-NT2RP3004670//Homo sapiens GN6ST mRNA for N-acetylglucosamine-6-O-sulfotransferase (GlcNAc6ST), complete cds//2.2e-55:291:95//AB014679
- 40 R-NT2RP4000008//H.sapiens polyA site DNA sequence//2.5e-25:202:85//Z24749
- R-NT2RP4000023//CIT-HSP-2372A9.TF CIT-HSP Homo sapiens genomic clone 2372A9, genomic survey sequence//3.6e-51:313:89//AQ112388
- R-NT2RP4000035//Homo sapiens clone GS166C05, WORKING DRAFT SEQUENCE, 7 unordered pieces//4.3e-69:536:81//AC005015
- 45 R-NT2RP4000049//Homo sapiens TRAIL receptor 2 mRNA, complete cds//2.1e-58:289:82//AF016266
- R-NT2RP4000051//Homo sapiens Chromosome 22q11.2 Cosmid Clone 20b In DGCR Region, complete sequence//0.56:462:58//AC000074
- R-NT2RP4000078//Plasmodium falciparum 3D7 chromosome 12 PFYAC357 genomic sequence, WORKING DRAFT SEQUENCE, 7 unordered pieces//0.00021:460:60//AC005506
- 50 R-NT2RP4000102//Homo sapiens chromosome 5, PAC clone 17e19 (LBNL H148), complete sequence//1.6e-08:518:58//AC004648
- R-NT2RP4000109//Homo sapiens mRNA for MEGF5, partial cds//3.5e-106:536:96//AB011538
- R-NT2RP4000129//Homo sapiens mRNA for KIAA0483 protein, partial cds//1.1e-110:554:97//AB007952
- R-NT2RP4000147
- 55 R-NT2RP4000150//Rat proto-oncogene (Ets-1) mRNA, complete cds//3.5e-46:395:83//L20681
- R-NT2RP4000151
- R-NT2RP4000159//Caenorhabditis elegans cosmid R02F11//0.00011:261:63//AF016439
- R-NT2RP4000167//RPC111-59L8.TK RPC111 Homo sapiens genomic clone R-59L8, genomic survey sequence//

6.2e-26:163:93//AQ200049
R-NT2RP4000185
R-NT2RP4000210//Homo sapiens mRNA for KIAA0700 protein, partial cds.//4.6e-99:505:96//AB014600
R-NT2RP4000212//, complete sequence.//1.0e-106:538:96//AC005300
5 R-NT2RP4000214//Homo sapiens chromosome 19, CIT-HSP-444n24, complete sequence.//1.2e-39:272:88//
AC005261
R-NT2RP4000218//Homo sapiens PAC clone DJ0320J15 from Xq23, complete sequence.//1.6e-09:457:60//
AC004081
R-NT2RP4000243//Homo sapiens mRNA for cartilage-associated protein (CASP) //9.0e-69:354:96//AJ006470
10 R-NT2RP4000246//Mus musculus mRNA for NDPP-1 protein, complete cds.//2.0e-27:344:73//D10727
R-NT2RP4000259//Homo sapiens clone 683 unknown mRNA, complete sequence.//9.7e-78:381:99//AF091092
R-NT2RP4000263//CIT-HSP-2336N24.TF CIT-HSP Homo sapiens genomic clone 2336N24, genomic survey se-
quence.//0.26:124:69//AQ043515
R-nnnnnnnnnnnn//ORF 5' of ECLF2...ECRF3=G protein-coupled receptor homolog [herpesvirus saimiri HVS, host-
15 squirrel monkey, Genomic, 4 genes, 3720 nt].//0.12:326:61//S76368
R-NT2RP4000312//Human DNA sequence from clone 523E19 on chromosome 6p11.2-12.3 Contains ESTs STS
and GSSs, complete sequence.//2.2e-111:538:98//AL033384
R-NT2RP4000321//Homo sapiens clone 24453 mRNA sequence.//1.4e-108:515:99//AF070524
R-NT2RP4000323//S.cerevisiae telomeric sequence DNA, clone YLP108CA-2-i.//0.048:107:69//M34311
20 R-NT2RP4000355//Homo sapiens clone DJ1136A10, WORKING DRAFT SEQUENCE, 4 unordered pieces.//4.3e-
39:350:79//AC004972
R-NT2RP4000360//Homo sapiens mRNA for KIAA0738 protein, complete cds.//2.4e-109:520:99//AB018281
R-NT2RP4000367//Homo sapiens IkappaB kinase complex associated protein (IKAP) mRNA, complete cds.//
8.7e-109:527:98//AF044195
25 R-NT2RP4000370//Homo sapiens PAC clone DJ0777Q23 from 7p14-p15, complete sequence.//9.9e-25:348:72//
AC005154
R-NT2RP4000376//Rattus norvegicus phospholipase A-2-activating protein (plap) mRNA, complete cds.//2.2e-
69:391:89//U17901
R-NT2RP4000381//Homo sapiens chromosome 17, clone hRPK.394_K_10, complete sequence.//0.066:197:63//
30 AC006080
R-NT2RP4000415//345F19.TV CIT978SKA1 Homo sapiens genomic clone A-345F19, genomic survey se-
quence.//0.10:79:75//B15527
R-NT2RP4000417//Homo sapiens full-length insert cDNA clone ZD52B10.//9.6e-96:468:97//AF086313
R-NT2RP4000424//Homo sapiens DNA sequence from PAC 127D3 on chromosome 1q23-25. Contains FMO2
35 and FMO3 genes for Flavin-containing Monooxygenase 2 and Flavin-containing Monooxygenase 3 (Dimethyl-
aniline Monooxygenase (N-Oxide 3, EC1.14.13.8, Dimethylaniline Oxidase 3, FMO II, FMO 3), and a gene for
another, unknown, Flavin-containing Monooxygenase family protein. Contains ESTs and GSSs, complete se-
quence.//1.8e-08:489:59//AL021026
R-NT2RP4000448//Plasmodium falciparum 3D7 chromosome 12 PFYAC181 genomic sequence, WORKING
40 DRAFT SEQUENCE, 8 unordered pieces.//3.3e-07:510:60//AC005505
R-NT2RP4000449//HS_2037_B2_A09_T7 CIT Approved Human Genomic Sperm Library D Homo sapiens ge-
nomic clone Plate=2037 Col=18 Row=B, genomic survey sequence.//1.3e-58:375:88//AQ243047
R-NT2RP4000455//Phocine herpesvirus type 1 glycoprotein D (gD) gene, partial cds.//0.62:133:63//U92271
R-nnnnnnnnnnnn
45 R-NT2RP4000480//cSRL-54b11-u cSRL flow sorted Chromosome 11 specific cosmid Homo sapiens genomic
clone CSRL-54b11, genomic survey sequence.//2.1e-19:145:88//B05082
R-nnnnnnnnnnnn
R-NT2RP4000500
R-NT2RP4000515//Plasmodium falciparum 3D7 chromosome 12 PFYACB8-420 genomic sequence, WORKING
50 DRAFT SEQUENCE, 14 unordered pieces.//1.4e-05:411:59//AC005140
R-NT2RP4000517//Human Chromosome 16 BAC clone CIT987SK-A-61E3, complete sequence.//2.7e-21:230:
77//AC003007
R-NT2RP4000518//Homo sapiens DNA sequence from PAC 206D15 on chromosome 1q24. Contains a Reduced
Folate Carrier protein (RFC) LIKE gene, a mitochondrial ATP Synthetase protein 8 (ATP8, MTATP8) LIKE pseu-
55 dogene, an unknown gene and the last exon of the JEM1 gene coding for the Basic-Leucine Zipper nuclear factor
JEM-1. Contains ESTs, an STS and a BAC end sequence (GSS), complete sequence.//0.0080:461:59//AL021068
R-NT2RP4000519
R-NT2RP4000524

- R-NT2RP4000528//Homo sapiens chromosome 17, clone hRPK.138_P_22, complete sequence.//0.99:158:66//AC005697
- R-NT2RP4000541//Homo sapiens Chromosome 22q11.2 Cosmid Clone 33e In DGCR Region, complete sequence.//1.0:309:59//AC000078
- 5 R-NT2RP4000556//Rattus norvegicus cell cycle protein p55CDC gene, complete cds.//0.0031:126:72//AF052695
- R-NT2RP4000588//Homo sapiens BAC clone RG208K23 from 7q31, complete sequence.//1.0:186:64//AC004161
- R-NT2RP4000614//Plasmodium falciparum DNA *** SEQUENCING IN PROGRESS *** from contig 3-62, complete sequence.//1.4e-06:526:58//AL009013
- 10 R-NT2RP4000638//Homo sapiens chromosome 17, clone hCIT.468_F_23, WORKING DRAFT SEQUENCE, 3 unordered pieces.//6.9e-48:497:75//AC004666
- R-NT2RP4000648//CIT-HSP-2300I7.TR CIT-HSP Homo sapiens genomic clone 2300I7, genomic survey sequence.//0.22:110:68//AQ012747
- R-NT2RP4000657//Lycodichthys dearborni type III antifreeze peptide gene, clone 5'LD-1/NotI-EcoRI subclone SphI-XbaI, partial cds.//0.0065:189:63//U20443
- 15 R-NT2RP4000704//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 409J21, WORKING DRAFT SEQUENCE.//0.22:334:60//Z83824
- R-NT2RP4000724//Homo sapiens Chromosome 22q11.2 Cosmid Clone 56c In DGCR Region, complete sequence.//2.2e-70:448:88//AC000080
- 20 R-NT2RP4000728//CIT-HSP-2310K14.TF CIT-HSP Homo sapiens genomic clone 2310K14, genomic survey sequence.//0.00013:289:61//AQ019669
- R-NT2RP4000739//Homo sapiens chromosome 12p13.3, WORKING DRAFT SEQUENCE, 21 unordered pieces.//0.53:254:61//AC004765
- R-NT2RP4000781//P.cepacia fusaric acid-resistance genes encoding 5 proteins, complete cds.//1.0:392:59//D12503
- 25 R-NT2RP4000817//Homo sapiens Xp22 BAC GSHB 526D21 (Genome Systems Human BAC library) complete sequence.//0.59:378:58//AC003037
- R-NT2RP4000833//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone Y313F4, WORKING DRAFT SEQUENCE.//3.4e-53:307:85//AL023808
- R-NT2RP4000837//Homo sapiens T-cell receptor alpha delta locus from bases 501613 to 752736 (section 3 of 5) of the Complete Nucleotide Sequence.//7.0e-50:367:77//AE000660
- 30 R-NT2RP4000855
- R-NT2RP4000865//Homo sapiens chromosome 17, clone HRPC905N1, complete sequence.//1.5e-78:479:88//AC003098
- R-NT2RP4000878//Mus musculus mRNA for myeloid associated differentiation protein.//4.5e-09:186:69//AJ001616
- 35 R-NT2RP4000879//Plasmodium falciparum 3D7 chromosome 12 PFYAC812 genomic sequence, WORKING DRAFT SEQUENCE, 8 unordered pieces.//7.8e-08:364:60//AC004153
- R-nnnnnnnnnnnn//Human S-adenosylmethionine decarboxylase (AMD1) gene, exons 5-9.//3.5e-90:459:96//M88006
- 40 R-nnnnnnnnnnnn//H.sapiens ung gene for uracil DNA-glycosylase.//7.6e-09:392:61//X89398
- R-NT2RP4000925//Rattus norvegicus Shal-related potassium channel Kv4.3 mRNA, complete cds.//5.8e-45:264:92//U42975
- R-nnnnnnnnnnnn//epstein-barr virus simple repeat array (ir3).//0.00012:367:61//J02079
- 45 R-NT2RP4000928//Arabidopsis thaliana genomic DNA, chromosome 5, P1 clone: MCL19, complete sequence.//1.0:138:68//AB006698
- R-NT2RP4000929//Human DNA sequence from PAC 293L6 on chromosome 22, complete sequence.//0.45:288:62//Z82197
- R-NT2RP4000955//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 633O19, WORKING DRAFT SEQUENCE.//1.1e-09:322:62//AL022302
- 50 R-NT2RP4000973//Homo sapiens X-linked anhidrotic ectodermal dysplasia protein gene (EDA), exon 2 and flanking repeat regions.//2.3e-06:326:62//AF003528
- R-NT2RP4000975
- R-NT2RP4000979//HS_3009_B1_F08_MR CIT Approved Human Genomic Sperm Library D Homo sapiens genomic clone Plate=3009 Col=15 Row=L, genomic survey sequence.//2.3e-14:117:89//AQ090957
- 55 R-NT2RP4000984//Human immunodeficiency virus type 1 envelope glycoprotein (env) gene, C2-V3 region, isolate HIV194UG011TIN.01_di1PD, partial cds.//0.11:219:62//U44882
- R-NT2RP4000989//Sequence 30 from patent US 5552281.//3.5e-25:154:97//I25669
- R-NT2RP4000996//Plasmodium falciparum strain Dd2 heat shock protein 86 (HSP86), O1 (o1), O3 (o3), O2 (o2),

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RG-127, and Cdx-1 (Fig. 7) genes, complete sequence of the human R-NT2RP4000997//Homo sapiens chromosome 17, clone 104H12, complete sequence//4.2e-37.499:72//AC000003

R-NT2RP4001006/Homo sapiens clone DJ1147A01, WORKING-DRAFT SEQUENCE, 25 unordered pieces//
Z1e-55.372.73//AC006023

R-NT2RP4001029//Mus domesticus nuclear binding factor NF2d9 mRNA, complete cds//2.1e-34:361:78//U20086

B-NT2BP4001057//Homo sapiens KIAA0399 mRNA, partial cds//6.2e-50:282:94//AB007859

R-NT2BP4001078//Human D-site binding protein gene, exon 4 and complete cds.//1.9e-114:569:97//U48213

AJ010953

R-nnnnnnnnnnnnn//Homo sapiens mRNA for KIAA0592 protein, partial cds./1.8e-119:548:95//AB011164

R-NT2RP4001100/Human DNA sequence from cosmid U85A3; between markers DXS366 and DXS87 on chromosome X contains *rad21* and T-cell cyclophorin pseudogenes. STS//8.7e-41:389.78/Z78021

R-NT2RP4001122//*Caenorhabditis elegans* cosmid F44D12, complete sequence.//0.97:129:66//Z68298

R-NT2RP4001138

R-NT2RP4001148//Homo sapiens clone RG332P12, WORKING DRAFT SEQUENCE, 1 unordered pieces//1.2e-83:325.92//AC005095

R-NT2R

R-NT2BP4001159//Cloning vector pAP3neo DNA, complete sequence.//4.0e-118:437:97//AB003468

B-nnnnnnnnnnnnnnn//P.falciparum mRNA for AABP2 protein./0.93:187:64/Y08924

R-NT2RP4001207

R-NT2RP4001213//Human zinc finger protein 20 (ZNF20) pentanucleotide repeat polymorphism.//4.7e-16:371:66//M99593

R-NT2RP4001228//Plasmodium falciparum DNA *** SEQUENCING IN PROGRESS *** from MAL1P2, WORKING
 DRAFT SEQUENCE //0.024:357:58//AL031745

R-NT2RP4001256//HS_3007_A2_B06_T7 CIT Approved Human Genomic Sperm Library D Homo sapiens genomic clone Plate=3007 Col=12 Row=C, genomic survey sequence//1 5e-11:140:80//AQ118389

R-NT2RP4001274//RPCI11-24O21.TKBF RPCI-11 Homo sapiens genomic clone RPCI-11-24O21, genomic survey sequence //3 9e-25:142:99//AQ013887

- R-nnnnnnnnnnnn//Homo sapiens full-length insert cDNA clone ZD55D10//1.2e-10:90:92//AF086334
 R-NT2RP4001313//Mus musculus orphan nuclear hormone receptor (CAR) gene, complete sequence//7.7e-23:466:66//AF009326
- 5 R-NT2RP4001315//CIT-HSP-2312C6.TR CIT-HSP Homo sapiens genomic clone 2312C6, genomic survey sequence//0.98:305:62//AQ018036
 R-NT2RP4001339
 R-NT2RP4001345
 R-NT2RP4001351//Fruitfly strain g20 mitochondrial DNA, A+T-rich region, partial sequence//0.00082:260:59//AB003097
- 10 R-NT2RP4001353//RPCI11-55N17.TJ RPCI11 Homo sapiens genomic clone R-55N17, genomic survey sequence//0.74:106:66//AQ081821
 R-NT2RP4001372
 R-NT2RP4001373//Homo sapiens chromosome 17, clone hRPK.394_K_10, complete sequence//1.5e-09:473:60//AC006080
- 15 R-NT2RP4001375
 R-NT2RP4001379//CIT-HSP-2335A10.TF CIT-HSP Homo sapiens genomic clone 2335A10, genomic survey sequence//9.4e-41:441:75//AQ040083
 R-NT2RP4001389//Homo sapiens PAC clone DJ0740D02 from 7p14-p15, complete sequence//2.4e-22:276:73//AC004691
- 20 R-NT2RP4001407//Plasmodium falciparum 3D7 chromosome 12 PFYACB8-420 genomic sequence, WORKING DRAFT SEQUENCE, 14 unordered pieces//0.49:254:61//AC005140
 R-NT2RP4001414
 R-NT2RP4001433//Human prohibitin (PHB) gene, exons 1-7//6.6e-66:357:90//L14272
 R-NT2RP4001442//Plasmodium falciparum 3D7 chromosome 12 PFYAC492 genomic sequence, WORKING DRAFT SEQUENCE, 5 unordered pieces//0.11:307:59//AC005308
- 25 R-NT2RP4001447//cSRL-58d2-u cSRL flow sorted Chromosome 11 specific cosmid Homo sapiens genomic clone cSRL-58d2, genomic survey sequence//0.0039:112:71//B05220
 R-NT2RP4001474
 R-NT2RP4001483
- 30 R-NT2RP4001498//Plasmodium falciparum (clone Dd2) heat shock protein 86 gene, complete cds//1.2e-07:339:61//L34027
 R-NT2RP4001502//HS_2187_B1_C10_MR CIT Approved Human Genomic Sperm Library D Homo sapiens genomic clone Plate=2187 Col=19 Row=F, genomic survey sequence//1.3e-20:183:81//AQ214108
 R-NT2RP4001507//Arabidopsis thaliana chromosome 1 BAC T17H3 sequence, WORKING DRAFT SEQUENCE, 4 unordered pieces//0.15:333:62//AC005916
- 35 R-NT2RP4001524//Genomic sequence from Human 13, complete sequence//0.96:159:65//AC001226
 R-NT2RP4001529//Mus domesticus nuclear binding factor NF2d9 mRNA, complete cds//9.5e-34:337:80//U20086
 R-NT2RP4001547//Plasmodium falciparum 3D7 chromosome 12 PFYAC588 genomic sequence, WORKING DRAFT SEQUENCE, 2 unordered pieces//0.00027:336:63//AC004710
- 40 R-nnnnnnnnnnnn//Arabidopsis thaliana BAC T12H20//1.5e-11:517:60//AF080119
 R-NT2RP4001555//Human DNA sequence from PAC 481A17 on chromosome X contains ESTs//0.0069:305:62//Z82212
 R-NT2RP4001567//RPCI11-61A2.TJ RPCI11 Homo sapiens genomic clone R-61A2, genomic survey sequence//0.0072:180:60//AQ200771
- 45 R-NT2RP4001568
 R-NT2RP4001571//Trypanoplasma borreli kinetoplast ribosomal protein S12 (RPS12), putative cryptogene (GR11), 12S ribosomal RNA, and apocytochrome b (CYb) genes, primary transcripts, and cytochrome c oxidase subunit III (COIII) gene, complete cds//1.6e-09:555:58//U14181
 R-NT2RP4001574//HS_2247_B1_B05_MR CIT Approved Human Genomic Sperm Library D Homo sapiens genomic clone Plate=2247 Col=9 Row=D, genomic survey sequence//1.1e-41:254:90//AQ182345
- 50 R-NT2RP4001575//Human DNA sequence from clone 1033B10 on chromosome 6p21.2-21.31. Contains the BING5 gene, exons 11 to 15 of the BING4 gene, the gene for GalT3 (beta3-Galactosyltransferase), the RPS18 (40S ribosomal protein S18) gene, the SACM2L (suppressor of actin mutation 2, yeast, homolog) gene, a pseudogene similar to TAT-SF1, a Pseudogene similar to zinc finger genes, the RING1 gene, the gene for HKE6 (RING2), the gene for HKE4 (RING5), the RXRB (Retinoid X receptor beta) gene, the COL11A2 (collagen, type XI, alpha 2) gene, the HLA-DPB2 pseudogene and part of the HLA-DPA3 pseudogene. Contains predicted CpG islands, ESTs, STSs, and GSSs, complete sequence//1.1e-118:567:98//AL031228
- 55 R-NT2RP4001592//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 1018D12, WORKING

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DRAFT SEQUENCE //2.5e-09:370:61//AL031650
R-NT2RP4001610/Homo sapiens Xp22 Cosmids U15E4, U115H5, U132E12, U115B9 (Lawrence Livermore human cosmid library) complete sequence //0.99:73:75//AC002364
R-NT2RP4001614
5 R-NT2RP4001634/Homo sapiens full-length insert cDNA clone YU73B11 //5.8e-101:526:94//AF087969
R-NT2RP4001638/Homo sapiens clone 23967 unknown mRNA, partial cds //5.4e-115:559:97//AF007151
R-NT2RP4001644/M.musculus mRNA for map kinase interacting kinase, Mnk2 //6.8e-33:286:79//Y11092
R-NT2RP4001656/Human Chromosome 11 pac pDJ393o15, WORKING DRAFT SEQUENCE, 8 unordered pieces //2.2e-109:515:99//AC000384
10 R-NT2RP4001677/Genomic sequence from Human 9q34, complete sequence //0.19:504:58//AC000397
R-NT2RP4001696/Human chromosome 8 BAC clone CIT987SK-2A8 complete sequence //4.5e-115:583:96//U96629
R-NT2RP4001725/Human Chromosome 3 pac pDJ70i11, WORKING DRAFT SEQUENCE, 2 unordered pieces //0.98:301:60//AC000380
15 R-nnnnnnnnnnnn/Caenorhabditis elegans cosmid F48E3 //2.2e-17:328:64//U28735
R-NT2RP4001739/RPCI11-74E7.TJ RPCI11 Homo sapiens genomic clone R-74E7, genomic survey sequence //1.1e-08:141:65//AQ268408
R-NT2RP4001753/H.sapiens HZF3 mRNA for zinc finger protein //1.7e-111:552:96//X78926
R-NT2RP4001760/Mouse oncogene (ect2) mRNA, complete cds //9.3e-27:358:72//L11316
20 R-NT2RP4001790/Homo sapiens clone GS259H13, WORKING DRAFT SEQUENCE, 4 unordered pieces //1.7e-99:484:98//AC005020
R-NT2RP4001803/HS_3087_B2_B05_MF CIT Approved Human Genomic Sperm Library D Homo sapiens genomic clone Plate=3087 Col=10 Row=D, genomic survey sequence //2.7e-96:471:97//AQ121405
R-NT2RP4001822
25 R-NT2RP4001823
R-NT2RP4001828/Human DNA sequence from PAC 179115, BRCA2 gene region chromosome 13q12-q13 contains Klotho ESTs and CpG island //4.1e-14:136:83//Z92540
R-NT2RP4001838/Plasmodium falciparum chromosome 2, section 9 of 73 of the complete sequence //2.5e-06:418:60//AE001372
30 R-NT2RP4001849/P.falciparum serine rich protein (SERP I) gene //0.64:135:67//J03983
R-NT2RP4001889/Homo sapiens PAC clone DJ1182N03 from 7q11.23-q21.1, complete sequence //4.3e-26:212:82//AC004548
R-NT2RP4001893/Homo sapiens BAC clone GS166A23 from 7p21, complete sequence //1.8e-111:570:96//AC005014
35 R-NT2RP4001896
R-NT2RP4001901
R-NT2RP4001927/Borrelia burgdorferi (section 32 of 70) of the complete genome //1.0:242:60//AE001146
R-NT2RP4001938/Human aminopeptidase N gene, exon 1 //3.3e-42:195:85//M55523
R-NT2RP4001946/Plasmodium falciparum 3D7 chromosome 12 PFYAC293 genomic sequence, WORKING DRAFT SEQUENCE, 9 unordered pieces //0.97:371:57//AC004157
40 R-NT2RP4001950/RPCI11-69C18.TJ RPCI11 Homo sapiens genomic clone R-69C18, genomic survey sequence //4.7e-91:552:89//AQ236641
R-NT2RP4001953/Homo sapiens DNA sequence from PAC 958B3 on chromosome Xp22.1-Xp22.22. Contains ESTs STS and CpG island //6.6e-70:325:84//Z93023
45 R-NT2RP4001966/Rat mRNA for growth potentiating factor, complete cds //5.5e-37:141:86//D42148
R-NT2RP4001975/Human Newcastle disease virus inducible protein mRNA, partial 3'UTR region //1.0e-46:242:98//U25276
R-NT2RP4002018/RPCI11-76I23.TV RPCI11 Homo sapiens genomic clone R-76I23, genomic survey sequence //7.9e-89:438:97//AQ268536
50 R-NT2RP4002047/Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 97P20, WORKING DRAFT SEQUENCE //4.1e-07:325:62//AL031297
R-NT2RP4002052/Human DNA sequence from clone 352E11 on chromosome 22q13.1-13.31. Contains GSSs, complete sequence //0.31:452:57//AL022353
R-NT2RP4002058/RPCI11-69O1.TJ RPCI11 Homo sapiens genomic clone R-69O1, genomic survey sequence //0.23:163:64//AQ268418
55 R-NT2RP4002071/Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 1172A22, WORKING DRAFT SEQUENCE //1.1e-11:407:62//AL034386
R-NT2RP4002075/Human DNA sequence from clone 21F7 on chromosome 6q16.1-21. Contains part of an exon

- of a putative new gene and STSs and GSSs, complete sequence.//0.085:350:61//AL033375
 R-NT2RP4002078//RPC111-79116.TV RPC111 Homo sapiens genomic clone R-79116, genomic survey sequence.//3.3e-87:452:95//AQ283131
 R-nnnnnnnnnnnnn
- 5 R-NT2RP4002083//Homo sapiens mineralocorticoid receptor (MLR), exon 5.//0.50:256:61//AF068619
 R-NT2RP4002408//CIT-HSP-2376023.TF CIT-HSP Homo sapiens genomic clone 2376023, genomic survey sequence.//6.8e-62:320:96//AQ111163
 R-NT2RP4002791//Human PAC clone DJ318C15 from Xq23, complete sequence.//0.022:435:61//AC002476
 R-NT2RP4002888//Homo sapiens BAC clone RG067E13 from 7q21, complete sequence.//6.0e-56:660:71//AC002383
- 10 R-NT2RP4002905//Plasmodium falciparum DNA *** SEQUENCING IN PROGRESS *** from contig 3-20, complete sequence.//0.0017:533:57//AL008972
 R-OVARC1000001//Homo sapiens mRNA for KIAA0465 protein, partial cds.//8.7e-114:605:94//AB007934
 R-OVARC1000004//Homo sapiens chromosome 4 clone B368A9 map 4q25, complete sequence.//2.1e-43:326:74//AC005510
- 15 R-OVARC1000006//HS_2253_B1_F01_MR CIT Approved Human Genomic Sperm Library D Homo sapiens genomic clone Plate=2253 Col=1 Row=L, genomic survey sequence.//3.7e-35:191:98//AQ069124
 R-OVARC1000013//HS_2212_A2_G06_MF CIT Approved Human Genomic Sperm Library D Homo sapiens genomic clone Plate=2212 Col=12 Row=M, genomic survey sequence.//0.14:212:63//AQ210584
- 20 R-OVARC1000014//Human DNA sequence from PAC 463A9, on chromosome Xq25 contains STS.//0.0053:356:62//ZB0232
 R-OVARC1000017
 R-OVARC1000035//RPC111-65E1.TJ RPC111 Homo sapiens genomic clone R-65E1, genomic survey sequence.//3.3e-05:236:63//AQ237194
- 25 R-OVARC1000058//Homo sapiens DNA sequence from BAC 390C10 on chromosome 22q11.21-12.1. Contains an Immunoglobulin LIKE gene and a pseudogene similar to Beta Crystallin. Contains ESTs, STSs, GSSs and taga and tat repeat polymorphisms, complete sequence.//2.7e-48:325:82//AL008721
 R-OVARC1000060//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 27K12, WORKING DRAFT SEQUENCE.//5.0e-21:297:70//AL033397
- 30 R-OVARC1000068//P.falciparum complete gene map of plastid-like DNA (IR-B).//0.00038:553:58//X95276
 R-OVARC1000071//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 596C15, WORKING DRAFT SEQUENCE.//5.1e-110:599:93//AL031387
 R-OVARC1000085//DNA encoding component HC5 of human proteasome.//2.7e-65:366:92//E03413
- 35 R-nnnnnnnnnnnnn//CIT-HSP-2172N17.TF CIT-HSP Homo sapiens genomic clone 2172N17, genomic survey sequence.//0.80:285:59//B94391
 R-OVARC1000091
 R-OVARC1000092//CIT-HSP-2373J20.TR CIT-HSP Homo sapiens genomic clone 2373J20, genomic survey sequence.//1.4e-17:141:85//AQ111520
 R-OVARC 1000106
- 40 R-OVARC1000113//Homo sapiens okadaic acid-inducible phosphoprotein (OA48-18) mRNA, complete cds.//2.6e-100:495:97//AF069250
 R-OVARC1000114//Homo sapiens partial XPGC gene, exon 2.//9.5e-49:392:80//X71342
 R-OVARC1000133//Human Chromosome 16 BAC clone CIT987SK-A-362G6, complete sequence.//0.00020:243:65//U95740
- 45 R-OVARC1000145//Homo sapiens chromosome 10 clone CIT987SK-1010K1 map 10q25, complete sequence.//1.8e-16:370:67//AC005385
 R-OVARC1000148//CIT-HSP-2386P14.TF.1 CIT-HSP Homo sapiens genomic clone 2386P14, genomic survey sequence.//1.1e-05:55:98//AQ240492
 R-OVARC1000151//M.musculus GEG-154 mRNA.//9.8e-21:192:81//X71642
- 50 R-OVARC1000168//CIT-HSP-2336F6.TR CIT-HSP Homo sapiens genomic clone 2336F6, genomic survey sequence.//0.050:176:62//AQ042932
 R-OVARC1000191//Plasmodium falciparum 3D7 chromosome 12 PFYAC357 genomic sequence, WORKING DRAFT SEQUENCE, 7 unordered pieces.//3.7e-08:534:58//AC005506
 R-OVARC1000198//*** SEQUENCING IN PROGRESS *** Homo sapiens chromosome 4, BAC clone C0366H07; HTGS phase 1, WORKING DRAFT SEQUENCE, 28 unordered pieces.//5.2e-111:556:96//AC004604
- 55 R-OVARC1000209//Blacus sp. 16S ribosomal RNA gene, partial sequence.//0.55:165:67//AF003501
 R-OVARC1000212//Mouse DNA for beta-casein.//0.56:225:63//X13484
 R-OVARC1000240//Homo sapiens chromosome 17, clone hRPK.63_A_1, complete sequence.//6.2e-38:193:82//

- AC005670
R-OVARC1000241//Mus musculus hypoxia inducible factor three alpha mRNA, complete cds.//1.1e-25:312:73//AF060194
- 5 R-OVARC1000288//Human HepG2 3' region Mbol cDNA, clone hmd1d01m3.//5.4e-07:128:70//D17131
R-OVARC1000302//Homo sapiens chromosome 17, clone hRPK.651_L_9, complete sequence.//1.7e-10:100:88//AC005971
R-OVARC1000304//Mouse mRNA from Mov10 locus.//7.9e-66:379:81//X52574
R-OVARC 1000309
R-OVARC1000321//Homo sapiens clone NH0479C13, WORKING DRAFT SEQUENCE, 12 unordered pieces.//6.5e-83:453:94//AC005236
- 10 R-OVARC1000326//Rattus norvegicus lamina-associated polypeptide 1C (LAP1C) mRNA, complete cds.//5.0e-58:455:81//U19614
R-OVARC1000335//*** SEQUENCING IN PROGRESS *** Homo sapiens chromosome 4, BAC clone C0483123; HTGS phase 1, WORKING DRAFT SEQUENCE, 7 unordered pieces.//0.034:429:60//AC005690
- 15 R-OVARC1000347//Mus musculus HRS gene, complete cds.//4.6e-06:339:61//AF020308
R-OVARC1000384//D.discoideum glycoprotein 24 A and B (GP24A and GP24B) genes, complete cds.//0.48:296:62//M27588
R-OVARC1000408//Homo sapiens DNA from chromosome 19-cosmid R27740 containing MEF2B and RSRFR2 genes, genomic sequence.//9.4e-39:286:87//AD000812
- 20 R-OVARC1000411//CIT-HSP-2303H10.TF CIT-HSP Homo sapiens genomic clone 2303H10, genomic survey sequence.//1.5e-07:94:84//AQ016720
R-OVARC1000414//Homo sapiens genomic DNA, 21q region, clone: 149C3X10, genomic survey sequence.//1.8e-32:296:75//AG002388
R-OVARC1000420//Homo sapiens clone DJ1137M13, complete sequence.//2.0e-48:354:77//AC005378
- 25 R-OVARC1000427//D.discoideum vegetative specific gene V18 gene, for ribosomal protein.//2.5e-09:370:59//X15382
R-OVARC1000431//HS_2199_A2_E02_T7 CIT Approved Human Genomic Sperm Library D Homo sapiens genomic clone Plate=2199 Col=4 Row=1, genomic survey sequence.//1.3e-34:186:98//AQ093722
R-OVARC1000437//Gallus gallus tensin mRNA, 3' end.//1.3e-15:160:80//L06662
- 30 R-OVARC1000440//Homo sapiens BAC clone NH0538D15 from 7q11.23-q21.1, complete sequence.//0.0054:337:61//AC006043
R-OVARC1000442//CIT-HSP-2335L20.TR CIT-HSP Homo sapiens genomic clone 2335L20, genomic survey sequence.//1.0e-45:322:86//AQ037381
R-OVARC1000443//Homo sapiens mRNA for KIAA0683 protein, complete cds.//1.1e-77:418:94//AB014583
- 35 R-OVARC1000461//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 215D11, WORKING DRAFT SEQUENCE.//0.62:333:59//AL034417
R-OVARC1000465//Bos taurus guanine nucleotide-exchange protein (ARF-GEP1) mRNA, complete cds.//1.1e-81:489:91//AF023451
R-OVARC1000466//Homo sapiens chromosome 17, Neurofibromatosis 1 locus, complete sequence.//0.0088:98:72//AC004526
- 40 R-OVARC1000473//Homo sapiens full-length insert cDNA clone YI53C10.//3.2e-92:317:100//AF085851
R-OVARC1000479//Rattus norvegicus mRNA for TIP120, complete cds.//2.7e-70:502:84//D87671
R-OVARC1000486//Dictyostelium discoideum FusC (fusC) gene, partial cds.//0.52:411:58//AF019984
R-OVARC1000496
- 45 R-OVARC1000520//Homo sapiens PAC clone DJ412A9 from 22, complete sequence.//3.8e-17:294:71//AC005005
R-OVARC1000526//Homo sapiens clone GS438P06, WORKING DRAFT SEQUENCE, 17 unordered pieces.//4.5e-109:547:96//AC005024
R-OVARC1000533//Homo sapiens chromosome 19, cosmid R30385, complete sequence.//3.0e-46:264:93//AC004510
- 50 R-OVARC1000543//Caenorhabditis elegans cosmid F10C1.//0.00063:417:59//U49831
R-OVARC1000556//Homo sapiens DNA sequence from PAC 168L15 on chromosome 6q26-27. Contains RSK3 gene, ribosomal protein S6 kinase, EST, GSS, STS. CpG island, complete sequence.//1.5e-39:144:92//AL022069
R-OVARC1000557//Homo sapiens chromosome 19, cosmid R32469, complete sequence.//1.5e-81:429:96//AC005197
- 55 R-OVARC1000564//Homo sapiens chromosome 17, clone HRPC837J1, complete sequence.//0.83:301:58//AC004223
R-OVARC1000573//Homo sapiens Xq28 genomic DNA in the region of the ALD locus containing the genes for creatine transporter (SLC6A8), CDM, adrenoleukodystrophy (ALD), Na⁺-isocitrate dehydrogenase gamma subunit

- (IDH), and translocon-associated protein delta (TRAP) genes, complete cds, plexin related protein (PLEXR) and serine kinase (SK) genes, partial cds, Xq28lu1 gene and cytochrome C (CCp) pseudogene.//2.4e-44:300:88//U52111
- 5 R-OVARC1000578//Human Chromosome 16 BAC clone CIT987SK-A-270G1, complete sequence.//6.4e-48:436:78//AF001549
- R-OVARC1000588//Homo sapiens chromosome 19, cosmid F19847, complete sequence.//2.7e-32:313:78//AC005952
- R-OVARC 1000605
- 10 R-OVARC1000622//Homo sapiens PAC clone DJ0942116 from 7q11, complete sequence.//6.2e-43:328:83//AC006012
- R-OVARC1000640//High throughput sequencing of human chromosome 12, WORKING DRAFT SEQUENCE, 1 ordered pieces.//1.9e-47:514:73//AC005840
- R-OVARC1000661//Homo sapiens mRNA for KIAA0590 protein, complete cds.//1.6e-29:162:100//AB011162.
- R-OVARC1000678//Plasmodium falciparum 3D7 chromosome 12 PFYACB8-420 genomic sequence, WORKING DRAFT SEQUENCE, 14 unordered pieces.//0.50:270:60//AC005140
- 15 R-nnnnnnnnnnnnn//Rattus norvegicus mRNA for myosin-RhoGAP protein Myr 7.//1.4e-83:549:86//AJ001713
- R-OVARC1000681//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 257E24, WORKING DRAFT SEQUENCE.//3.2e-13:160:76//AL034424
- R-OVARC1000689//Schistocerca americana Antennapedia homeotic protein (Antp) mRNA, complete cds.//0.90:230:61//U32943
- 20 R-OVARC1000700//Homo sapiens chromosome 5, BAC clone 34j15 (LBNL H169), complete sequence.//5.1e-15:133:85//AC005754
- R-OVARC1000703//Homo sapiens chromosome 22, clone hRPC.130_H_16, complete sequence.//6.9e-48:525:73//AC005585
- 25 R-OVARC1000730//HS_3018_B1_H10_T7 CIT Approved Human Genomic Sperm Library D Homo sapiens genomic clone Plate=3018 Col=19 Row=P, genomic survey sequence.//0.00019:198:63//AQ093513
- R-OVARC1000746//P.falciparum complete gene map of plastid-like DNA (IR-B).//0.98:154:65//X95276
- R-OVARC1000769//Human coagulation factor XI gene, intron 2, partial, clone pTZ18R.//2.0e-30:187:78//M21185
- R-OVARC1000771
- 30 R-OVARC1000781//Sequence 5 from Patent WO9722695.//8.4e-47:401:77//A63552
- R-OVARC1000787//Homo sapiens PAC clone DJ430N08 from 22q12.1-qter, complete sequence.//7.8e-111:567:96//AC004542
- R-OVARC1000800//Homo sapiens mitochondrial HSP75 mRNA, complete cds.//1.3e-17:119:95//L15189
- R-OVARC1000802//Homo sapiens chromosome 5, BAC clone 120c13 (LBNL H171), complete sequence.//2.3e-51:482:78//AC005574
- 35 R-OVARC1000834//Homo sapiens mRNA for atopy related autoantigen CALC.//3.6e-105:536:95//Y1771
- R-OVARC1000846//Homo sapiens chromosome 16, cosmid clone 390H2 (LANL), complete sequence.//2.7e-107:538:96//AC004494
- R-OVARC1000850//Homo sapiens PB39 mRNA, complete cds.//3.6e-114:579:96//AF045584
- 40 R-OVARC1000862//M.musculus F1f mRNA.//2.3e-20:346:73//X71978
- R-OVARC1000876//Plasmodium falciparum chromosome 2, section 53 of 73 of the complete sequence.//9.1e-08:427:58//AE001416
- R-OVARC1000883//Mus domesticus nuclear binding factor NF2d9 mRNA, complete cds.//5.6e-34:357:78//U20086
- 45 R-OVARC1000885//Lycopersicon esculentum alcohol dehydrogenase homolog (GAD3) mRNA, partial cds.//0.47:305:60//U21801
- R-OVARC 1000886
- R-OVARC1000891//HS_3082_A2_F04_MR CIT Approved Human Genomic Sperm Library D Homo sapiens genomic clone Plate=3082 Col=8 Row=K, genomic survey sequence.//1.1e-16:187:79//AQ122500
- 50 R-OVARC1000897//Human DNA sequence from clone 192P9 on chromosome Xp11.23-11.4. Contains a pseudogene similar to rat Plasmolipin, ESTs and GSSs, complete sequence.//7.2e-07:476:60//AL020989
- R-OVARC1000912
- R-OVARC1000915//Homo sapiens chromosome 17, clone hRPC.971_F_3, WORKING DRAFT SEQUENCE, 1 ordered pieces.//5.4e-70:509:86//AC004150
- 55 R-OVARC1000924//Homo sapiens Chromosome 22q11.2 Cosmid Clone cosk In NF1 Region, complete sequence.//1.6e-77:465:90//AC002471
- R-OVARC1000936//HS_2195_A2_C12_MR CIT Approved Human Genomic Sperm Library D Homo sapiens genomic clone Plate=2195 Col=24 Row=E, genomic survey sequence.//2.4e-76:463:90//AQ191108

- R-OVARC1000937//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 250D10, WORKING DRAFT SEQUENCE //0.0028:161:65//Z99716
- R-OVARC1000945//Rattus norvegicus mRNA for atypical PKC specific binding protein, complete cds //3.5e-62:526:78//AB005549
- 5 R-OVARC1000948//Hypera postica NADH dehydrogenase subunit 1 (ND1) gene, partial cds, tRNA-Leu gene, complete sequence, and 16S ribosomal gene, partial sequence, mitochondrial genes encoding mitochondrial products //0.018:212:61//J61169
- R-OVARC1000959//CIT-HSP-2371K16.TR CIT-HSP Homo sapiens genomic clone 2371K16, genomic survey sequence //1.1e-45:303:87//AQ111323
- 10 R-OVARC1000960//Homo sapiens BAC clone GS293C05 from 7q21-q22, complete sequence //7.5e-44:353:81//AC005021
- R-OVARC1000971//H.sapiens DNA for repeat unit locus D18S51(285 bp) //2.2e-07:223:70//X91255
- R-OVARC1000984
- 15 R-OVARC1000996//Human DNA sequence from clone 272L16 on chromosome 1q32.1-32.3. Contains the 3' end of the LAMB3 gene for Laminin, Beta 3 (Nicein, Kalinin, BM600) and a novel Rat Ca²⁺/Calmodulin dependent Protein Kinase LIKE gene. Contains ESTs, STSs, GSSs, genomic marker D1S491 and a ca repeat polymorphism, complete sequence //1.3e-06:179:70//AL023754
- R-OVARC1000999//Homo sapiens chromosome 17, clone hCIT.457_L_16, complete sequence //5.8e-71:332:87//AC003957
- 20 R-OVARC1001000//HS_3032_B1_G11_MF CIT Approved Human Genomic Sperm Library D Homo sapiens genomic clone Plate=3032 Col=21 Row=N, genomic survey sequence //5.1e-51:257:99//AQ096695
- R-OVARC1001004//Homo sapiens from UWGC:y18c282 from 6p21, complete sequence //5.6e-92:473:96//AC004190
- R-OVARC1001010//RPCI11-10P1.TV RPCI-11 Homo sapiens genomic clone RPCI-11-10P1, genomic survey sequence //4.1e-05:201:65//B71813
- 25 R-OVARC1001011//Homo sapiens clone DJ1021I20, WORKING DRAFT SEQUENCE, 6 unordered pieces //7.9e-18:219:69//AC005520
- R-OVARC1001032//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone Y738F9, WORKING DRAFT SEQUENCE //2.7e-89:464:86//AL022345
- 30 R-OVARC1001034//Homo sapiens chromosome 20, BAC clone 99 (LBNL H80), complete sequence //1.4e-18:451:64//AC005220
- R-OVARC1001038//Homo sapiens TRIAD1 type I mRNA, complete cds //1.3e-99:501:96//AF099149
- R-OVARC1001040//Homo sapiens chromosome 17, clone hRPK.1096_G_20, complete sequence //9.7e-17:180:78//AC005410
- 35 R-OVARC1001044
- R-OVARC1001051//H.sapiens mRNA for homologue to yeast ribosomal protein L41 //3.7e-15:124:88//Z12962
- R-OVARC1001055//Homo sapiens, clone hRPK.15_A_1, complete sequence //2.0e-30:292:76//AC006213
- R-OVARC1001062//Sequence 65 from patent US 5691147 //2.6e-54:312:92//176237
- R-OVARC1001068//Homo sapiens Era GTPase A protein (HERA-A) mRNA, partial cds //2.3e-95:463:98//AF082657
- 40 R-OVARC1001072//Gallus gallus chicken brain factor-2 (CBF-2) mRNA, complete cds //0.92:272:59//U47276
- R-OVARC1001074//HS_2205_A1_D07_MF CIT Approved Human Genomic Sperm Library D Homo sapiens genomic clone Plate=2205 Col=13 Row=G, genomic survey sequence //1.3e-35:205:94//AQ184530
- R-OVARC1001085
- 45 R-OVARC1001092//Homo sapiens mRNA for JM5 protein, complete CDS (clone IMAGE 53337, LLNLc110F1857Q7 (RZPD Berlin) and LLNLc110G0913Q7 (RZPD Berlin)) //4.5e-95:325:98//AJ005897
- R-OVARC1001113//Homo sapiens diaphanous 1 (HDIA1) mRNA, complete cds //1.0e-73:386:95//AF051782
- R-OVARC1001117//Homo sapiens chromosome 7 clone UWGC:g3586a160 from 7p14-15, complete sequence //6.1e-37:314:81//AC005272
- 50 R-OVARC1001118//Homo sapiens chromosome 5, P1 clone 1195e2 (LBNL H73), complete sequence //1.5e-44:390:77//AC005372
- R-OVARC1001129//Rickettsia prowazekii strain Madrid E, complete genome; segment 1/4 //0.81:461:57//AJ235270
- R-OVARC1001161//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 850H21, WORKING DRAFT SEQUENCE //4.6e-08:342:64//AL031680
- 55 R-OVARC1001162//CIT-HSP-2171J2.TR CIT-HSP Homo sapiens genomic clone 2171J2, genomic survey sequence //5.9e-48:347:85//B89781
- R-OVARC1001167//Homo sapiens clone DJ1102A12, WORKING DRAFT SEQUENCE, 15 unordered pieces //

1.3e-28:427:70//AC004963
 R-OVARC1001169//RPCI11-36P6.TV RPCI-11 Homo sapiens genomic clone RPCI-11-36P6, genomic survey sequence.//0.56:113:72//AQ045859
 5 R-OVARC1001170//Homo sapiens Xp22 BAC GS-377014 (Genome Systems Human BAC library) complete sequence.//8.8e-39:301:85//AC002549
 R-OVARC1001173//Human clone HS2.30 Alu-Ya5 sequence.//2.4e-35:183:83//J67213
 R-OVARC1001180//Homo sapiens 12q24.1 NOVECTOR P443K8 () complete sequence.//9.1e-41:516:72//AC005907
 10 R-OVARC1001188//Homo sapiens Chromosome 11p14.3 PAC clone pDJ1034g4, complete sequence.//1.2e-14:134:85//AC004796
 R-OVARC1001200//ALS=85 kda insulin-like growth factor binding protein-3 complex acid-labile subunit [baboons, liver, mRNA Partial, 1818 nt].//0.12:345:60//S83462
 R-OVARC1001232//Bovine tyrosine hydroxylase mRNA, complete cds.//0.66:257:59//M36794
 R-OVARC1001240//Homo sapiens chromosome 17, clone hCIT.124_H_2, complete sequence.//1.4e-41:284:87//AC006071
 15 R-OVARC1001243//HS_2055_B2_C01_MR CIT Approved Human Genomic Sperm Library D Homo sapiens genomic clone Plate=2055 Col=2 Row=F, genomic survey sequence.//0.59:83:75//AQ243142
 R-OVARC1001261//Crocodylus porosus mRNA for transthyretin.//0.93:121:66//AJ223148
 R-OVARC1001268
 20 R-OVARC1001270//Plasmodium falciparum MAL3P6, complete sequence.//0.0031:295:62//Z98551
 R-OVARC1001271//Homo sapiens chromosome 16, cosmid clone 390H2 (LANL), complete sequence.//1.6e-107:544:97//AC004494
 R-OVARC1001282//Homo sapiens Xp22-39-47 PAC RPCI1-199J3 (Roswell Park Cancer Institute Human PAC Library) complete sequence.//0.025:402:59//AC006062
 25 R-OVARC1001296//Homo sapiens echinoderm microtubule-associated protein homolog HuEMAP mRNA, complete cds.//1.1e-05:319:62//U97018
 R-nnnnnnnnnnnn//Sequence 13 from patent US 5624818.//5.4e-85:577:84//I41142
 R-OVARC1001329//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 30G7, WORKING DRAFT SEQUENCE.//4.2e-71:282:88//AL034402
 30 R-OVARC1001330//Homo sapiens PAC clone DJ0697H17 from 7q11.23-q21.1, complete sequence.//0.19:256:59//AC004862
 R-OVARC1001339//Homo sapiens 12q13 PAC RPCI1-316M24 (Roswell Park Cancer Institute Human PAC library) complete sequence.//2.5e-49:366:83//AC004242
 R-OVARC1001341//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 695O20, WORKING DRAFT SEQUENCE.//4.8e-26:447:69//AL032818
 35 R-OVARC1001342//Homo sapiens chromosome 10 clone CIT987SK-1175G20 map 10q25.2-10q25.3, complete sequence.//5.5e-86:569:86//AC005874
 R-OVARC1001344//Homo sapiens chromosome 5, BAC clone 261j17 (LBNL H190), complete sequence.//2.8e-46:424:78//AC005350
 40 R-OVARC1001357//Sequence 1 from patent US 5597707.//3.0e-42:250:93//I34297
 R-OVARC1001360//Homo sapiens chromosome 17, clone hRPK.786_O_4, complete sequence.//0.20:335:60//AC005863
 R-OVARC 1001369
 R-OVARC1001372//S.scrofa DNA for myogenin 3'flanking region (285 bp).//6.9e-29:249:83//X89210
 45 R-OVARC1001376//Homo sapiens BAC clone RG139P11 from 7q11-q21, complete sequence.//2.1e-50:491:73//AC004491
 R-OVARC1001381//Homo sapiens chromosome 17, clone hRPK.156_L_14, complete sequence.//9.3e-20:422:60//AC005821
 R-OVARC1001391
 50 R-nnnnnnnnnnnn
 R-OVARC1001417//Homo sapiens EXLM1 mRNA, complete cds.//9.9e-110:561:95//AB00665
 R-OVARC1001419//CIT-HSP-2362F16.TR CIT-HSP Homo sapiens genomic clone 2362F16, genomic survey sequence.//7.6e-47:242:98//AQ074668
 R-OVARC1001425//Homo sapiens PAC clone DJ1108A12 from 14q24.3, complete sequence.//2.3e-20:211:66//AC005157
 55 R-OVARC1001436//Human DNA flanking 3' end of transposon L1.1.//0.18:148:66//M80341
 R-OVARC1001442
 R-OVARC1001453//Human PAC clone DJ525N14 from Xq23, complete sequence.//2.3e-19:181:81//AC002086

- R-OVARC1001476//CITBI-E1-2517B6.TR CITBI-E1 Homo sapiens genomic clone 2517B6, genomic survey sequence.//0.24:308:59//AQ278655
- R-OVARC1001480//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 753D4, WORKING DRAFT SEQUENCE.//0.99:294:62//AL031676
- 5 R-OVARC1001489//E.caballus microsatellite DNA marker (clone ASB32)//0.87:81:71//X93546
- R-OVARC1001496//Homo sapiens C-terminal binding protein 2 mRNA, complete cds.//9.3e-116:585:96//AF016507
- R-OVARC1001506//Homo sapiens Chromosome 16 BAC clone CIT987-SKA-13F4 ~complete genomic sequence, complete sequence.//2.6e-40:285:86//AC002039
- 10 R-OVARC1001525//Homo sapiens clone NH0215P16, WORKING DRAFT SEQUENCE, 3 unordered pieces.//1.0:320:59//AC006036
- R-OVARC1001542//Homo sapiens hJTB mRNA, complete cds.//5.0e-110:566:95//AB016488
- R-OVARC1001547
- R-OVARC1001577//Homo sapiens SRp46 splicing factor transcribed retropseudogene.//5.9e-33:216:92//AF031165
- 15 R-OVARC1001600//Human Chromosome X, complete sequence.//3.0e-22:157:89//AC002418
- R-OVARC1001610//HS_3070_A2_A06_MR CIT Approved Human Genomic Sperm Library D Homo sapiens genomic clone Plate=3070 Col=12 Row=A, genomic survey sequence.//0.47:107:66//AQ103523
- R-OVARC1001611//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 1185N5, WORKING DRAFT SEQUENCE.//0.17:236:63//AL034423
- 20 R-OVARC1001615//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 310O13, WORKING DRAFT SEQUENCE.//1.3e-19:248:70//AL031658
- R-OVARC1001668//HS_3228_A2_E12_MR CIT Approved Human Genomic Sperm Library D Homo sapiens genomic clone Plate=3228 Col=24 Row=I, genomic survey sequence.//4.6e-13:156:76//AQ188379
- 25 R-OVARC1001702//CITBI-E1-2501P16.TR.1 CITBI-E1 Homo sapiens genomic clone 2501P16, genomic survey sequence.//1.6e-41:217:99//AQ241965
- R-OVARC1001703
- R-OVARC1001711//CITBI-E1-2502N10.TF CITBI-E1 Homo sapiens genomic clone 2502N10, genomic survey sequence.//2.0e-14:220:72//AQ266194
- 30 R-OVARC1001726//CIT-HSP-2320O1.TF CIT-HSP Homo sapiens genomic clone 2320O1, genomic survey sequence.//0.021:170:62//AQ038145
- R-OVARC1001731//Human mRNA for fibroblast tropomyosin TM30 (pl).//2.5e-72:422:90//X05276
- R-OVARC1001745//Human DNA sequence from clone 796I11 on chromosome 20q12. Contains ESTs, an STS and GSSs, complete sequence.//7.6e-44:314:84//AL031257
- 35 R-nnnnnnnnnnn//S.cerevisiae N-acetyltransferase (AAA1) mRNA, complete cds.//1.6e-08:396:60//M23166
- R-OVARC1001766//Homo sapiens eukaryotic translation initiation factor eIF3, p35 subunit mRNA, complete cds.//3.5e-108:567:94//U97670
- R-nnnnnnnnnnnn//Homo sapiens mRNA for KIAA0675 protein, complete cds.//6.3e-108:529:97//AB014575
- R-OVARC1001768//Caenorhabditis elegans cosmid Y57G11A, complete sequence.//0.24:205:64//Z99279
- 40 R-OVARC1001791//Homo sapiens BAC clone RG118P15 from 8q21, complete sequence.//4.6e-58:558:76//AC005066
- R-OVARC1001795
- R-OVARC1001802//Human HLA class III region containing cAMP response element binding protein-related protein (CREB-RP) and tenascin X (tenascin-X) genes, complete cds, complete sequence.//1.1e-37:346:78//U89337
- 45 R-OVARC1001805//Human DNA sequence from clone 511E16 on chromosome 6p24.3-25.1. Contains the last coding exon of the gene for P18 component of aminoacyl-tRNA synthetase complex, part of an unknown gene downstream of a putative CpG island, and an STS with a CA repeat polymorphism, complete sequence.//3.0e-112:581:95//AL023694
- R-OVARC1001812//Human DNA sequence from clone 227L5 on chromosome Xp11.22-11.3. Contains a Keratin, Type 1 Cytoskeletal 18 (KRT18, CYK18, K18, CK18) pseudogene and an STS, complete sequence.//6.6e-41:345:81//AL031585
- 50 R-OVARC1001813//CITBI-E1-2508J18.TR CITBI-E1 Homo sapiens genomic clone 2508J18, genomic survey sequence.//1.6e-72:386:95//AQ263046
- R-OVARC1001820//Human PAC clone DJ525N14 from Xq23, complete sequence.//4.8e-41:320:83//AC002086
- 55 R-OVARC1001828//Plasmodium falciparum 3D7 chromosome 12 PFYAC69 genomic sequence, WORKING DRAFT SEQUENCE, 4 unordered pieces.//3.4e-08:527:58//AC004688
- R-OVARC1001846//CIT-HSP-2014F15.TR CIT-HSP Homo sapiens genomic clone 2014F15, genomic survey sequence.//0.0045:165:67//B58905

- R-OVARC1001861//M.musculus mRNA for pMEM2 protein.//9.5e-28:405:68//X95350
 R-OVARC1001873//Homo sapiens clones 24718 and 24825 mRNA sequence.//5.9e-104:571:91//AF070611
 R-OVARC1001879//Human DNA sequence from clone 612B18 on chromosome 1q24-25.3 Contains exon from
 5 gene similar to 40S ribosomal protein, first coding exon of dynamin 2 (DYNII). ESTs, STS, GSS, CpG Island,
 complete sequence.//9.1e-20:206:80//AL031864
 R-OVARC1001880//RPC11-42115.TJ RPC11 Homo sapiens genomic clone R-42115, genomic survey se-
 quence.//3.9e-50:287:88//AQ052700
 R-OVARC1001883//Homo sapiens chromosome 17, clone hCIT.123_J_14, complete sequence.//6.1e-13:457:63//
 AC003950
 10 R-OVARC1001900//Homo sapiens tumorous imaginal discs protein Tid56 homolog (TID1) mRNA, complete cds.//
 2.5e-86:346:90//AF061749
 R-OVARC1001901//Homo sapiens testis specific methyl-CpG binding protein MBD2 (MBD2) mRNA, partial cds.//
 7.2e-89:421:100//AF072246
 R-OVARC1001911//Homo sapiens full-length insert cDNA clone ZD52F10.//8.2e-106:510:98//AF086315
 15 R-OVARC1001916
 R-OVARC1001928
 R-OVARC1001942//S.cerevisiae N-acetyltransferase (AAA1) mRNA, complete cds.//0.0013:231:63//M23166
 R-OVARC1001943//Human immunodeficiency virus type 1, strain FRMP329, envelope glycoprotein V3 region
 (env) gene, partial cds.//0.14:173:64//J58826
 20 R-OVARC1001949//Human zinc finger protein 20 (ZNF20) pentanucleotide repeat polymorphism.//1.3e-09:306:
 63//M99593
 R-OVARC1001950//Homo sapiens chromosome 17, clone hRPK.112_H_10, complete sequence.//8.2e-38:385:
 75//AC005666
 R-OVARC1001987
 25 R-OVARC1001989//Caenorhabditis elegans DNA *** SEQUENCING IN PROGRESS *** from clone Y57G11,
 WORKING DRAFT SEQUENCE.//6.3e-08:355:60//Z92841
 R-OVARC1002044//Human DNA sequence from clone 681J21 on chromosome 1q23.2-24.3 Contains CpG island,
 complete sequence.//5.0e-42:298:86//AL031286
 R-OVARC1002050//Homo sapiens mRNA for KIAA0465 protein, partial cds.//1.4e-107:542:96//AB007934
 30 R-OVARC1002066//Arabidopsis thaliana chromosome II BAC F14M4 genomic sequence, complete sequence.//
 0.23:210:61//AC004411
 R-OVARC1002082//Homo sapiens clone DJ0965K10, WORKING DRAFT SEQUENCE, 6 unordered pieces.//
 5.4e-99:546:92//AC006015
 R-OVARC1002107//Human DNA sequence from PAC 417G15 on chromosome Xq25-Xq26. Contains glypican-3
 35 precursor (intestinal protein OCI-5) (GTR2-2), pseudogene, ESTs.//4.4e-34:375:74//AL009174
 R-OVARC1002127
 R-OVARC1002138//CIT-HSP-2290O18.TF CIT-HSP Homo sapiens genomic clone 2290O18, genomic survey se-
 quence.//2.4e-07:316:62//AQ003988
 R-OVARC1002143//RPC11-54M8.TJ RPC11 Homo sapiens genomic clone R-54M8, genomic survey sequence.//
 40 2.3e-35:220:90//AQ083241
 R-OVARC1002156
 R-OVARC1002158//CITBI-E1-2514D4.TF CITBI-E1 Homo sapiens genomic clone 2514D4, genomic survey se-
 quence.//1.6e-12:140:79//AQ265720
 R-OVARC1002165//CIT-HSP-2307C9.TF CIT-HSP Homo sapiens genomic clone 2307C9, genomic survey se-
 45 quence.//5.0e-59:291:99//AQ020420
 R-OVARC1002182//P. falciparum SD17 gene for knob-associated histidine-rich protein.//0.74:161:65//Y00060
 R-PLACE1000004//D.discoideum gene for protein kinase.//0.00081:263:59//Z37981
 R-PLACE1000005//Plasmodium falciparum 3D7 chromosome 12 PFYACB8-628 genomic sequence, WORKING
 DRAFT SEQUENCE, 9 unordered pieces.//0.0082:477:58//AC005507
 50 R-PLACE1000007//Homo sapiens clone 24422 mRNA sequence.//1.2e-14:100:97//AF070557
 R-PLACE1000014//Homo sapiens genomic DNA, chromosome 21q22.2, p1 clone: T1212 and T1601, WORKING
 DRAFT SEQUENCE.//2.8e-44:405:77//D83253
 R-PLACE1000031//Homo sapiens clone UWGC:y23c049 from 6p21, complete sequence.//1.8e-24:291:73//
 AC006162
 55 R-PLACE1000040//Caenorhabditis elegans DNA *** SEQUENCING IN PROGRESS *** from clone Y105C5,
 WORKING DRAFT SEQUENCE.//0.00039:289:61//Z98855
 R-PLACE1000048//Human BAC clone RG210I04, complete sequence.//4.7e-83:518:89//AC002462
 R-PLACE1000050//Plasmodium falciparum 3D7 chromosome 12 PFYAC181 genomic sequence, WORKING

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DRAFT SEQUENCE, 8 unordered pieces.//0.98:73:76//AC005505
R-PLACE1000061//Human ribosomal protein L37a mRNA sequence.//5.9e-21:125:98//L22154
R-PLACE1000066
R-PLACE1000078//Homo sapiens chromosome 11 clone CIT987SK-1012F4, WORKING DRAFT SEQUENCE, 6
5 unordered pieces.//1.2e-87:456:95//AC005848
R-PLACE1000081
R-PLACE1000094//RPCI11-91K6.TV RPCI11 Homo sapiens genomic clone R-91K6, genomic survey sequence.//
2.3e-83:409:98//AQ282619
R-PLACE1000133//Homo sapiens chromosome 17, clone hRPK.746_E_8, complete sequence.//1.8e-06:420:57//
10 AC005358
R-PLACE1000142
R-PLACE1000184//Homo sapiens estrogen-related receptor gamma mRNA, complete cds.//1.3e-112:594:94//
AF058291
R-PLACE1000185
R-PLACE1000213//CIT-HSP-2308A18.TR CIT-HSP Homo sapiens genomic clone 2308A18, genomic survey se-
15 quence.//8.2e-80:410:97//AQ022149
R-PLACE1000214//Plasmodium falciparum DNA *** SEQUENCING IN PROGRESS *** from contig 3-09, complete
sequence.//1.6e-05:548:59//AL008989
R-PLACE1000236//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 695O20, WORKING
20 DRAFT SEQUENCE.//2.2e-16:118:91//AL032818
R-PLACE1000246//X.laevis mRNA for XLCL2 protein.//6.5e-13:66:95//Z14122
R-PLACE1000292//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 111B22, WORKING
DRAFT SEQUENCE.//6.6e-41:322:84//Z98200
R-PLACE1000332//Homo sapiens chromosome 17, clone hCIT.281_F_24, complete sequence.//1.8e-16:598:62//
25 AC004706
R-PLACE1000347//Homo sapiens PAC clone DJ1090P18 from 7q21-q22, complete sequence.//2.3e-11:237:69//
AC005326
R-PLACE1000374//Arabidopsis thaliana chromosome 1 BAC F15K9 sequence, complete sequence.//8.7e-09:
492:58//AC005278
R-PLACE1000380//Plasmodium falciparum chromosome 2, section 1 of 73 of the complete sequence.//0.59:354:
30 59//AE001364
R-PLACE1000383//Mus musculus myotubularin related protein 1 (Mtmr1) mRNA, complete cds.//0.55:65:84//
AF073997
R-PLACE1000401//Homo sapiens clone GS166C05, WORKING DRAFT SEQUENCE, 7 unordered pieces.//3.6e-
35 17:152:83//AC005015
R-PLACE1000406//Arabidopsis thaliana genomic DNA, chromosome 5, TAC clone: K21H1, complete sequence.//
0.51:346:58//AB020742
R-PLACE1000420//Homo sapiens genomic DNA, chromosome 21q22.2 (Down Syndrome region), segment 2/15,
WORKING DRAFT SEQUENCE.//1.5e-25:243:79//AP000009
R-PLACE1000421//HS_2251_B2_G12_MR CIT Approved Human Genomic Sperm Library D Homo sapiens ge-
40 nomic clone Plate=2251 Col=24 Row=N, genomic survey sequence.//1.4e-82:430:95//AQ192807
R-PLACE1000424//Human PAC clone DJ515N1 from 22q11.2-q22, complete sequence.//1.8e-36:483:71//
AC002073
R-PLACE1000435//Homo sapiens chromosome 21q22.2 cosmid clone Q71A3, complete sequence.//2.6e-37:371:
45 76//AF015724
R-PLACE1000444//Homo sapiens chromosome 17, clone hRPK.227_G_15, complete sequence.//1.0e-54:429:
81//AC005899
R-PLACE1000453//Murine genomic DNA; partially digested Sau3A fragment, cloned into cosmid vector
pEMBLcos2, complete sequence.//0.66:103:72//AF059580
R-PLACE1000481//Human DNA sequence from clone 960O17 on chromosome Xp11.21-11.22 Contains EST, CA
50 repeat(DXS991), STS, GSS, complete sequence.//0.019:171:66//AL022166
R-PLACE1000492//Rat vacuolar protein sorting homolog r-vps33b mRNA, complete cds.//3.2e-17:221:72//
U35245
R-PLACE1000540//Plasmodium falciparum 3D7 chromosome 12 PFYAC492 genomic sequence, WORKING
55 DRAFT SEQUENCE, 5 unordered pieces.//0.00045:480:60//AC005308
R-PLACE1000547//Homo sapiens chromosome 19, cosmid F17987, complete sequence.//9.6e-32:231:85//
AC004790
R-PLACE1000562//, complete sequence.//1.8e-45:280:92//AC005409

- R-PLACE1000564//Human chromosome 16 creatine transporter (SLC6A8) and (CDM) paralogous genes, complete cds.//0.0079:180:65//U41302
- R-PLACE1000583//Homo sapiens chromosome 17, clone hRPK.799_N_11, complete sequence.//1.5e-37:414:74//AC005323
- 5 R-NNNNNNNNNN//Human guanylate binding protein isoform I (GBP-2) mRNA, complete cds.//1.9e-77:542:82//M55542
- R-PLACE1000596//Plasmodium falciparum 3D7 chromosome 12 PFYAC357 genomic sequence, WORKING DRAFT SEQUENCE, 7 unordered pieces.//0.00019:482:59//AC005506
- 10 R-PLACE1000599//Human germline T-cell receptor beta chain Dopamine-beta-hydroxylase-like, TRY1, TRY2, TRY3, TCRBV27S1P, TCRBV22S1A2N1T, TCRBV9S1A1T, TCRBV7S1A1N2T, TCRBV5S1A1T, TCRBV13S3, TCRBV6S7P, TCRBV7S3A2T, TCRBV13S2A1T, TCRBV9S2A2PT, TCRBV7S2A1N4T, TCRBV13S9/13S2A1T, TCRBV6S5A1N1, TCRBV30S1P, TCRBV31S1, TCRBV13S5, TCRBV6S1A1N1, TCRBV32S1P, TCRBV5S5P, TCRBV1S1A1N1, TCRBV12S2A1T, TCRBV21S1, TCRBV8S4P, TCRBV12S3, TCRBV21S3A2N2T, TCRBV8S5P, TCRBV13S1 genes from bases 1 to 267156 (section 1 of 3).//5.6e-51:369:85//U66059
- 15 R-PLACE1000610//HS_3071_A1_C05_MF CIT Approved Human Genomic Sperm Library D Homo sapiens genomic clone Plate=3071 Col=9 Row=E, genomic survey sequence.//0.051:147:65//AQ103341
- R-PLACE1000636//HS_3220_B2_E09_T7 CIT Approved Human Genomic Sperm Library D Homo sapiens genomic clone Plate=3220 Col=18 Row=J, genomic survey sequence.//0.010:253:64//AQ181157
- 20 R-PLACE1000653//Homo sapiens N-acetylglucosamine-phosphate mutase mRNA, complete cds.//1.6e-99:506:96//AF102265
- R-PLACE1000656//Homo sapiens mRNA for JM4 protein, complete CDS (clone IMAGE 546750 and LLNLc110F1857Q7 (RZPD Berlin)).//4.5e-101:559:92//AJ005896
- R-PLACE1000706//nuclear protein TIF1 [mice, mRNA, 3951 nt].//9.1e-10:331:63//S78219
- R-PLACE1000712//Homo sapiens full-length insert cDNA clone ZD76G10.//1.0e-69:345:98//AF086408
- 25 R-PLACE1000716//Homo sapiens Chromosome 16 BAC clone CIT987SK-A-279B10, complete sequence.//1.0:174:62//AC002300
- R-PLACE1000748//Plasmodium falciparum MAL3P3, complete sequence.//1.0e-06:337:60//Z98547
- R-PLACE1000749//cSRL-15g9-u cSRL flow sorted Chromosome 11 specific cosmid Homo sapiens genomic clone cSRL-15g9, genomic survey sequence.//8.8e-26:236:80//B02791
- 30 R-PLACE1000755//HS_2183_B1_H11_MF CIT Approved Human Genomic Sperm Library D Homo sapiens genomic clone Plate=2183 Col=21 Row=P, genomic survey sequence.//0.47:151:65//AQ064202
- R-PLACE1000769//Homo sapiens clone DJ0647J21, WORKING DRAFT SEQUENCE, 10 unordered pieces.//7.0e-38:492:74//AC004847
- R-PLACE1000785//Homo sapiens mRNA for KIAA0648 protein, partial cds.//2.6e-101:513:96//AB014548
- 35 R-PLACE1000786//Human putative outer mitochondrial membrane 34 kDa translocase hTOM34 mRNA, complete cds.//0.078:180:68//U58970
- R-NNNNNNNNNN
- R-PLACE1000798//Homo sapiens cosmid D66B10, chromosome 21 5' of IFNAR1.//5.1e-26:348:72//AF039904
- 40 R-PLACE1000841//Human guanine nucleotide regulatory protein (NET1) mRNA, complete cds.//1.4e-26:110:95//U02081
- R-NNNNNNNNNN//Homo sapiens full-length insert cDNA clone ZD55D10.//1.4e-13:93:96//AF086334
- R-PLACE1000856//Anopheles quadrimaculatus NADH dehydrogenase subunits (1-4, 4L, 5-6); cytochrome oxidase subunits (1-3); adenosine triphosphatase subunits (6,8); cytochrome b; transfer RNA; ribosomal RNA (large and small subunits).//2.7e-09:484:59//L04272
- 45
- R-PLACE1000863
- R-PLACE1000909//Plasmodium falciparum 3D7 chromosome 12 PFYAC181 genomic sequence, WORKING DRAFT SEQUENCE, 8 unordered pieces.//3.0e-05:274:60//AC005505
- R-PLACE1000931//RPCI11-66P7.TK RPCI11 Homo sapiens genomic clone R-66P7, genomic survey sequence.//3.4e-73:369:97//AQ237489
- 50 R-PLACE1000948//RPCI11-64K15.TK RPCI11 Homo sapiens genomic clone R-64K15, genomic survey sequence.//6.6e-06:258:62//AQ239337
- R-PLACE1000972//Homo sapiens chromosome 17, clone hRPK.112_J_9, complete sequence.//8.3e-20:223:76//AC005553
- 55 R-PLACE1000977//Plasmodium falciparum 3D7 chromosome 12 PFYAC357 genomic sequence, WORKING DRAFT SEQUENCE, 7 unordered pieces.//0.00030:448:59//AC005506
- R-PLACE1000979
- R-PLACE1001000//CIT-HSP-229718.TF CIT-HSP Homo sapiens genomic clone 229718, genomic survey se-

quence.//7.0e-07:64:95//AQ004997
 R-PLACE1001007//Human endothelial nitric oxide synthase gene, complete cds.//0.0078:215:64//D26607
 R-PLACE1001010
 R-PLACE1001015//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 150C2, WORKING
 5 DRAFT SEQUENCE.//1.5e-16:452:63//AL022318
 R-PLACE1001024//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 417M14, WORKING
 DRAFT SEQUENCE.//0.99:186:63//AL024498
 R-PLACE1001036//Homo sapiens clone DJ1136G02, WORKING DRAFT SEQUENCE, 4 unordered pieces.//2.5e-
 15:313:68//AC005377
 10 R-PLACE1001062//Homo sapiens chromosome 17, clone hCIT54K19, complete sequence.//7.3e-16:119:84//
 AC003664
 R-PLACE1001076
 R-PLACE1001088//Human DNA sequence from cosmid 203C2, between markers DXS6791 and DXS8038 on
 chromosome X contains ESTs.//0.97:332:59//Z74696
 15 R-PLACE1001092//Plasmodium falciparum 3D7 chromosome 12 PFYAC336 genomic sequence, WORKING
 DRAFT SEQUENCE, 5 unordered pieces.//6.2e-07:302:62//AC005139
 R-PLACE1001104//Plasmodium falciparum chromosome 2, section 9 of 73 of the complete sequence.//0.057:280:
 60//AE001372
 20 R-PLACE1001118//Homo sapiens DNA sequence from PAC 418A9 on chromosome 6q21. Contains the first (5')
 two exons of a CDK8 (Cell Division Protein Kinase 8) LIKE gene, a Neutral Calponin LIKE pseudogene, ESTs and
 STSs, complete sequence.//4.9e-06:334:60//Z84480
 R-PLACE1001136//Homo sapiens chromosome 17, clone hRPK.22_N_12, WORKING DRAFT SEQUENCE, 2
 ordered pieces.//1.1e-31:331:75//AC005412
 25 R-PLACE1001168//HS_2036_A1_H04_MR CIT Approved Human Genomic Sperm Library D Homo sapiens ge-
 nomic clone Plate=2036 Col=7 Row=O, genomic survey sequence.//0.40:144:63//AQ230662
 R-PLACE1001171
 R-PLACE1001185
 R-PLACE1001238//Human coxVlb gene, last exon and flanking sequence.//3.4e-36:349:76//X58139
 R-PLACE1001241//Plasmodium falciparum DNA *** SEQUENCING IN PROGRESS *** from contig 3-20, complete
 30 sequence.//0.11:258:61//AL008972
 R-PLACE1001257//*** SEQUENCING IN PROGRESS *** Homo sapiens chromosome 4, BAC clone B4P3; HTGS
 phase 1, WORKING DRAFT SEQUENCE, 9 unordered pieces.//1.9e-46:484:73//AC000016
 R-PLACE1001272//Homo sapiens chromosome 21q22.3 PAC 191P10, complete sequence.//0.89:119:65//
 AF045448
 35 R-PLACE1001279//Caenorhabditis elegans cosmid Y39A1C, complete sequence.//0.99:95:69//AL023839
 R-PLACE1001280//CIT-HSP-2328B24.TF CIT-HSP Homo sapiens genomic clone 2328B24, genomic survey se-
 quence.//5.4e-24:147:76//AQ042129
 R-PLACE1001294//M.musculus GEG-154 mRNA.//1.3e-22:472:65//X71642
 R-PLACE1001304//Homo sapiens chromosome 19, overlapping cosmids F18547, F11133, R27945, R28830 and
 40 R32804, complete sequence.//2.2e-22:139:77//AC003682
 R-PLACE1001311//Loligo pealei repeat region.//0.84:232:64//Z18286
 R-PLACE1001323//Homo sapiens DNA sequence from PAC 418A9 on chromosome 6q21. Contains the first (5')
 two exons of a CDK8 (Cell Division Protein Kinase 8) LIKE gene, a Neutral Calponin LIKE pseudogene, ESTs and
 STSs, complete sequence.//7.2e-39:308:83//Z84480
 45 R-PLACE1001351//Caenorhabditis elegans DNA *** SEQUENCING IN PROGRESS *** from clone Y39B6,
 WORKING DRAFT SEQUENCE.//0.0018:408:59//Z95399
 R-PLACE1001366//Human Na+/phosphate co-transporter gene, exon 1, partial sequence.//2.2e-46:369:82//
 D89927
 R-PLACE1001377//Homo sapiens ADAM10 (ADAM10) mRNA, complete cds.//7.1e-80:431:93//AF009615
 50 R-PLACE1001383//Homo sapiens clone 24538 mRNA sequence.//3.6e-35:192:97//AF055030
 R-PLACE1001384//Homo sapiens mRNA for multi PDZ domain protein.//2.6e-86:456:94//AJ001319
 R-PLACE1001387
 R-PLACE1001395//Nyctalus leisleri mitochondrial D-loop, partial sequence.//0.054:148:68//U95355
 R-PLACE1001399//Homo sapiens chromosome 17, clone hRPK.22_N_12, WORKING DRAFT SEQUENCE, 2
 55 ordered pieces.//6.7e-70:352:98//AC005412
 R-PLACE1001412//Homo sapiens clone 643 unknown mRNA, complete sequence.//8.0e-44:242:95//AF091087
 R-PLACE1001414//Homo sapiens chromosome 9, clone hRPK.202_H_3, complete sequence.//0.12:53:84//
 AC006241

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R-PLACE1001440//Homo sapiens Xq28 genomic DNA in the region of the ALD locus containing the genes for creatine transporter (SLC6A8), CDM, adrenoleukodystrophy (ALD), Na⁺-isocitrate dehydrogenase gamma subunit (IDH), and translocon-associated protein delta (TRAP) genes, complete cds, plexin related protein (PLEXR) and serine kinase (SK) genes, partial cds, Xq281u1 gene and cytochrome C (CCp) pseudogene.//1.0:250:61//U52111

5 R-PLACE1001456//Borrelia burgdorferi (section 16 of 70) of the complete genome.//0.0077:173:62//AE001130

R-PLACE1001468//HS_3050_A2_D07_MR CIT Approved Human Genomic Sperm Library D Homo sapiens genomic clone Plate=3050 Col=14 Row=G, genomic survey sequence.//0.00023:202:65//AQ133920

R-PLACE1001484//Homo sapiens Xq28 BAC PAC and cosmid clones containing FMR2 gene exons 1,2, and 3, complete sequence.//7.2e-17:180:80//AC002368

10 R-PLACE1001502//RPCI11-24F2.TP RPCI-11 Homo sapiens genomic clone RPCI-11-24F2, genomic survey sequence.//0.15:203:66//B84401

R-PLACE1001503//HS_2183_A1_B10_MR CIT Approved Human Genomic Sperm Library D Homo sapiens genomic clone Plate=2183 Col=19 Row=C, genomic survey sequence.//1.3e-38:181:82//AQ022613

R-PLACE1001517//Homo sapiens hGAA1 mRNA, complete cds.//6.4e-56:339:90//AB006969

15 R-PLACE1001534//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 620E11, WORKING DRAFT SEQUENCE.//8.6e-59:304:97//AL031667

R-PLACE1001545//Homo sapiens chromosome 3, clone hRPK.165_L_16, complete sequence.//2.6e-18:171:82//AC 005669

R-PLACE1001551

20 R-PLACE1001570//M.capricolum DNA for CONTIG MC188.//0.0043:305:57//Z33135

R-PLACE1001602//Homo sapiens genomic DNA of 8p21.3-p22 anti-oncogene of hepatocellular colorectal and non-small cell lung cancer, segment 3/11.//2.5e-82:408:98//AB020860

R-PLACE1001603//Homo sapiens KE05 protein mRNA, complete cds.//1.5e-40:295:84//AF064605

R-PLACE1001610//Homo sapiens clone NH0469M07, WORKING DRAFT SEQUENCE, 7 unordered pieces.//2.5e-39:307:82//AC005037

25 R-PLACE1001611//Homo sapiens histone macroH2A1.2 mRNA, complete cds.//4.9e-41:217:97//AF054174

R-PLACE1001632//Human DNA binding protein (HPF2) mRNA, complete cds.//1.4e-08:178:65//M27878

R-PLACE1001634//Caenorhabditis elegans DNA *** SEQUENCING IN PROGRESS *** from clone H06C16, WORKING DRAFT SEQUENCE.//0.00026:221:62//Z92791

30 R-PLACE1001640//Homo sapiens chromosome 17, clone hRPK.651_L_9, complete sequence.//2.6e-83:441:95//AC005971

R-PLACE1001672//H.sapiens flow-sorted chromosome 6 TaqI fragment, SC6pA26H8.//0.91:115:69//Z79253

R-PLACE1001691//Homo sapiens okadaic acid-inducible phosphoprotein (OA48-18) mRNA, complete cds.//1.5e-111:545:97//AF069250

35 R-PLACE1001692//Homo sapiens clone RG228D17, WORKING DRAFT SEQUENCE, 2 unordered pieces.//1.0e-46:478:75//AC005077

R-PLACE1001705//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 250D10, WORKING DRAFT SEQUENCE.//0.79:91:73//Z99716

R-PLACE1001716//Homo sapiens Xp22 PAC RPCI1-167A22 (from Roswell Park Cancer Center) complete sequence.//0.96:172:66//AC002349

40 R-PLACE1001720

R-PLACE1001729//Human interleukin-13 (IL-13) precursor gene, complete cds.//0.79:280:60//U31120

R-PLACE1001739//Homo sapiens chromosome 19, CIT-HSP-444n24, complete sequence.//1.0:109:65//AC005261

45 R-PLACE1001740//Homo sapiens BAC clone GS114I09 from 7p14-p15, complete sequence.//5.3e-11:249:67//AC006027

R-PLACE1001745

R-PLACE1001746//Homo sapiens chromosome 4 clone B200N5 map 4q25, complete sequence.//6.0e-05:337:61//AC005509

50 R-PLACE1001748//Homo sapiens metalloprotease 1 (MP1) mRNA, complete cds.//1.3e-91:540:89//AF061243

R-PLACE1001756//Human BAC clone RG302F04 from 7q31, complete sequence.//0.074:344:62//AC002463

R-PLACE1001761

R-PLACE1001771//Homo sapiens full-length insert cDNA clone ZD79C11.//4.4e-57:298:96//AF086426

R-PLACE1001781//T.thermophila micronuclear DNA containing to chromosomal breakage sequence Cbs-1, clone Tt819.//4.6e-05:282:61//M15711

55 R-PLACE1001799//Plasmodium falciparum 3D7 chromosome 12 PFYAC588 genomic sequence, WORKING DRAFT SEQUENCE, 2 unordered pieces.//0.015:331:58//AC004710

R-PLACE1001817//Homo sapiens ATP-specific succinyl-CoA synthetase beta subunit (SCS) mRNA, partial cds.//

4.1e-92:463:95//AF058953
 R-PLACE1001821//***ALU WARNING: Human Alu-J subfamily consensus sequence.//3.6e-36:281:82//U14567
 R-PLACE1001845//Mus musculus Paneth cell enhanced expression PCEE mRNA, complete cds.//9.1e-26:313:73//U37351
 5 R-PLACE1001869
 R-PLACE1001897//Mus musculus homeobox protein (D1x5) mRNA, complete cds.//0.0043:207:64//AF033011
 R-PLACE1001912//RPCI11-25F23.TKBR RPCI-11 Homo sapiens genomic clone RPCI-11-25F23, genomic survey sequence.//6.3e-33:248:67//AQ013567
 R-PLACE1001920//Homo sapiens TNF-induced protein GG2-1 mRNA, complete cds.//5.0e-73:363:98//AF070671
 10 R-PLACE1001928//Homo sapiens chromosome 17, clone hRPK.642_C_21, complete sequence.//0.98:248:60//AC005245
 R-PLACE1001983//Caenorhabditis elegans DNA *** SEQUENCING IN PROGRESS *** from clone Y40H7, WORKING DRAFT SEQUENCE.//0.12:157:61//AL021389
 R-PLACE1001989//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 968D22, WORKING DRAFT SEQUENCE.//1.4e-44:376:80//AL023755
 15 R-PLACE1002046//CITBI-E1-2520J24.TF CITBI-E1 Homo sapiens genomic clone 2520J24, genomic survey sequence.//4.5e-20:144:89//AQ280117
 R-PLACE1002052//Human DNA sequence from cosmid U160A4, between markers DXS366 and DXS87 on chromosome X contains STS.//0.025:362:57//Z80900
 20 R-PLACE1002066//Leishmania tarentolae maxicircle DNA fragment.//0.0034:197:62//X02438
 R-PLACE1002072//Homo sapiens chromosome 5, P1 clone 854b11 (LBNL H44), complete sequence.//9.7e-06:414:60//AC004763
 R-PLACE1002073
 R-PLACE1002090//Homo sapiens Chromosome 16 BAC clone CIT987-SKA-345G4 ~complete genomic sequence, complete sequence.//1.8e-06:278:63//AC002302
 25 R-PLACE1002115//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone Y214H10, WORKING DRAFT SEQUENCE.//6.0e-12:327:64//AL022344
 R-PLACE1002119//Mus musculus IERS (Ier5) mRNA, complete cds.//5.1e-67:442:86//AF079527
 R-PLACE1002140//Homo sapiens DNA sequence from PAC 454M7 on chromosome Xq25-26.3. Contains the OCRL1 gene for Lowe Oculocerebrorenal Syndrome protein OCRL-1.
 30 Contains ESTs, STSs and GSSs, complete sequence.//2.2e-80:403:97//AL022162 R-PLACE1002150//Human DNA sequence from PAC 145B12 on chromosome Xq27-Xq28. Contains EST, CA repeat and STS.//0.043:455:59//AL008706
 R-PLACE1002157//Human DNA sequence from Fosmid 65B7 on chromosome 22q11.2-qter. Contains exons 6-12 of the SLC5A1 (SGLT1) gene for solute carrier family 5 (sodium/glucose cotransporter) member 1 (High Affinity Sodium-Glucose Cotransporter), complete sequence.//9.8e-58:384:79//Z83849
 35 R-PLACE1002163//Canis familiaris MHC class IIA DLA-DQA (DQA 1 allele) gene, exon 2, partial cds.//0.82:96:70//U44785
 R-PLACE1002171//Homo sapiens PAC clone DJ1100F23 from 7q31, complete sequence.//0.83:196:65//AC004456
 40 R-PLACE1002205//Human DNA sequence from PAC 436M11 on chromosome Xp22.11-22.2. Contains the serine threonine protein phosphatase gene PPEF1, and the first coding exon of the RS1 gene for retinoschisis (X-linked, juvenile) 1 (XLRS1). Contains ESTs, an STS and GSSs, complete sequence.//0.0017:193:61//Z94056
 R-PLACE1002213//Homo sapiens chromosome 19, fosmid 37308, complete sequence.//8.0e-42:330:81//AC004152
 45 R-PLACE1002227//Homo sapiens BAC clone BK085E05 from 22q12.1-qter, complete sequence.//2.1e-10:126:80//AC003071
 R-PLACE1002256//Homo sapiens clone DJ0853H20, WORKING DRAFT SEQUENCE, 5 unordered pieces.//2.7e-06:478:57//AC004907
 50 R-PLACE1002259//Human DNA sequence from cosmid U75A4 on chromosome X.//6.5e-81:501:88//Z82255
 R-PLACE1002319//Plasmodium falciparum 3D7 chromosome 12 PFYAC181 genomic sequence, WORKING DRAFT SEQUENCE, 8 unordered pieces.//0.00023:549:58//AC005505
 R-PLACE1002342//Homo sapiens mRNA for KIAA0728 protein, partial cds.//4.9e-94:501:93//AB018271
 R-PLACE1002395//Homo sapiens chromosome 19, cosmid R34382, complete sequence.//1.4e-69:385:93//AC005329
 55 R-PLACE1002399//Human HepG2 3' region cDNA, clone hmd5d06.//2.4e-71:411:92//D16939
 R-PLACE1002433//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 173D1, WORKING DRAFT SEQUENCE.//0.85:176:63//AL031984

R-PLACE1002437//Human BAC clone RG114A06 from 7q31, complete sequence //0.0040:213:63//AC002542
 R-PLACE1002438//CITBI-E1-2501M20.TF.1 CITBI-E1 Homo sapiens genomic clone 2501M20, genomic survey
 sequence //0.70:247:61//AQ242104
 5 R-PLACE1002450//Homo sapiens 959 kb contig between AML1 and CBR1 on chromosome 21q22; segment 1/3//
 0.00060:471:59//AJ229041
 R-PLACE1002465//Homo sapiens clone DJ0673M15, WORKING DRAFT SEQUENCE, 33 unordered pieces//
 2.5e-10:98:81//AC004854
 R-PLACE1002474//Mus musculus matrilin-2 precursor mRNA, complete cds //1.7e-25:199:71//U69262
 10 R-PLACE1002477//Human DNA sequence from PAC 50A13 on chromosome Xp11. Contains ATP SYNTHASE
 LIPID BINDING PROTEIN P1 (P2, P3) precursor (ATP5G1, ATP5G2, ATP5G3) like pseudogene, ESTs and STSs.
 Contains polymorphic CA repeat //1.2e-11:382:63//Z92545
 R-PLACE1002493//Homo sapiens signal transducing adaptor molecule 2A (STAM2) mRNA, complete cds //1.1e-
 53:307:91//AF042273
 R-PLACE1002499//Plasmodium falciparum MAL3P6, complete sequence //0.56:270:60//Z98551
 15 R-PLACE1002500//CIT-HSP-2337C20.TR CIT-HSP Homo sapiens genomic clone 2337C20, genomic survey se-
 quence //3.2e-42:297:85//AQ037614
 R-PLACE1002514//Human DNA Sequence *** SEQUENCING IN PROGRESS *** from clone 212A2, WORKING
 DRAFT SEQUENCE //7.8e-16:221:73//Z95114
 R-PLACE1002529//Homo sapiens mRNA for KIAA0713 protein, partial cds //1.6e-86:582:85//AB018256
 20 R-PLACE1002532//Homo sapiens BAC clone RG300E22 from 7q21-q31.1, complete sequence //9.0e-91:453:97//
 AC004774
 R-PLACE1002537//Hansenula wingei mitochondrial gene for NADH dehydrogenase subunit 5, complete cds //
 0.0042:489:60//D16253
 R-PLACE1002571//Apis mellifera ligustica complete mitochondrial genome //0.034:493:55//L06178
 25 R-PLACE1002578//Homo sapiens chromosome 5, Pac clone 9c13 (LBNL H127), complete sequence //2.5e-44:
 292:84//AC006084
 R-PLACE1002583//Homo sapiens wbscr1 (WBSR1) and replication factor C subunit 2 (RFC2) genes, complete
 cds //3.1e-17:517:61//AF045555
 R-PLACE1002591
 30 R-PLACE1002598//Caenorhabditis elegans cosmid Y37D8A, complete sequence //0.080:308:60//AL032626
 R-PLACE1002604//Human cosmid LL12NC01-88A9, ETV6 gene, exons 6, 7 and 8 and partial cds //0.0013:176:
 65//U63313
 R-PLACE1002625//HS_2233_B2_H04_MF CIT Approved Human Genomic Sperm Library D Homo sapiens ge-
 nomic clone Plate=2233 Col=8 Row=P, genomic survey sequence //5.2e-13:137:79//AQ146663
 35 R-PLACE1002665//Mus musculus enhancer of polycomb (Epc1) mRNA, complete cds //5.8e-46:272:94//
 AF079765
 R-PLACE1002685//Homo sapiens B cell linker protein BLNK mRNA, alternatively spliced, complete cds //1.2e-
 77:390:97//AF068180
 R-PLACE1002714//Mus musculus clone OST2473, genomic survey sequence //1.3e-35:328:78//AF046656
 40 R-PLACE1002722//Sequence 1 from patent US 5686597 //1.7e-42:276:89//I73723
 R-PLACE1002768//Homo sapiens Xp22 bins 169-171 BAC GSHB-383H3 (Genome Systems Human BAC Library)
 complete sequence //0.0098:197:64//AC005185
 R-PLACE1002772//Homo sapiens PAC clone DJ0560O14 from 7q21.1-q21.2, complete sequence //6.7e-49:378:
 82//AC006145
 45 R-PLACE1002782
 R-PLACE1002794
 R-PLACE1002811//CIT-HSP-2316H11.TF CIT-HSP Homo sapiens genomic clone 2316H11, genomic survey se-
 quence //6.0e-50:250:100//AQ034981
 R-PLACE1002815//Sequence 2 from patent US 5747660 //2.7e-59:312:84//AR005279
 50 R-PLACE1002816//Homo sapiens 12q13.1 PAC RPCI5-1057I20 (Roswell Park Cancer Institute Human PAC li-
 brary) complete sequence //6.3e-59:339:93//AC004466
 R-PLACE1002834//Figure 2. Nucleotide and translated protein sequences of HPF1, -2, and -9 //1.4e-78:413:95//
 M27877
 R-PLACE1002839//Homo sapiens PAC clone DJ0015I23 from 22, complete sequence //6.5e-25:301:74//
 55 AC004819
 R-PLACE1002851//CIT-HSP-2317M9.TR CIT-HSP Homo sapiens genomic clone 2317M9, genomic survey se-
 quence //0.0011:210:61//AQ040519
 R-PLACE1002853//Human interleukin 6 (IL6) gene, 3' flank //5.8e-06:327:61//J03049

R-PLACE1002881
 R-PLACE1002908//HS_3064_A1_D04_MF CIT Approved Human Genomic Sperm Library D Homo sapiens ge-
 nomic clone Plate=3064 Col=7 Row=G, genomic survey sequence.//1.9e-09:156:72//AQ142985
 R-PLACE1002941
 5 R-PLACE1002962
 R-PLACE1002968//Human DNA sequence from clone 109F14 on chromosome 6p21.2-21.3. Contains the alter-
 natively spliced gene for Transcriptional Enhancer Factor TEF-5, the 60S Ribosomal Protein RPL10A gene, a
 PUTATIVE ZNF127 LIKE gene, and the PPARD for Peroxisome Proliferator Activated Receptor Delta (PPAR-Delta,
 PPAR-Beta, Nuclear Hormone Receptor 1, NUC1, NUCI, PPARB). Contains three putative CpG islands, ESTs,
 10 STSs, GSSs and a ca repeat polymorphism, complete sequence.//1.9e-32:314:77//AL022721
 R-PLACE1002991//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 968D22, WORKING
 DRAFT SEQUENCE.//1.6e-42:343:81//AL023755
 R-PLACE1002993//Homo sapiens PAC clone DJ0899E09 from 7q11.23-q21.1, complete sequence.//0.56:88:72//
 AC004921
 15 R-PLACE1002996//HS_2064_A1_A05_MR CIT Approved Human Genomic Sperm Library D Homo sapiens ge-
 nomic clone Plate=2064 Col=9 Row=A, genomic survey sequence.//4.9e-18:117:95//AQ243211
 R-PLACE1003025//Homo sapiens PAC clone DJ0560O14 from 7q21.1-q21.2, complete sequence.//0.26:428:58//
 AC006145
 R-PLACE1003027//Homo sapiens chromosome 17, clone hRPK.700_H_6, complete sequence.//1.3e-95:465:98//
 20 AC005920
 R-PLACE1003044
 R-PLACE1003092//Plasmodium falciparum DNA *** SEQUENCING IN PROGRESS *** from contig 4-89, complete
 sequence.//3.6e-05:358:60//AL010266
 R-PLACE1003100//HS_2244_A2_H12_MR CIT Approved Human Genomic Sperm Library D Homo sapiens ge-
 25 nomic clone Plate=2244 Col=24 Row=O, genomic survey sequence.//2.3e-42:288:86//AQ084224
 R-PLACE1003108//Homo sapiens clone DJ0781A18, WORKING DRAFT SEQUENCE, 3 unordered pieces.//
 0.00066:233:61//AC004885
 R-PLACE1003136//Plasmodium falciparum MAL3P2, complete sequence.//0.019:429:57//AL034558
 R-PLACE1003145
 30 R-PLACE1003153//Homo sapiens Xp22 BAC GSHB-536K7 (Genome Systems Human BAC library) complete
 sequence.//3.2e-05:390:58//AC004616
 R-PLACE1003174//Arabidopsis thaliana genomic DNA, chromosome 5, P1 clone: MTE17, complete sequence.//
 2.4e-06:390:60//AB015479
 R-PLACE1003176
 35 R-PLACE1003190//Homo sapiens clone RG332P12, WORKING DRAFT SEQUENCE, 1 unordered pieces.//4.0e-
 78:406:81//AC005095
 R-PLACE1003200//Plasmodium falciparum MAL3P6, complete sequence.//0.016:411:57//Z98551
 R-PLACE1003205//Plasmodium falciparum 3D7 chromosome 12 PFYAC336 genomic sequence, WORKING
 DRAFT SEQUENCE, 5 unordered pieces.//0.00084:288:61//AC005139
 40 R-PLACE1003238//Homo sapiens full-length insert cDNA clone ZD79H11.//7.6e-114:567:96//AF086432
 R-PLACE1003249//Human Chromosome X, complete sequence.//1.3e-45:317:85//AC002416
 R-PLACE1003256//Homo sapiens chromosome 17, clone HCIT421K24, complete sequence.//1.0e-45:328:85//
 AC004099
 R-PLACE1003258
 45 R-PLACE1003296//Diphtheria sp. 16S ribosomal RNA gene, mitochondrial gene encoding mitochondrial rRNA,
 partial sequence.//0.050:228:59//U39952
 R-PLACE1003302//Figure 2. Nucleotide and translated protein sequences of HPF1, 2, and 9.//1.7e-91:458:96//
 M27877
 R-PLACE1003334//Homo sapiens DNA sequence from BAC 217C2 on chromosome 22q13-q13.33. Contains a
 50 gene for the presumptive isolog of Rat RTP60 (nuclear pore complex protein Npap60). Contains ESTs, complete
 sequence.//4.3e-34:370:71//Z82243
 R-PLACE1003342//CIT-HSP-2311D21.TF CIT-HSP Homo sapiens genomic clone 2311D21, genomic survey se-
 quence.//1.0:159:68//AQ020460
 R-PLACE1003343//Plasmodium falciparum 3D7 chromosome 12 PFYAC812 genomic sequence, WORKING
 55 DRAFT SEQUENCE, 8 unordered pieces.//1.1e-05:330:61//AC004153
 R-PLACE1003353//Homo sapiens breast cancer antiestrogen resistance 3 protein (BCAR3) mRNA, complete
 cds.//3.4e-98:469:98//U92715
 R-PLACE1003361

R-PLACE1003366//Homo sapiens CAG repeated sequence//0.018:319:61//AJ006805
 R-PLACE1003369//T18H17-T7 TAMU Arabidopsis thaliana genomic clone T18H17, genomic survey sequence//
 0.050:155:63//B20174
 R-PLACE1003373//Homo sapiens chromosome 17, clone hRPC.1050_D_4, complete sequence//1.2e-62:434:
 5 83//AC004771
 R-PLACE1003375//Dictyostelium discoideum golvesin (gol) gene, complete cds//0.042:263:57//U89350
 R-PLACE1003383//Homo sapiens genomic DNA of 9q32 anti-oncogene of flat epithelium cancer, segment
 10/10//1.7e-83:429:96//AB020878
 R-PLACE1003401//Homo sapiens chromosome 17, clone hRPK.85_B_7, complete sequence//2.4e-13:175:76//
 10 AC005695
 R-PLACE1003420//Homo sapiens PAC clone DJ0988G15 from 7q33-q35, complete sequence//2.1e-05:340:61//
 AC005587
 R-PLACE1003454//Plasmodium falciparum DNA *** SEQUENCING IN PROGRESS *** from contig 3-64, complete
 sequence//0.47:411:58//AL009014
 15 R-PLACE1003478//M.capricolum DNA for CONTIG MC175//0.51:253:59//Z33125
 R-PLACE1003493//Homo sapiens chromosome 17, clone hRPK.394_K_10, complete sequence//4.6e-37:319:
 81//AC006080
 R-PLACE1003516//CIT-HSP-2295M19.TF CIT-HSP Homo sapiens genomic clone 2295M19, genomic survey se-
 quence//1.0e-40:251:90//AQ007480
 20 R-PLACE1003519//Homo sapiens chromosome 21q22.3 PAC 141B3, complete sequence, containing ribosomal
 protein homologue pseudogene L23a//2.7e-29:163:89//AF064859
 R-PLACE1003521//HS_3252_A2_G05_MR CIT Approved Human Genomic Sperm Library D Homo sapiens ge-
 nomic clone Plate=3252 Col=10 Row=M, genomic survey sequence//0.00017:274:60//AQ221562
 R-PLACE1003528//HS_2041_B1_B07_MR CIT Approved Human Genomic Sperm Library D Homo sapiens ge-
 25 nomic clone Plate=2041 Col=13 Row=D, genomic survey sequence//6.6e-40:219:83//AQ230483
 R-PLACE1003537//Drosophila melanogaster mitochondrial cytochrome c oxidase subunits, ATPase6, 7 tRNAs
 (Trp, Cys, Tyr, Leu(UUR), Lys, Asp, Gly) genes, and unidentified reading frames A61, 2 and 3//8.3e-05:300:61//
 J01404
 R-PLACE1003553//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 97P20, WORKING
 30 DRAFT SEQUENCE//2.7e-87:450:96//AL031297
 R-PLACE1003566
 R-PLACE1003575//Homo sapiens chromosome 16, cosmid clone 325D7, complete sequence//4.7e-20:148:78//
 AC003965
 R-PLACE1003583//Human DNA sequence from PAC 388N15 on chromosome Xq21.1//3.5e-18:287:68//Z99571
 35 R-PLACE1003584
 R-PLACE1003592//Homo sapiens cosmid 223D9 from Xq28, complete sequence//2.5e-10:153:73//AF061032
 R-PLACE1003593//Human BAC clone RG030H15 from 7q31, complete sequence//6.9e-07:240:65//AC002066
 R-PLACE1003596//Caenorhabditis elegans DNA *** SEQUENCING IN PROGRESS *** from clone Y87G2,
 WORKING DRAFT SEQUENCE//0.13:393:60//AL022597
 40 R-PLACE1003602//Homo sapiens mRNA expressed in placenta//2.4e-95:576:88//D83200
 R-PLACE1003605//Homo sapiens BAC clone RG331C24 from 7q21, complete sequence//2.9e-19:302:71//
 AC002081
 R-aaaaaaaaaaaaa
 R-PLACE1003618//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 191E19, WORKING
 45 DRAFT SEQUENCE//8.3e-57:469:80//AL034451
 R-PLACE1003625//Plasmodium falciparum 3D7 chromosome 12 PFYAC69 genomic sequence, WORKING
 DRAFT SEQUENCE, 4 unordered pieces//2.1e-05:339:62//AC004688
 R-PLACE1003638//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 1104E15, WORKING
 DRAFT SEQUENCE//2.5e-38:279:84//AL022312
 50 R-PLACE1003669//HS_3054_A2_E07_MR CIT Approved Human Genomic Sperm Library D Homo sapiens ge-
 nomic clone Plate=3054 Col=14 Row=I, genomic survey sequence//0.014:265:61//AQ132713
 R-PLACE1003704//HS_3213_A1_D12_T7 CIT Approved Human Genomic Sperm Library D Homo sapiens ge-
 nomic clone Plate=3213 Col=23 Row=G, genomic survey sequence//0.80:195:61//AQ176784
 R-PLACE1003709//Human BAC clone RG126M09 from 7q21-q22, complete sequence//0.018:152:61//
 55 AC002067
 R-PLACE1003711//Human endothelial nitric oxide synthase gene, complete cds//1.7e-61:366:89//D26607
 R-PLACE1003723//Homo sapiens DNA sequence from clone 78F24 on chromosome 22q12.1-12.3. Contains one
 exon of an Oxysterol-binding protein (OSBP) LIKE gene. Contains GSSs and an STS, complete sequence//2.7e-

- 44:505:73//AL022336
 R-PLACE1003738//H.sapiens DNA sequence//0.93:185:60//Z22357
 R-PLACE1003760//Human globin gene//5.9e-97:538:91//M69023
 R-PLACE1003762//Homo sapiens chromosome 17, clone HCIT39G8, complete sequence//4.6e-13:134:79//
 5 AC003070
 R-PLACE1003768//Homo sapiens chromosome 17, clone hRPK.142_H_19, complete sequence//5.4e-12:189:
 71//AC005919
 R-PLACE1003771//Homo sapiens BAC clone GS164B05 from 7p21-p22, complete sequence//1.7e-119:619:95//
 AC004160
 10 R-PLACE1003783
 R-PLACE1003784//Homo sapiens chromosome 19, CIT-HSP-87m17 BAC clone, complete sequence//5.6e-15:
 204:74//AC004659
 R-PLACE1003795//CIT-HSP-2374C8.TR CIT-HSP Homo sapiens genomic clone 2374C8, genomic survey se-
 quence//7.0e-37:234:89//AQ114933
 15 R-PLACE1003833//Homo sapiens full-length insert cDNA clone ZE15C06//4.4e-59:313:95//AF086558
 R-PLACE1003850
 R-PLACE1003858
 R-nnnnnnnnnnnnn
 R-PLACE1003870//Homo sapiens Chromosome 22q11.2 Cosmid Clone 15a10 In DGCR Region, complete se-
 20 quence//8.7e-33:285:81//AC000072
 R-nnnnnnnnnnnnn
 R-PLACE1003886
 R-PLACE1003888//Homo sapiens chromosome 4 clone B71M12 map 4q25, complete sequence//0.73:127:65//
 AC004069
 25 R-PLACE1003900//Homo sapiens ADP/ATP carrier protein (ANT-2) gene, complete cds//1.9e-05:239:59//L78810
 R-PLACE1003903//Homo sapiens full-length insert cDNA clone ZD78D11//8.1e-74:369:97//AF086422
 R-PLACE1003915//Mus musculus bone morphogenetic protein-6 (BMP-6) gene, exons 6 and 7 and complete
 cds//0.56:247:61//U73520
 R-PLACE1003923//Caenorhabditis elegans cosmid Y57G11C, complete sequence//0.67:213:63//Z99281
 30 R-PLACE1003932//Human DNA sequence from cosmid U90B3, on chromosome Xp11, contains ESTs//8.7e-49:
 342:85//Z74022
 R-PLACE1003936//H.sapiens gene for ventricular myosin light chain 2//2.6e-09:394:61//Z15030
 R-PLACE1003968//Plasmodium falciparum DNA *** SEQUENCING IN PROGRESS *** from contig 4-62, complete
 sequence//1.3e-07:245:65//AL010247
 35 R-PLACE1004104
 R-PLACE1004114//Human PAC clone RG212D03, complete sequence//5.0e-07:336:61//AC002485
 R-PLACE1004118//HS_3092_B1_B01_MR CIT Approved Human Genomic Sperm Library D Homo sapiens ge-
 nomic clone Plate=3092 Col=1 Row=D, genomic survey sequence//0.80:207:60//AQ128151
 R-PLACE1004128//Rattus norvegicus guanine nucleotide binding protein beta 4 subunit mRNA, partial cds//1.8e-
 40 06:193:66//AF022085
 R-PLACE1004149//HS_2253_A2_F11_MR CIT Approved Human Genomic Sperm Library D Homo sapiens ge-
 nomic clone Plate=2253 Col=22 Row=K, genomic survey sequence//2.4e-59:315:95//AQ129711
 R-PLACE1004156//Homo sapiens Xp22 bins 3-5 PAC RPCI4-617A9 (Roswell Park Cancer Institute Human PAC
 Library) containing Arylsulfatase D and E genes, complete sequence//8.3e-53:299:76//AC005295
 45 R-PLACE1004161
 R-PLACE1004183//Homo sapiens for TOM1-like protein//1.3e-80:434:93//AJ010071
 R-PLACE1004197//RPCI11-69N15.TK RPCI11 Homo sapiens genomic clone R-69N15, genomic survey se-
 quence//0.0078:170:65//AQ265515
 R-PLACE1004203//Homo sapiens semaphorin L (SEMA) mRNA, complete cds//3.4e-105:501:98//AF030698
 50 R-PLACE1004242//Homo sapiens DNA sequence from PAC 124C6 on chromosome 6q21. Contains genomic
 marker D6S1603, ESTs, GSSs and a STS with a CA repeat polymorphism, complete sequence//6.1e-65:373:86//
 AL021326
 R-PLACE1004256//Homo sapiens BAC clone NH0044G14 from 7q11.23-21.1, complete sequence//0.011:383:
 61//AC006031
 55 R-PLACE1004257//Homo sapiens Xp22 BAC GSHB-433024 (Genome Systems Human BAC library) complete
 sequence//3.4e-09:576:59//AC004470
 R-PLACE1004258//HS_3034_A1_B12_MR CIT Approved Human Genomic Sperm Library D Homo sapiens ge-
 nomic clone Plate=3034 Col=23 Row=C, genomic survey sequence//1.4e-35:359:77//AQ128936

- R-PLACE1004270//CITBI-E1-2504K14.TR CITBI-E1 Homo sapiens genomic clone 2504K14, genomic survey sequence.//2.7e-06:150:74//AQ261108
- R-PLACE1004274//Homo sapiens BAC clone NH0436H22 from 2, complete sequence.//0.025:116:72//AC005234
- 5 R-PLACE1004277//Homo sapiens two pore domain K⁺ channel (TASK-2) mRNA, complete cds.//4.4e-106:581:91//AF084830
- R-PLACE1004284//Plasmodium falciparum 3D7 chromosome 12 PFYAC492 genomic sequence, WORKING DRAFT SEQUENCE, 5 unordered pieces.//0.59:231:60//AC005308
- R-PLACE1004289//Homo sapiens chromosome 17, clone hRPK.700_H_6, complete sequence.//5.8e-31:340:75//AC005920
- 10 R-PLACE1004302//Homo sapiens clone RG332P12, WORKING DRAFT SEQUENCE, 1 unordered pieces.//6.4e-90:572:86//AC005095
- R-PLACE1004316//H.sapiens mRNA for apoptosis specific protein.//1.9e-113:590:94//Y11588
- R-PLACE1004336//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 1013A10, WORKING DRAFT SEQUENCE.//2.3e-65:292:82//AL033383
- 15 R-PLACE1004358//Homo sapiens connector enhancer of KSR-like protein CNK1 mRNA, complete cds.//2.4e-70:379:93//AF100153
- R-PLACE1004376//CIT-HSP-2287M8.TF CIT-HSP Homo sapiens genomic clone 2287M8, genomic survey sequence.//0.47:173:61//AQ000837
- R-PLACE1004384//CIT-HSP-2316J11.TF CIT-HSP Homo sapiens genomic clone 2316J11, genomic survey sequence.//0.035:109:69//AQ037817
- 20 R-PLACE1004388//Plasmodium falciparum DNA *** SEQUENCING IN PROGRESS *** from contig 3-82, complete sequence.//4.2e-06:381:60//AL010149
- R-PLACE1004405//Homo sapiens clone GS512I21, WORKING DRAFT SEQUENCE, 9 unordered pieces.//0.20:270:60//AC005027
- 25 R-PLACE1004425//Homo sapiens PAC clone DJ0733B09 from 7p14-p13, complete sequence.//1.3e-96:516:94//AC005532
- R-PLACE1004428//Human DNA sequence from clone 888M10 on chromosome 1p36.11-36.31 Contains part of gene KIAA0453, EST, STS, GSS, complete sequence.//5.8e-10:279:65//AL031296
- R-PLACE1004437//Human NAD⁺-specific isocitrate dehydrogenase beta subunit precursor, mRNA, nuclear gene encoding mitochondrial protein, complete cds.//2.9e-88:516:88//U49283
- 30 R-PLACE1004451//HS_2258_B2_F01_MR CIT Approved Human Genomic Sperm Library D Homo sapiens genomic clone Plate=2258 Col=2 Row=L, genomic survey sequence.//0.82:172:61//AQ221189
- R-PLACE1004460
- R-PLACE1004467//Syrian hamster carbamoylphosphate synthetase-aspartate transcarbamylasedihydroorotase (CAD) gene, exons 1 and 2.//1.2e-24:311:62//M31621
- 35 R-PLACE1004471//Homo Sapiens Chromosome X clone bWXD75, complete sequence.//2.1e-34:333:70//AC004389
- R-PLACE1004473
- R-PLACE1004491//Drosophila melanogaster Oregon-R mitochondrial A+T region.//1.0e-08:485:60//U11584
- 40 R-PLACE1004506
- R-PLACE1004510//Plasmodium falciparum chromosome 2, section 64 of 73 of the complete sequence.//0.0094:543:56//AE001427
- R-PLACE1004516//Homo sapiens BAC clone BK085E05 from 22q12.1-qter, complete sequence.//0.00011:343:59//AC003071
- 45 R-PLACE1004518
- R-PLACE1004548//Homo sapiens Xp22 BAC GS-551O19 (Genome Systems Human BAC library) and cosmids U199A7 and U209F2 (Lawrence Livermore X chromosome cosmid library) containing part of human chloride channel 4 gene, complete sequence.//4.9e-40:245:80//AC003666
- R-PLACE1004550
- 50 R-PLACE1004564//B.taurus mRNA for cleavage and polyadenylation specificity factor.//2.7e-82:532:86//X75931
- R-PLACE1004629//Homo sapiens chromosome 7 clone UWGC:g3586a230 from 7p14-15, complete sequence.//0.015:437:59//AC004800
- R-PLACE1004645//CIT-HSP-2370D6.TR CIT-HSP Homo sapiens genomic clone 2370D6, genomic survey sequence.//0.033:76:75//AQ110136
- 55 R-PLACE1004646//Homo sapiens cosmid 120C12 from Xq28, complete sequence.//2.0e-23:237:79//AF036876
- R-PLACE1004658//Homo sapiens Chromosome 12p13.3 BAC RPCI11-21K20 (Roswell Park Cancer Institute Human BAC Library) complete sequence.//7.1e-09:94:87//AC005343
- R-nnnnnnnnnnnn//RPCI11-79G23.TV RPCI11 Homo sapiens genomic clone R-79G23, genomic survey se-

- quence.//2.2e-81:433:94//AQ283692
 R-PLACE1004672//Human ABL gene, exon 1b and intron 1b, and putative M8604 Met protein (M8604 Met) gene, complete cds.//2.7e-24:263:74//U07561
 R-PLACE1004674//Homo sapiens calcium binding protein (ALG-2) mRNA, complete cds.//1.1e-89:513:91//AF035606
 5 R-PLACE1004681//Homo sapiens genomic DNA of 8p21.3-p22 anti-oncogene of hepatocellular colorectal and non-small cell lung cancer, segment 3/11.//1.3e-96:498:95//AB020860
 R-PLACE1004686
 R-PLACE1004691//Homo sapiens genomic DNA of 8p21.3-p22 anti-oncogene of hepatocellular colorectal and non-small cell lung cancer, segment 2/11.//2.1e-33:290:80//AB020859
 10 R-PLACE1004693//Caenorhabditis elegans cosmid Y2H9A, complete sequence.//1.0:195:60//AL021448
 R-PLACE1004716//CITBI-E1-2519C14.TR CITBI-E1 Homo sapiens genomic clone 2519C14, genomic survey sequence.//5.0e-43:245:93//AQ276965
 R-PLACE1004722//Plasmodium falciparum 3D7 chromosome 12 PFYACB8-628 genomic sequence, WORKING DRAFT SEQUENCE, 9 unordered pieces.//0.0022:360:60//AC005507
 15 R-PLACE1004736
 R-PLACE1004740
 R-nnnnnnnnnnn//Homo sapiens ubiquitin-protein ligase E3-alpha (UBR1) mRNA, partial cds.//5.4e-105:575:92//AF061556
 20 R-PLACE1004751//Homo sapiens Xq28 BACs 360 F12, GSHB-555C13, complete sequence.//9.0e-26:317:76//AC002523
 R-PLACE1004773//Homo sapiens inversin protein mRNA, complete cds.//8.5e-88:437:96//AF084367
 R-PLACE1004777//Homo sapiens genomic DNA, chromosome 21q22.2 (Down Syndrome region), segment 3/15, WORKING DRAFT SEQUENCE.//0.050:138:65//AP000010
 25 R-PLACE1004793//Human endogenous retrovirus HERV-K(HML6) proviral clone HML6.17 putative polymerase and envelope genes, partial cds, and 3'LTR.//5.1e-58:313:80//U60269
 R-nnnnnnnnnnn//Homo sapiens mRNA for KIAA0606 protein, partial cds.//5.8e-98:580:88//AB011178
 R-PLACE1004813//Plasmodium falciparum 3D7 chromosome 12 PFYACB8-420 genomic sequence, WORKING DRAFT SEQUENCE, 14 unordered pieces.//5.3e-09:256:64//AC005140
 30 R-PLACE1004814//Homo sapiens okadaic acid-inducible phosphoprotein (OA48-18) mRNA, complete cds.//3.5e-107:358:99//AF069250
 R-PLACE1004815//Human Chromosome 11q12.2 PAC clone pDJ606g6, complete sequence.//3.8e-61:353:89//AC004126
 R-PLACE1004824//Homo sapiens chromosome 17, clone hCIT.468_F_23, WORKING DRAFT SEQUENCE, 3 unordered pieces.//5.7e-42:364:79//AC004666
 35 R-PLACE1004827//Homo sapiens Xp22 BAC GS-594A7 (Genome Systems Human BAC library) contains Bmx gene, complete sequence.//2.7e-14:156:79//AC003669
 R-PLACE1004836//HS_2270_A2_H10_MR CIT Approved Human Genomic Sperm Library D Homo sapiens genomic clone Plate=2270 Col=20 Row=O, genomic survey sequence.//8.6e-51:267:96//AQ164110
 40 R-PLACE1004838//CIT-HSP-2343E10.TR CIT-HSP Homo sapiens genomic clone 2343E10, genomic survey sequence.//0.071:168:63//AQ058544
 R-PLACE1004840//Sequence 4 from patent US 5728819.//1.6e-26:150:98//I92820
 R-PLACE1004868//Human Chromosome X clone bWDX342, complete sequence.//0.57:344:59//AC004072
 R-PLACE1004885//HS_3235_B2_E07_MR CIT Approved Human Genomic Sperm Library D Homo sapiens genomic clone Plate=3235 Col=14 Row=J, genomic survey sequence.//1.1e-38:175:78//AQ210193
 45 R-PLACE1004900//Human DNA sequence from clone 353H6 on chromosome Xq25-26.2. Contains the alternatively spliced SMARCA1 gene for SW1/SNF related, matrix associated, actin dependent regulator of chromatin, subfamily a, member 1 (SNF2L1) and a 40S Ribosomal Protein S26 pseudogene. Contains ESTs, STSs and GSSs, complete sequence.//2.0e-44:334:84//AL022577
 50 R-PLACE1004902
 R-nnnnnnnnnnn//Human DNA sequence from clone J428A131, WORKING DRAFT SEQUENCE.//7.7e-58:377:87//Z82209
 R-PLACE1004918//Homo sapiens Chromosome 16 BAC clone CIT987SK-A-248F7, complete sequence.//0.00084:373:60//AC004605
 55 R-PLACE1004930//Homo sapiens MDC-3.13 isoform 1 mRNA, complete cds.//2.0e-100:532:93//AF099936
 R-PLACE1004934//Homo sapiens clone RG062N11, WORKING DRAFT SEQUENCE, 2 unordered pieces.//0.00030:198:66//AC005683
 R-PLACE1004937//Caenorhabditis elegans SEL-10 (sel-10) mRNA, complete cds.//1.3e-13:367:61//AF020788

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R-PLACE1004969//Human DNA sequence from clone LUCA7 on chromosome 3, complete sequence//0.97:116:71//Z84494
R-PLACE1004972
R-PLACE1004979//Plasmodium falciparum MAL3P4, complete sequence//0.74:304:60//AL008970
5 R-PLACE1004982//Plasmodium falciparum 3D7 chromosome 12 PFYAC492 genomic sequence, WORKING DRAFT SEQUENCE, 5 unordered pieces//4.7e-05:495:57//AC005308
R-PLACE1004985//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 451B21, WORKING DRAFT SEQUENCE//2.5e-10:410:60//AL033522
10 R-PLACE1005026//Homo sapiens PAC clone DJ0907C10 from 7q31-3q32, complete sequence//2.7e-56:158:99//AC004925
R-PLACE1005027
R-PLACE1005046//Homo sapiens chromosome 19, cosmid F20237, complete sequence//3.1e-63:438:86//AC005775
R-PLACE1005052//Homo sapiens chromosome Xp22-135-136 clone GSHB-56711, WORKING DRAFT SE-
15 QUENCE, 35 unordered pieces//6.1e-87:301:98//AC005867
R-PLACE1005066//Human DNA sequence from clone 67K17 on chromosome 6q24.1-24.3. Contains the HIVEP2 (Schnurri-2) gene for HIV type 1 Enhancer-binding Protein 2, and a possible pseudogene in an intron of this gene. Contains STSs and GSSs and an AAT repeat polymorphism, complete sequence//1.1e-09:453:61//AL023584
R-PLACE1005077//H.sapiens genes for semenogelin I and semenogelin II//2.6e-05:199:66//Z47556
20 R-PLACE1005085//Homo sapiens chromosome 17, clone hRPK.293_K_20, complete sequence//2.1e-42:384:69//AC005495
R-PLACE1005086//RPCI11-30H10.TV RPCI-11 Homo sapiens genomic clone RPCI-11-30H10, genomic survey sequence//0.13:112:67//B87788
R-PLACE1005101//Homo sapiens (clone zap128) mRNA, 3' end of cds//2.5e-97:531:92//L40401
25 R-PLACE1005102//Homo sapiens chromosome 19, cosmid R29388, complete sequence//1.3e-91:504:92//AC004476
R-PLACE1005108//Homo sapiens BAC129, complete sequence//4.0e-28:232:84//U85195
R-PLACE1005111//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 566H6, WORKING DRAFT SEQUENCE//3.0e-18:174:74//AL031845
30 R-PLACE1005128
R-PLACE1005146
R-PLACE1005162//Plasmodium falciparum 3D7 chromosome 12 PFYACB8-420 genomic sequence, WORKING DRAFT SEQUENCE, 14 unordered pieces//2.4e-07:273:61//AC005140
R-nnnnnnnnnnn//Rat alternatively spliced mRNA//8.1e-20:185:82//M93018
35 R-PLACE1005181//HS_2182_B2_B05_MF CIT Approved Human Genomic Sperm Library D Homo sapiens genomic clone Plate=2182 Col=10 Row=D, genomic survey sequence//4.9e-05:193:65//AQ030787
R-PLACE1005187//Arabidopsis thaliana chromosome II BAC T14A4 genomic sequence, complete sequence//0.00073:264:60//AC006161
R-PLACE1005206//Homo sapiens full-length insert cDNA YN66A06//6.3e-64:343:93//AF075043
40 R-PLACE1005232//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 25J6, WORKING DRAFT SEQUENCE//1.3e-34:286:81//Z84476
R-PLACE1005243
R-PLACE1005261//Caenorhabditis elegans cosmid ZK666, complete sequence//0.66:180:60//Z49132
R-PLACE1005266//Homo sapiens clone RG122E10, complete sequence//1.3e-15:166:78//AC005067
45 R-PLACE1005277//CITBI-E1-2514D4.TF CITBI-E1 Homo sapiens genomic clone 2514D4, genomic survey sequence//2.5e-34:358:74//AQ265720
R-PLACE1005287//Plasmodium falciparum DNA *** SEQUENCING IN PROGRESS *** from MAL1P1, WORKING DRAFT SEQUENCE//4.1e-07:495:60//AL031744
R-PLACE1005305//HS_3180_B2_D02_MR CIT Approved Human Genomic Sperm Library D Homo sapiens genomic clone Plate=3180 Col=4 Row=H, genomic survey sequence//1.1e-42:308:85//AQ169443
50 R-PLACE1005308
R-PLACE1005313//Human Chromosome 11 pac pDJ227b23, WORKING DRAFT SEQUENCE, 19 unordered pieces//0.00048:320:60//AC000383
R-PLACE1005327//chromosome 1 specific transcript KIAA0491//5.4e-103:537:94//AB007960
55 R-PLACE1005331//Homo sapiens chromosome 19, cosmid F20569, complete sequence//2.2e-94:536:91//AC004794
R-PLACE1005335//Human Chromosome 3 pac pDJ70i11, WORKING DRAFT SEQUENCE, 2 unordered pieces//5.3e-32:313:79//AC000380

- R-PLACE1005373//Homo sapiens BAC129, complete sequence.//8.8e-10:229:68//U85195
 R-PLACE1005374//Homo sapiens chromosome 17, clone hRPK.401_O_9, complete sequence.//3.0e-44:434:77//AC005291
 R-PLACE1005409//Human BAC clone RG167B05 from 7q21, complete sequence.//8.8e-105:529:96//AC003991
 5 R-PLACE1005453//Human PAC clone DJ327A19 from Xq25-q26, complete sequence.//4.7e-39:302:82//AC002477
 R-PLACE1005467//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 167P19, WORKING DRAFT SEQUENCE.//1.1e-40:328:81//Z93014
 R-PLACE1005471//Human DNA sequence from clone 395P12 on chromosome 1q24-25. Contains the TXGP1 gene for tax-transcriptionally activated glycoprotein 1 (34kD) (OX40 ligand, OX40L) and a GOT2 (Aspartate Aminotransferase, mitochondrial precursor, EC 2.6.1.1, Transaminase A, Glutamate Oxaloacetate Transaminase-2) pseudogene. Contains ESTs, STSs and GSSs, complete sequence.//6.4e-68:409:90//AL022310
 10 R-PLACE1005477//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 32B1, WORKING DRAFT SEQUENCE.//0.020:216:66//AL023693
 R-PLACE1005480//Homo sapiens chromosome 19, CIT-HSP BAC 490g23 (BC338531), complete sequence.//2.8e-44:327:70//AC005392
 15 R-PLACE1005481//Homo sapiens-chromosome 17, clone hRPC.1164_O_3, complete sequence.//4.2e-23:284:74//AC004703
 R-PLACE1005494//Danio rerio homeobox protein LIM-3 (lim3) gene, exon 4.//0.19:468:60//AF031631
 20 R-PLACE1005502//Homo sapiens formin binding protein 21 mRNA, complete cds.//1.6e-55:277:98//AF071185
 R-PLACE1005526//Human mRNA for alpha-1 type II collagen.//0.10:227:63//X16468
 R-PLACE1005528//Homo sapiens genomic DNA, chromosome 21q11.1, segment 9/28, WORKING DRAFT SEQUENCE.//2.3e-76:395:96//AP000038
 R-PLACE1005530//C.familiaris CA repeat sequence (isolate).//0.023:90:75//X86184
 25 R-PLACE1005550//Fugu rubripes GSS sequence, clone 048A08bH1, genomic survey sequence.//2.0e-09:235:64//AL025928
 R-PLACE1005554//Homo sapiens chromosome 17, clone hRPK.215_P_18, complete sequence.//0.069:305:60//AC005969
 R-PLACE1005557//Homo sapiens chromosome 17, clone hRPC:117_B_12, complete sequence.//4.3e-105:587:91//AC004707
 30 R-PLACE1005574//Human BAC 367D17 from chromosome 18, complete sequence.//1.5e-17:274:67//AC003971
 R-PLACE1005584//Homo sapiens PAC clone DJ1186C01 from 7q21.2-q31.1, complete sequence.//2.7e-15:191:77//AC004991
 R-PLACE1005595//Human Chromosome 11q12.2 PAC clone pDJ606g6, complete sequence.//6.4e-90:453:96//AC004126
 35 R-PLACE1005603//Homo sapiens cosmid clone U169D2 from Xp22.1-22.2, complete sequence.//0.69:322:61//U72788
 R-PLACE1005611//Borrelia burgdorferi plasmid cp18, OspE (ospE) gene, partial cds.//0.059:473:56//U42599
 R-PLACE1005623//Homo sapiens full-length insert cDNA clone ZD76B03.//1.6e-113:575:95//AF086405
 40 R-PLACE1005630//High throughput sequencing of human chromosome 12, WORKING DRAFT SEQUENCE, 1 ordered pieces.//5.6e-79:270:94//AC005840
 R-PLACE1005639//Human BAC clone RG022J17 from 7q21, complete sequence.//8.2e-56:441:83//AC002382
 R-PLACE1005646//Homo sapiens RNA helicase-related protein mRNA, complete cds.//3.2e-110:585:93//AF083255
 45 R-PLACE1005656//Homo sapiens chromosome 17, clone hRPK.628_E_12, complete sequence.//8.6e-08:505:58//AC005701
 R-PLACE1005666//Human DNA sequence from PAC 360E18 on chromosome X contains EST, CpG island and polymorphic CA repeat.//3.2e-27:307:72//Z82203
 R-PLACE1005698//344B22.TV CIT978SKA1 Homo sapiens genomic clone A-344B22, genomic survey sequence.//0.030:91:70//B15144
 50 R-PLACE1005727//Human variable number tandem repeat (VNTR) region, allele 17R1 3' to collagen type II (COL2A1) gene.//5.2e-10:587:59//L10171
 R-PLACE1005730//Homo sapiens ADP/ATP carrier protein (ANT-2) gene, complete cds.//0.0039:239:58//L78810
 R-PLACE1005739//Mus musculus IFN-gamma induced (Mg11) mRNA, complete cds.//2.2e-21:270:72//U15635
 55 R-PLACE1005755//Caenorhabditis elegans cosmid M03F4.//6.9e-08:219:64//U64601
 R-PLACE1005763//Human mRNA for KIAA0118 gene, partial cds.//1.0e-45:268:87//D42087
 R-PLACE1005799//Human X chromosome mRNA for CCG1 protein inv. in cell proliferation.//0.030:91:78//X07024
 R-PLACE1005802//Homo sapiens PAC clone DJ044L15 from Xq23, complete sequence.//1.4e-69:391:92//

- AC004827
R-PLACE1005803
R-PLACE1005804//Human BAC clone RG341D10 from 7p15-p21, complete sequence.//1.8e-21:175:75//AC002530
- 5 R-PLACE1005828//Homo sapiens chromosome 17, clone hRPC.971_F_3, WORKING DRAFT SEQUENCE, 1 ordered pieces.//2.9e-56:333:91//AC004150
R-PLACE1005834//Plasmodium falciparum DNA *** SEQUENCING IN PROGRESS *** from MAL1P2, WORKING DRAFT SEQUENCE.//0.020:513:55//AL031745
R-PLACE1005845//Rabbit mRNA for protein phosphatase 2A-beta.//1.8e-10:182:69//Y00763 R-PLACE1005850
- 10 R-PLACE1005851//Homo sapiens clone DJ0789105, WORKING DRAFT SEQUENCE, 2 unordered pieces.//5.5e-06:318:63//AC004887
R-PLACE1005876//B.taurus mRNA for cleavage and polyadenylation specificity factor.//6.7e-28:366:72//X75931
R-PLACE1005884//Human DNA sequence from cosmid V526F1, between markers DXS366 and DXS87 on chromosome X contains STS.//1.0e-06:306:64//Z70281
- 15 R-PLACE1005898//Plasmodium falciparum 3D7 chromosome 12 PFYAC336 genomic sequence, WORKING DRAFT SEQUENCE, 5 unordered pieces.//0.0094:449:59//AC005139
R-PLACE1005921//CITBI-E1-2509N21.TF CITBI-E1 Homo sapiens genomic clone 2509N21,-genomic survey sequence.//4.8e-84:494:89//AQ261347
R-PLACE1005923//RPC111-65N9.TJ RPC111 Homo sapiens genomic clone R-65N9, genomic survey sequence.//8.3e-97:520:93//AQ237243
- 20 R-PLACE1005925//Human DNA sequence from clone 231L4 on chromosome Xq27.1-27.3 Contains GSS, STS, complete sequence.//5.2e-67:578:78//AL022719
R-PLACE1005932//Caenorhabditis elegans cosmid Y52B11A, complete sequence.//0.0035:176:62//AL032654
R-PLACE1005934
- 25 R-PLACE1005936//Arabidopsis Thaliana BAC F6A4, Chromosome IV, near 60.5 cM, complete sequence.//0.00021:272:62//AF069716
R-PLACE1005951
R-PLACE1005953//Caenorhabditis elegans cosmid F09E5.//1.3e-07:349:60//U37429
R-PLACE1005955//Human HepG2 3' region MboI cDNA, clone hmd1d01m3.//8.3e-08:128:70//D17131
- 30 R-PLACE1005966//Pontia protodice large subunit ribosomal RNA gene, partial sequence; tRNA-Val gene, complete sequence; and small subunit ribosomal RNA gene, partial sequence, mitochondrial genes for mitochondrial RNAs.//7.0e-09:549:59//AF044863
R-PLACE1005968//Rattus norvegicus mRNA for p47, complete cds.//1.1e-51:394:81//AB002086
R-PLACE1005990//Homo sapiens chromosome 12p13.3 clone RPC111-407G6, WORKING DRAFT SEQUENCE, 51 ordered pieces.//4.4e-63:369:91//AC005866
- 35 R-PLACE1006002//Human cosmid CRI-JC2015 at D10S289 in 10sp13.//5.9e-27:299:74//U15177
R-PLACE1006003//Mus musculus clone OST18050, genomic survey sequence.//3.5e-07:164:67//AF046375
R-PLACE1006011//Mus musculus poly-(ADPribose)-transferase homolog PARP mRNA, complete cds.//1.1e-32:266:83//AF072521
- 40 R-PLACE1006017//Homo sapiens Chromosome 22q11.2 Cosmid Clone 31e In DGCR Region, complete sequence.//1.8e-17:164:82//AC000077
R-PLACE1006037//Mus musculus B6D2F1 clone 2C11B mRNA.//2.0e-49:557:72//U01139
R-PLACE1006040//Homo sapiens mRNA for alpha endosulfine.//4.3e-13:128:81//X99906
R-PLACE1006076//Homo sapiens clone DJ0781A18, WORKING DRAFT SEQUENCE, 3 unordered pieces.//3.3e-18:220:74//AC004885
- 45 R-PLACE1006119//Plasmodium berghei (STRAIN ANKA) gamma-GCS gene, complete CDS.//0.0050:271:63//AJ005122
R-PLACE1006129//Drosophila melanogaster, chromosome 2R, region 31C1-31D6, P1 clone DS08879, complete sequence.//0.43:178:65//AC005454
- 50 R-PLACE1006139//Homo sapiens PAC clone DJ0659J06 from 7q33-q35, complete sequence.//7.5e-13:222:68//AC004849
R-PLACE1006143//Plasmodium falciparum MAL3P6, complete sequence.//0.00019:455:59//Z98551
R-PLACE1006157//Plasmodium falciparum DNA *** SEQUENCING IN PROGRESS *** from MAL4P1, WORKING DRAFT SEQUENCE.//0.00018:351:60//AL034557
- 55 R-PLACE1006159//Homo sapiens chromosome 10 clone LA10NC01_124_D_3 map 10q25.1, WORKING DRAFT SEQUENCE, 1 ordered pieces.//1.0e-113:586:96//AC006103
R-PLACE1006164//Human hereditary haemochromatosis region, histone 2A-like protein gene, hereditary haemochromatosis (HLA-H) gene, RoRet gene, and sodium phosphate transporter (NPT3) gene, complete cds.//1.0e-

28:342:75//U91328
R-PLACE1006167//Homo sapiens full-length insert cDNA clone ZE14E04.//4.6e-77:426:93//AF086555
R-nnnnnnnnnnnn//Mouse mRNA for alpha-adaptin (C).//3.0e-46:188:82//X14972
R-PLACE1006187//Homo sapiens cyclin E2 mRNA, complete cds.//1.6e-116:597:95//AF091433
5 R-PLACE1006195//Homo sapiens chromosome 19, fosmid 39554, complete sequence.//8.8e-11:148:74//
AC004410
R-PLACE1006196
R-PLACE1006205//Genomic sequence from Mouse 11, complete sequence.//8.4e-44:332:85//AC000398
R-PLACE1006223//Human DNA sequence from cosmid U74C11, between markers DXS6791 and DXS8038 on
10 chromosome X contains ESTs.//0.041:215:61//Z73362
R-PLACE1006225//Caenorhabditis elegans cosmid Y69H2, complete sequence.//9.7e-13:358:63//Z98877
R-PLACE1006236//Plasmodium falciparum MAL3P4, complete sequence.//0.00019:538:58//AL008970
R-nnnnnnnnnnnn//Homo sapiens BAC clone RG118D07 from 7q31, complete sequence.//3.1e-96:497:95//
AC004142
15 R-PLACE1006246//Homo sapiens clone NH0144M13, WORKING DRAFT SEQUENCE, 1 unordered pieces.//
0.029:499:56//AC006034
R-PLACE1006248//Homo sapiens mRNA for KIAA0648 protein, partial cds.//9.2e-96:499:95//AB014548
R-PLACE1006262//Homo sapiens Xp22 GSHB-314C4 (Genome Systems Human BAC library) complete se-
quence.//0.00043:160:66//AC004087
20 R-PLACE1006288//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 20N2, WORKING
DRAFT SEQUENCE.//3.5e-120:611:96//AL031320
R-PLACE1006318
R-PLACE1006325//Plasmodium falciparum MAL3P8, complete sequence.//1.0:426:57//AL034560
R-PLACE1006335//Human DNA sequence from PAC 849L7 on chromosome Xq21.//0.96:173:66//AL008987
25 R-PLACE1006357//P.falciparum complete gene map of plastid-like DNA (IR-B).//1.9e-07:491:58//X95276
R-PLACE1006360//Plasmodium falciparum chromosome 2, section 35 of 73 of the complete sequence.//0.25:484:
56//AE001398
R-PLACE1006368//Caenorhabditis elegans cosmid Y38H6C, complete sequence.//1.0:240:59//AL031630
R-PLACE1006371//Homo sapiens chromosome 16, cosmid clone 360H6 (LANL), complete sequence.//3.7e-101:
30 574:91//AC004232
R-PLACE1006382
R-PLACE1006385//Mus musculus intersectin-EH binding protein lbp2 mRNA, partial cds.//1.4e-50:350:86//
AF057286
R-PLACE1006412//Homo sapiens clone DJ0673M15, WORKING DRAFT SEQUENCE, 33 unordered pieces.//
35 5.1e-51:339:82//AC004854
R-PLACE1006414//Homo sapiens 12p13.3 PAC RPCI5-927J10 (Roswell Park Cancer Institute Human PAC li-
brary) complete sequence.//1.6e-38:297:84//AC004804
R-PLACE1006438//Homo sapiens full-length insert cDNA YH73H06.//7.6e-73:422:90//AF074985
R-PLACE1006445//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 1018K9, WORKING
40 DRAFT SEQUENCE.//3.0e-07:376:61//AL031726
R-PLACE1006469
R-PLACE1006470//Mouse B1 repetitive sequence DNA.//1.0:96:66//M24152
R-PLACE1006482//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 447C4, WORKING
DRAFT SEQUENCE.//3.0e-101:535:94//AL021977
45 R-PLACE1006492//Homo sapiens chromosome 17, clone hRPK.180_P_8, complete sequence.//0.78:44:95//
AC005972
R-PLACE1006506//R.norvegicus BSP gene.//1.0:206:60//X86100
R-PLACE1006521//RPCI11-13L8.TV RPCI-11 Homo sapiens genomic clone RPCI-11-13L8, genomic survey se-
quence.//9.0e-17:414:61//B75158
50 R-PLACE1006531//Plasmodium falciparum coronin gene, isolate 3D7.//0.98:186:63//AJ002197
R-PLACE1006534//Anopheles gambiae complete mitochondrial genome.//0.051:412:61//L20934
R-PLACE1006540//Homo sapiens clone UWGC:y55c025 from 6p21, complete sequence.//7.5e-41:470:70//
AC004209
R-PLACE1006552//Caenorhabditis elegans DNA *** SEQUENCING IN PROGRESS *** from clone Y47D3,
55 WORKING DRAFT SEQUENCE.//0.57:355:57//Z98865
R-PLACE1006598//Plasmodium falciparum 3D7 chromosome 12 PFYAC588 genomic sequence, WORKING
DRAFT SEQUENCE, 2 unordered pieces.//0.016:291:58//AC004710
R-PLACE1006615//Homo sapiens eukaryotic translation initiation factor eIF3, p35 subunit mRNA, complete cds.//

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2.9e-116:590:95//U97670
R-PLACE1006617//Homo sapiens chromosome 4 clone B207D4 map 4q25, complete sequence//2.2e-45:209:88//AC004050
R-PLACE1006626//C. elegans cosmid K12H4//1.2e-16:344:64//L14331
5 R-PLACE1006629//Homo sapiens chromosome 19, cosmid F20900, complete sequence//2.8e-25:343:70//AC006128
R-PLACE1006640//CIT-HSP-2169L1.TF CIT-HSP Homo sapiens genomic clone 2169L1, genomic survey sequence//0.00020:201:62//B90038
10 R-PLACE1006673//Homo sapiens clone DJ076B20, WORKING DRAFT SEQUENCE, 6 unordered pieces//1.4e-42:309:84//AC004882
R-PLACE1006678//Homo sapiens PAC clone DJ1166G19 from 7p12-p11.2, complete sequence//6.4e-09:454:59//AC006024
R-PLACE1006704//Human DNA sequence from clone 249C1 on chromosome Xq21.1-22.2 Contains GSS, complete sequence//0.56:226:63//AL022154
15 R-PLACE1006731//Homo sapiens clone 23923 mRNA sequence//6.0e-101:486:98//AF038172
R-PLACE1006754//Homo sapiens chromosome 19, cosmid R29124, complete sequence//1.4e-68:381:93//AC005626
R-PLACE1006760//Homo sapiens clone 24800 mRNA sequence//6.2e-72:397:92//AF070622
R-PLACE1006779//Rattus norvegicus intestinal trefoil factor gene, promoter and partial cds//1.6e-11:420:61//U20984
20 R-PLACE1006782//Caenorhabditis elegans DNA *** SEQUENCING IN PROGRESS *** from clone Y47D3, WORKING DRAFT SEQUENCE//0.60:321:58//Z98865
R-PLACE1006792//Homo sapiens chromosome 4 clone C0026P05 map 4P16, complete sequence//2.9e-40:379:77//AC005599
25 R-PLACE1006795//Homo sapiens BAC clone RG281G05 from 7p15-p21, complete sequence//6.2e-07:291:63//AC005083
R-PLACE1006800//HS_2270_B1_D02_MR CIT Approved Human Genomic Sperm Library D Homo sapiens genomic clone Plate=2270 Col=3 Row=H, genomic survey sequence//4.1e-76:367:99//AQ085793
R-PLACE1006805//Plasmodium falciparum 3D7 chromosome 12 PFYACB8-628 genomic sequence, WORKING DRAFT SEQUENCE, 9 unordered pieces//0.00058:354:59//AC005507
30 R-PLACE1006815//HS_3028_B1_B04_MF CIT Approved Human Genomic Sperm Library D Homo sapiens genomic clone Plate=3028 Col=7 Row=D, genomic survey sequence//1.5e-33:251:77//AQ120174
R-PLACE1006819//Human DNA sequence from PAC 121G13 on chromosome 6 contains flow sorted chromosome 6 HindIII fragment ESTs. polymorphic CA repeat, CpG island, CpG island genomic fragments//1.4e-76:544:84//Z86062
35 R-PLACE1006829
R-PLACE1006860
R-PLACE1006867//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 323M4, WORKING DRAFT SEQUENCE//3.2e-107:549:95//AL033378
40 R-PLACE1006878//Homo sapiens full-length insert cDNA clone ZB55G05//1.4e-46:241:97//AF086155
R-PLACE1006883//Homo sapiens chromosome 16, cosmid clone 360H6 (LANL), complete sequence//1.3e-38:283:85//AC004232
R-NNNNNNNNNNNN
R-PLACE1006904//Human DNA sequence from PAC 360E18 on chromosome X contains EST, CpG island and polymorphic CA repeat//4.1e-15:477:62//Z82203
45 R-PLACE1006917//Homo sapiens Xp22 bins 45-47 BAC GSHB-665N22 (Genome Systems Human BAC Library) complete sequence//1.3e-42:305:87//AC005184
R-PLACE1006932
R-PLACE1006935//Human DNA sequence from PAC 117P19 on chromosome X//0.0014:114:74//Z86061
50 R-NNNNNNNNNNNN//Mouse mRNA for germ cell specific protein APG-1, complete cds//9.5e-85:590:83//D49482
R-PLACE1006961//Homo sapiens chromosome 17, clone hRPK.349_A_8, complete sequence//6.7e-42:295:86//AC005544
R-PLACE1006962//Homo sapiens Xp22 PAC RPC11-167A22 (from Roswell Park Cancer Center) complete sequence//1.1e-19:302:71//AC002349
55 R-PLACE1006966//HS_2219_B2_C02_MF CIT Approved Human Genomic Sperm Library D Homo sapiens genomic clone Plate=2219 Col=4 Row=F, genomic survey sequencer//0.019:180:63//AQ145873
R-PLACE1006989
R-PLACE1007014

- R-PLACE1007021//Homo sapiens chromosome 12p13.3 clone RPCI3-454B23, WORKING DRAFT SEQUENCE, 48 unordered pieces//1.6e-23:362:70//AC005845,
R-PLACE1007045//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 32B1, WORKING DRAFT SEQUENCE//2.3e-90:584:86//AL023693
- 5 R-PLACE1007053//Homo sapiens clone DJ0810E06, WORKING DRAFT SEQUENCE, 8 unordered pieces//2.4e-108:550:96//AC004895
R-PLACE1007097//Homo sapiens DNA sequence from BAC 55C20 on chromosome 6. Contains a Spinal Muscular Atrophy (SMA3) LIKE gene overlapping with a beta-glucuronidase LIKE pseudogene. Contains a membrane protein LIKE pseudogene, a Glyceraldehyde 3-phosphate dehydrogenase (GAPDH) LIKE pseudogene, five predicted tRNA genes. Contains ESTs, GSSs (BAC end sequences) and a CA repeat polymorphism, complete sequence//1.8e-103:552:93//AL021368
R-PLACE1007105//Mus musculus muskulin mRNA, complete cds//2.7e-32:379:73//U72194
R-PLACE1007111//Plasmodium falciparum 3D7 chromosome 12 PFYAC69 genomic sequence, WORKING DRAFT SEQUENCE, 4 unordered pieces//0.14:422:57//AC004688
- 15 R-PLACE1007112//Cynips cornifex cytb gene//0.020:427:58//AJ228479
R-PLACE1007132//Homo sapiens full-length insert cDNA YH77E09//5.7e-107:535:96//AF074987
R-PLACE1007140//Homo sapiens clone RG030L05, WORKING DRAFT SEQUENCE, 3 unordered pieces//0.36:408:58//AC005050
R-PLACE1007178//Homo sapiens clone HEA4 Cri-du-chat region mRNA//0.99:63:73//AF009283
- 20 R-PLACE1007226
R-PLACE1007238
R-PLACE1007239//Homo sapiens mRNA for transcription elongation factor S-II, hS-II-T1, complete cds//2.0e-91:534:89//D50495
R-PLACE1007242//CITBI-E1-2512M9.TF CITBI-E1 Homo sapiens genomic clone 2512M9, genomic survey sequence//1.3e-05:117:76//AQ279454
- 25 R-PLACE1007243//Prototheca wickerhamii 263-11 complete mitochondrial DNA//0.21:284:58//U02970
R-PLACE1007257//Homo sapiens mRNA for dia-12c protein//6.9e-113:607:93//Y15908
R-PLACE1007274//Homo sapiens chromosome 17, clone hRPK.394_K_10, complete sequence//4.4e-10:135:74//AC006080
- 30 R-PLACE1007276//Homo sapiens BAC clone 255A7 from 8q21 containing NBS1 gene, complete sequence//1.7e-36:435:72//AF069291
R-PLACE1007282//B. garinii (strain Tls1) p83/100 gene (partial)//0.95:183:60//X81533
R-PLACE1007286//RPCI11-13L8.TV RPCI-11 Homo sapiens genomic clone RPCI-11-13L8, genomic survey sequence//6.1e-55:519:76//B75158
- 35 R-PLACE1007301//Human DNA sequence from PAC 106H8 on chromosome 1q24. Contains PHOSPHATIDYLINISITOL-GLYCAN class C (PIG-C) and DYNAMIN-3 genes. Contains ESTs and STSs and a CpG island//0.75:180:62//Z97195
R-PLACE1007317//Drosophila dasyncemia 16S ribosomal RNA gene, mitochondrial gene for mitochondrial RNA, partial sequence//0.59:236:59//U94253
- 40 R-PLACE1007342
R-PLACE1007346//Homo sapiens estrogen-responsive B box protein (EBBP) mRNA, complete cds//3.7e-65:367:91//AF096870
R-PLACE1007367//Plasmodium falciparum 3D7 chromosome 12 PFYACB8-628 genomic sequence, WORKING DRAFT SEQUENCE, 9 unordered pieces//1.0e-06:385:62//AC005507
- 45 R-PLACE1007375//Plasmodium falciparum 3D7 chromosome 12 PFYAC1122 genomic sequence, WORKING DRAFT SEQUENCE, 3 unordered pieces//0.10:309:59//AC004709
R-PLACE1007386//Reclinomonas americana mitochondrial DNA, complete genome//0.0012:403:58//AF007261
R-PLACE1007402//HS_2055_A2_D03_MR CIT Approved Human Genomic Sperm Library D Homo sapiens genomic clone Plate=2055 Col=6 Row=G, genomic survey sequence//0.0046:88:79//AQ234824
- 50 R-PLACE1007409//Homo sapiens mitoxantrone resistance protein 1 mRNA, partial sequence//7.6e-112:590:94//AF093771
R-PLACE1007416//Homo sapiens chromosome 19, cosmid R26894, complete sequence//0.96:98:70//AC005594
R-PLACE1007450//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 54B20, WORKING DRAFT SEQUENCE//1.7e-39:308:82//Z98304
- 55 R-PLACE1007452//Homo sapiens PAC clone DJ0320J15 from Xq23, complete sequence//2.6e-59:389:82//AC004081
R-PLACE1007460
R-PLACE1007478//Homo sapiens 12q13.1 PAC RPCI3-197B17.(Roswell Park Cancer Institute Human PAC li-

- brary) complete sequence //7.0e-08:335:60//AC004241
 R-PLACE1007484
 R-PLACE1007488//Glossina morsitans morsitans 16S ribosomal RNA gene, mitochondrial gene for mitochondrial RNA, partial sequence //2.5e-05:421:61//AF072373
 5 R-PLACE1007507//Plasmodium falciparum MAL3P7, complete sequence //2.3e-09:577:57//AL034559
 R-PLACE1007511//Homo sapiens chromosome 17, clone hRPC.1110_E_20, complete sequence //1.2e-79:387:96//AC004231
 R-PLACE1007524//Homo sapiens chromosome 19, overlapping cosmids F18547, F11133, R27945, R28830 and R32804, complete sequence //3.4e-09:148:73//AC003682
 10 R-PLACE1007525//Homo sapiens Chromosome 16 BAC clone CIT987SK-44M2, complete sequence //4.7e-38:297:82//AC004381
 R-PLACE1007544
 R-PLACE1007547//Human laminin alpha 4 chain (LAMA4*-1) mRNA, complete cds //4.0e-17:108:97//U77706
 R-PLACE1007557//Human BAC clone RG343P13 from 7q31, complete sequence //2.2e-45:390:77//AC002465
 15 R-PLACE1007583//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 545L17, WORKING DRAFT SEQUENCE //1.0e-56:302:95//AL031665
 R-PLACE1007598//Homo sapiens clone 23939 mRNA sequence //1.5e-102:554:93//AF038179
 R-PLACE1007618
 R-PLACE1007621//Homo sapiens clone 23859 mRNA sequence //1.4e-103:537:94//AF038176
 20 R-PLACE1007632//High throughput sequencing of human chromosome 12, WORKING DRAFT SEQUENCE, 1 ordered pieces //3.3e-76:289:94//AC005840
 R-PLACE1007645//Homo sapiens full-length insert cDNA clone ZD76G10 //0.0080:96:77//AF086408
 R-PLACE1007649//CIT-HSP-2308A18.TR CIT-HSP Homo sapiens genomic clone 2308A18, genomic survey sequence //1.1e-82:412:97//AQ022149
 25 R-PLACE1007677//Plasmodium falciparum chromosome 2, section 4 of 73 of the complete sequence //0.0041:470:57//AE001367
 R-PLACE1007688
 R-PLACE1007690//Human Chromosome 16 BAC clone CIT987SK-A-418G10, complete sequence //1.3e-22:162:91//AC002044
 30 R-PLACE1007697
 R-PLACE1007705//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 460J8, WORKING DRAFT SEQUENCE //4.4e-121:624:95//AL031662
 R-PLACE1007706//Homo sapiens metalloprotease 1 (MP1) mRNA, complete cds //1.8e-73:374:96//AF061243
 R-PLACE1007725//Caenorhabditis elegans cosmid F38A5 //0.070:186:60//U70854
 35 R-PLACE1007729//Human endogenous retrovirus HERV-K(HML6) proviral clone HML6.17 putative polymerase and envelope genes, partial cds, and 3'LTR //3.8e-53:415:81//U60269
 R-PLACE1007730//Homo sapiens mRNA for KIAA0685 protein, complete cds //2.1e-92:556:89//AB014585
 R-PLACE1007737//Homo sapiens clone Sb19.12 Alu-Yb8 sequence //4.0e-43:302:77//AF015169
 R-PLACE1007743//Plasmodium falciparum MAL3P8, complete sequence //1.0e-06:533:59//AL034560
 40 R-PLACE1007746//T.brucei mitochondrial maxicircle DNA encoding cytochrome c oxidase subunit I (COI), and NADH dehydrogenase subunits 4 and 5, complete cds //0.28:386:58//M14820
 R-PLACE1007791//D.discoideum gene for protein kinase //0.17:263:60//Z37981
 R-PLACE1007807//Human DNA sequence from clone 878O8 on chromosome Xq21.1-21.33. Contains an EST, STSs, a GSS and genomic marker DXS472, complete sequence //1.1e-72:324:88//AL031116
 45 R-PLACE1007810//Homo sapiens chromosome 7 common fragile site, complete sequence //2.2e-14:325:67//AF017104
 R-PLACE1007829//Human BAC clone GS165104 from 7q21, complete sequence //0.00052:455:61//AC002379
 R-PLACE1007843//P.falciparum complete gene map of plastid-like DNA (IR-A) //0.0050:447:57//X95275
 R-PLACE1007846//Homo sapiens genomic DNA, chromosome 21q22.2 (Down Syndrome region), segment 3/15, WORKING DRAFT SEQUENCE //2.2e-111:570:95//AP000010
 50 R-PLACE1007852//HS_3028_B2_F04_MR CIT Approved Human Genomic Sperm Library D Homo sapiens genomic clone Plate=3028 Col=8 Row=L, genomic survey sequence //1.3e-12:209:71//AQ131021
 R-PLACE1007858//Homo sapiens mRNA for KIAA0766 protein, complete cds //6.6e-110:574:94//AB018309
 R-PLACE1007866//Homo sapiens DNA sequence from PAC 454M7 on chromosome Xq25-26.3. Contains the OCRL1 gene for Lowe Oculocerebrorenal Syndrome protein OCRL-1. Contains ESTs, STSs and GSSs, complete sequence //1.6e-43:551:70//AL022162
 55 R-PLACE1007877//Homo sapiens chromosome 5, BAC clone 34j15 (LBNL H169), complete sequence //1.6e-22:222:78//AC005754

- R-PLACE1007897//HS_3113_B2_E04_T7 CIT Approved Human Genomic Sperm Library D Homo sapiens genomic clone Plate=3113 Col=8 Row=J, genomic survey sequencer.//2.9e-72:381:95//AQ186905
- R-PLACE1007908//Homo sapiens mRNA, chromosome 1 specific transcript KIAA0487.//8.8e-88:460:95//AB007956
- 5 R-PLACE1007946//Human chromosome Y cosmid 54E8 genomic sequence, WORKING DRAFT SEQUENCE.//4.9e-23:172:78//AC003095
- R-PLACE1007954//Homo sapiens BAC clone NH0414C23 from Y, complete sequence.//1.7e-27:303:75//AC006157
- 10 R-PLACE1007955//Homo sapiens cyclin-D binding Myb-like protein mRNA, complete cds.//3.9e-102:513:95//AF084530
- R-PLACE1007958//Homo sapiens cAMP-specific phosphodiesterase 8B (PDE8B) mRNA, partial cds.//2.2e-87:465:93//AF079529
- R-PLACE1007969//Mus musculus myelin gene expression factor (MEF-2) mRNA, partial cds.//4.8e-72:556:81//U13262
- 15 R-PLACE1007990//E.tenella antigen LPMC61 mRNA, partial cds.//0.043:273:63//M30933
- R-PLACE1008000//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 668J24, WORKING DRAFT SEQUENCE.//8.8e-10:453:62//AL034346
- R-PLACE1008002//Homo sapiens clone DJ0613C23, WORKING DRAFT SEQUENCE, 4 unordered pieces.//9.0e-114:563:96//AC005628
- 20 R-PLACE1008044//Rattus norvegicus nuclear pore complex protein NUP107 mRNA, complete cds.//2.6e-44:509:72//L31840
- R-PLACE1008045//Homo sapiens chromosome 5, BAC clone 79a6 (LBNL H172), complete sequence.//0.32:137:66//AC005592
- 25 R-PLACE1008080//Arabidopsis thaliana chromosome II BAC F10A12 genomic sequence, complete sequence.//0.082:292:59//AC006232
- R-PLACE1008095//Homo sapiens BAC clone NH0364H22 from 2, complete sequence.//5.4e-27:260:76//AC005036
- R-PLACE1008111//Human variable number tandem repeat (VNTR) region, allele 12R1 3' to collagen type II (COL2A1) gene.//2.2e-07:444:59//L10157
- 30 R-PLACE1008122//Homo sapiens chromosome 17, clone hRPK.142_H_19, complete sequence.//1.9e-11:384:63//AC005919
- R-PLACE1008129//Homo sapiens clone DJ1087M19, WORKING DRAFT SEQUENCE, 7 unordered pieces.//3.0e-10:189:66//AC004955
- R-PLACE1008132//Human HepG2 3' region cDNA, clone hmd5d06.//7.4e-47:320:86//D16939
- 35 R-PLACE1008177//Mouse mRNA for meiosis-specific nuclear structural protein 1 (MNS1), complete cds.//2.6e-32:410:70//D14849
- R-PLACE1008181//Caenorhabditis elegans cosmid C31H2.//0.055:358:60//U41748
- R-PLACE1008198
- R-nnnnnnnnnnnn//Homo sapiens mRNA for KIAA0530 protein, partial cds.//4.8e-103:551:93//AB011102
- 40 R-PLACE1008209//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 1125A11, WORKING DRAFT SEQUENCE.//4.6e-16:250:71//AL034549
- R-PLACE1008231//Plasmodium falciparum 3D7 chromosome 12 PFYAC69 genomic sequence, WORKING DRAFT SEQUENCE, 4 unordered pieces.//0.13:341:60//AC004688
- R-PLACE1008244//P.falciparum P.195 gene.//0.11:212:66//A04562
- 45 R-PLACE1008273//Human MEST mRNA, complete cds.//0.00013:52:100//D78611
- R-nnnnnnnnnnnn
- R-PLACE1008280//Homo sapiens chromosome 7 clone UWGC:g3586a160 from 7p14-15, complete sequence.//1.5e-05:104:76//AC005272
- R-PLACE1008309//Human 'at'-rich region adjacent to alpha satellite DNA.//0.70:138:63//M80308
- 50 R-PLACE1008329//Homo sapiens chromosome 10 clone CIT-HSP-1240G16 map 10q25.1, complete sequence.//0.00061:150:68//AC005886
- R-PLACE1008330//Homo sapiens chromosome 19, cosmid F21431, complete sequence.//4.8e-74:252:98//AC005176
- R-PLACE1008333//Genomic sequence from Human 13, complete sequence.//1.0:176:65//AC001226
- 55 R-PLACE1008356//Homo sapiens meningioma-expressed antigen 5 (MEA5) mRNA, 3' UTR.//2.5e-98:556:90//AF036145
- R-PLACE1008368//HS-1639-A1-C10-MF.abi CIT Human Genomic Sperm Library C Homo sapiens genomic clone Plate=CT 821 Col=19 Row=E, genomic survey sequence.//1.2e-05:375:62//B36336

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R-PLACE1008369//Homo sapiens genomic DNA, chromosome 21q22.2 (Down Syndrome region), segment 4/15, WORKING DRAFT SEQUENCE.//2.8e-10:466:61//AP000011

R-PLACE1008392//Homo sapiens chromosome 17, clone hRPK.471_L_13, complete sequence.//1.0e-46:282:82//AC005244

5 R-PLACE1008398//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 215D11, WORKING DRAFT SEQUENCE.//4.1e-101:529:94//AL034417

R-PLACE1008401//*** SEQUENCING IN PROGRESS *** Homo sapiens chromosome 4, BAC clone C0366H07; HTGS phase 1, WORKING DRAFT SEQUENCE, 28 unordered pieces.//0.18:379:58//AC004604

R-nnnnnnnnnnn//Homo sapiens mRNA for p115, complete cds.//1.6e-101:521:95//D86326

10 R-PLACE1008405//Human cosmidCIR-JC2015 at D10S289 in 10sp13.//6.8e-22:328:71//U15177

R-PLACE1008424

R-PLACE1008426//Homo sapiens genomic DNA of 8p21.3-p22 anti-oncogene of hepatocellular colorectal and non-small cell lung cancer, segment 7/11.//7.5e-101:505:96//AB020864

R-PLACE1008429//Human DNA sequence from clone 20J23 on chromosome Xq26.2-27.2 Contains ras-related C3 botulinum toxin substrate 1 (P21-RAC1) (ras-like protein TC25) EST, CA repeat, STS, CpG island, complete sequence.//1.2e-11:118:78//AL022576

15 R-PLACE1008437//H.sapiens genomic DNA (PAC 838L14) from chromosome 11, WORKING DRAFT SEQUENCE.//2.2e-06:159:69//Y12335

R-PLACE1008455

20 R-PLACE1008457//Homo sapiens chromosome 17, Neurofibromatosis 1 locus, complete sequence.//1.2e-109:588:93//AC004526

R-PLACE1008465//CIT978SK-A-28A11.TVE CIT978SK Homo sapiens genomic clone A-28A11, genomic survey sequence.//1.1e-10:133:77//B78696

R-PLACE1008488

25 R-PLACE1008524//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 34B21, WORKING DRAFT SEQUENCE.//7.3e-120:612:95//AL031778

R-PLACE1008531//Homo sapiens wbscr1 (WBSCR1) and replication factor C subunit 2 (RFC2) genes, complete cds.//8.5e-96:510:93//AF045555

R-PLACE1008532

30 R-PLACE1008533

R-PLACE1008568//HS_3218_B2_D08_T7 CIT Approved Human Genomic Sperm Library D Homo sapiens genomic clone Plate=3218 Col=16 Row=H, genomic survey sequence.//0.0042:295:62//AQ214623

R-PLACE1008584//Human PAC clone DJ0596009 from 7p15, complete sequence.//5.0e-26:254:66//AC003074

R-PLACE1008621//Homo sapiens chromosome 17, clone hRPK.346_K_10, complete sequence.//4.0e-78:498:86//AC006120

35 R-nnnnnnnnnnnnn

R-PLACE1008626//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 97P20, WORKING DRAFT SEQUENCE.//5.5e-06:228:67//AL031297

R-PLACE1008627//Cricetulus griseus mRNA for Zn finger factor.//3.4e-20:335:71//Y12836

40 R-PLACE1008629//Homo sapiens clone DJ0309D19, WORKING DRAFT SEQUENCE, 12 unordered pieces.//0.55:326:58//AC004826

R-PLACE1008630//Homo sapiens genomic DNA, 21q region, clone: B175P11X96, genomic survey sequence.//0.13:440:55//AG011096

R-PLACE1008643//Human BAC clone RG083J23 from 7q31, complete sequence.//1.3e-58:356:82//AC004001

45 R-PLACE1008650//Homo sapiens pleiotropic regulator 1 (PLRG1) mRNA, complete cds.//2.4e-88:434:97//AF044333

R-PLACE1008693//CIT-HSP-2025M9.TR CIT-HSP Homo sapiens genomic clone 2025M9, genomic survey sequence.//1.2e-41:300:82//B64742

R-PLACE1008696//Homo sapiens NADH dehydrogenase-ubiquinone Fe-S protein 8 23 kDa subunit (NDUFS8) gene, nuclear gene encoding mitochondrial protein, complete cds.//4.8e-31:320:75//AF038406

50 R-PLACE1008715//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 799N4, WORKING DRAFT SEQUENCE.//0.074:478:58//AL022147

R-PLACE1008748//CIT-HSP-2170P12.TR CIT-HSP.Homo sapiens genomic clone 2170P12, genomic survey sequence.//8.5e-42:160:86//B90841

55 R-PLACE1008757//Homo sapiens 12q24.2 PAC RPCI4-765H13 (Roswell Park Cancer Institute Human PAC Library) complete sequence.//0.99:211:61//AC005864

R-PLACE1008790//Rattus norvegicus clone1 polymeric immunoglobulin receptor mRNA 3' untranslated region, GA rich region, and microsatellites with GGA-triplet and GAA-triplet repeats.//0.052:108:68//U00762

R-PLACE1008798//Homo sapiens full-length insert cDNA clone YZ86C05//7.7e-58:285:100//AF086088
 R-PLACE1008807//CIT-HSP-2366014.TR CIT-HSP Homo sapiens genomic clone 2366014, genomic survey sequence//3.5e-35:223:89//AQ079210
 R-PLACE1008808//Homo sapiens exonuclease homolog RAD1 (RAD1) mRNA, complete cds//2.3e-97:499:95//AF030933
 5 R-PLACE1008813//Rattus norvegicus rsec15 mRNA, complete cds//9.7e-45:394:78//AF032668
 R-PLACE1008851//Human Chromosome 15q26.1 PAC clone pDJ460g16, WORKING DRAFT SEQUENCE, 3 unordered pieces//2.9e-28:207:87//AC004581
 R-nnnnnnnnnnnnn//CIT-HSP-2172B3.TF CIT-HSP Homo sapiens genomic clone 2172B3, genomic survey sequence//8.9e-30:166:97//B93289
 10 R-PLACE1008867//Homo sapiens BAC clone RG054D04 from 7q31, complete sequence//3.5e-76:404:95//AC005058
 R-PLACE1008887//Homo sapiens clone DJ0943F02, WORKING DRAFT SEQUENCE, 3 unordered pieces//7.7e-37:585:67//AC004932
 15 R-PLACE1008902//Homo sapiens chromosome Y, clone hCIT.494_G_17, complete sequence//0.0022:409:60//AC005820
 R-PLACE1008920//Homo sapiens mRNA for KIAA0765 protein, partial cds//8.2e-55:344:89//AB018308
 R-PLACE1008925//Caenorhabditis elegans DNA *** SEQUENCING IN PROGRESS *** from clone Y53F4, WORKING DRAFT SEQUENCE//0.0014:398:58//Z92860
 20 R-PLACE1008934
 R-PLACE1008941//Homo sapiens chromosome 17, clone hRPK.293_K_20, complete sequence//9.8e-84:429:92//AC005495
 R-PLACE1008947
 R-PLACE1009020
 25 R-PLACE1009027//Human DNA sequence from clone 914P14 on chromosome Xq23 Contains calpain-like protease gene, DCX (doublecortin) ESTs, CA repeat, GSS, complete sequence//1.3e-82:434:95//AL031117
 R-PLACE1009039//Human DNA sequence from clone 276K20 on chromosome 6p22.1-22.3. Contains STSs, GSSs and a putative CpG island, complete sequence//0.00010:297:58//AL031391
 R-PLACE1009045//Homo sapiens chromosome 17, clone hRPC.117_B_12, complete sequence//2.9e-06:160:70//AC004707
 30 R-PLACE1009048//Human DNA sequence from clone 511E16 on chromosome 6p24.3-25.1. Contains the last coding exon of the gene for P18 component of aminoacyl-tRNA synthetase complex, part of an unknown gene downstream of a putative CpG island, and an STS with a CA repeat polymorphism, complete sequence//1.3e-16:339:66//AL023694
 35 R-PLACE1009050//Aedes aegypti gene sequence, primary transcript//0.40:393:59//L17023
 R-PLACE1009060//Mus musculus mRNA for Alix-SF (ALG-2-interacting protein X, short form, complete CDS//0.00075:79:83//AJ005074
 R-PLACE1009090//Homo sapiens chromosome 1, BAC CIT-HSP-292g8 (BC262482), complete sequence//6.7e-13:212:73//AC004783
 40 R-PLACE1009094//Caenorhabditis elegans cosmid C49F8, complete sequence//0.49:221:61//Z70206
 R-PLACE1009099
 R-PLACE1009110//Homo sapiens Xp22 BAC GS-321G17 (Genome Systems Human BAC library) complete sequence//5.1e-17:301:66//AC004025
 R-PLACE1009111//Plasmodium falciparum 3D7 chromosome 12 PFYACB8-420 genomic sequence, WORKING DRAFT SEQUENCE, 14 unordered pieces//1.2e-06:234:61//AC005140
 45 R-PLACE1009130//Plasmodium falciparum MAL3P6, complete sequence//7.5e-06:426:58//Z98551
 R-PLACE1009150//Homo sapiens *** SEQUENCING IN PROGRESS *** WORKING DRAFT SEQUENCE//2.3e-118:614:95//AJ011929
 R-PLACE1009155//Homo sapiens genomic DNA, chromosome 21q11.1, segment 2/28, WORKING DRAFT SEQUENCE//1.4e-107:584:93//AP000031
 50 R-PLACE1009158//Homo sapiens full-length insert cDNA clone YP10D03//1.9e-105:539:95//AF085876
 R-PLACE1009166//Homo sapiens chromosome 17, clone hRPK.180_P_8, complete sequence//2.8e-44:360:71//AC005972
 R-PLACE1009172//Human cosmid QLL2C9 from Xq28//4.1e-37:401:74//Z47046
 55 R-PLACE1009174//Homo sapiens PAC clone DJ0907C10 from 7q31-3q32, complete sequence//2.1e-17:140:81//AC004925
 R-PLACE1009183//Homo sapiens DNA sequence from PAC 418A9 on chromosome 6q21. Contains the first (5') two exons of a CDK8 (Cell Division Protein Kinase 8) LIKE gene, a Neutral Calponin LIKE pseudogene, ESTs and

- STSS, complete sequence//1.9e-46:572:69//Z84480
 R-PLACE1009186//Human Chromosome X, complete sequence//0.016:322:61//AC004070
 R-PLACE1009190//Plasmodium falciparum MAL3P8, complete sequence//0.050:487:58//AL034560
 R-PLACE1009200//H.sapiens mRNA for sortilin//1.0e-31:195:92//X98248
 5 R-PLACE1009230//Homo sapiens chromosome 19, CIT-HSP BAC 490g23 (BC338531), complete sequence//
 1.8e-75:364:85//AC005392
 R-PLACE1009246//Cricetulus griseus SRD-2 mutant sterol regulatory element binding protein-2 (SREBP-2) mR-
 NA, complete cds//6.6e-44:525:71//U22818
 R-PLACE1009308
 10 R-PLACE1009319//Homo sapiens 12q13.1 PAC RPCI1-228P16 (Roswell Park Cancer Institute Human PAC Li-
 brary) complete sequence//0.00010:132:75//AC004801
 R-PLACE1009328//Homo sapiens chromosome 17, clone hRPK.346_K_10, complete sequence//3.3e-87:576:
 85//AC006120
 R-PLACE1009335//Borrelia burgdorferi (section 62 of 70) of the complete genome//0.32:315:60//AE001176
 15 R-PLACE1009338//Plasmodium falciparum 3D7 chromosome 12 PFYACB8-420 genomic sequence, WORKING
 DRAFT SEQUENCE, 14 unordered pieces//6.8e-05:411:59//AC005140
 R-PLACE1009368//Homo sapiens PAC clone DJ1179J19 from 7q11.23-q21, complete sequence//0.00040:280:
 61//AC004989
 R-PLACE1009375//D. yakuba mitochondrial DNA for origin of replication, small ribosomal RNA, transfer RNAs
 20 tRNA-fMet, tRNA-Gln, tRNA-Ile and tRNA-Val//1.1e-08:444:60//X05915
 R-PLACE1009388
 R-PLACE1009398//Homo sapiens BAC clone GS011E15 from 5q31, complete sequencer//0.065:279:61//
 AC002427
 R-nnnnnnnnnnn//Homo sapiens clone NH0486I22, WORKING DRAFT SEQUENCE, 5 unordered pieces//1.0e-
 25 06:253:64//AC005038
 R-PLACE1009410//Homo sapiens chromosome 17, clone hRPK.142_H_19, complete sequence//9.8e-112:561:
 96//AC005919
 R-PLACE1009434//Human DNA sequence from clone 459L4 on chromosome 6p22.3-24.1 Contains EST, STS,
 GSS, complete sequence//2.2e-21:126:79//AL031120 R-PLACE1009443//Homo sapiens nucleolar protein Nop30
 30 and cytoplasmic protein Myp (NOP) gene, alternatively spliced products, complete cds//4.5e-14:117:91//
 AF064598
 R-PLACE1009444//Homo sapiens phosphatidylinositol 4-kinase mRNA, complete cds//9.6e-85:479:90//L36151
 R-PLACE1009459
 R-PLACE1009476//Homo sapiens Chromosome 16 BAC clone CIT987SK-A-67A1, complete sequence//5.6e-
 35 101:540:94//AC004531
 R-PLACE1009477//Homo sapiens, clone hRPK.15_A_1, complete sequence//3.4e-46:284:91//AC006213
 R-PLACE1009493//Human Chromosome 16 BAC clone CIT987SK-A-363E6, complete sequence//5.5e-107:581:
 92//U91321
 R-PLACE1009524//Homo sapiens DNA sequence from PAC 63G5 on chromosome-22q12.3-13.1. Contains part
 40 of a gene for a human SEC7 homolog B2-1 (cytohesin-2, Arno, ARF exchange factor) LIKE protein, an unknown
 gene and a gene coding for a Leucine rich protein. Contains ESTs, STSs and GSSs, complete sequence//0.74:
 301:61//Z94160
 R-PLACE1009539//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 167A19, WORKING
 DRAFT SEQUENCE//5.7e-29:357:74//AL031427
 45 R-PLACE1009542//CIT-HSP-2166P10.TRB CIT-HSP Homo sapiens genomic clone 2166P10, genomic survey
 sequence//2.6e-10:145:75//B89614
 R-PLACE1009571//RPCI11-61J16.TK RPCI11 Homo sapiens genomic clone R-61J16, genomic survey se-
 quence//0.016:68:80//AQ202146
 R-PLACE1009581
 50 R-PLACE1009595//Homo sapiens clone DJ56J10, complete sequence//1.8e-38:365:79//AC005006
 R-PLACE1009596//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 501A4, WORKING
 DRAFT SEQUENCE//1.2e-29:314:76//Z98051
 R-PLACE1009607//cSRL-77g9-u cSRL flow sorted Chromosome 11 specific cosmid Homo sapiens genomic clone
 cSRL-77g9, genomic survey sequence//2.1e-05:142:69//B06230
 55 R-PLACE1009613//Plasmodium falciparum DNA *** SEQUENCING IN PROGRESS *** from contig 4-89, complete
 sequence//3.6e-08:434:59//AL010266
 R-PLACE1009621//Sequence 50 from patent US 5691147//1.5e-20:235:73//I76222
 R-PLACE1009622//CIT-HSP-2023D13.TFB CIT-HSP Homo sapiens genomic clone 2023D13, genomic survey

- sequence.//0.72:176:62//B81271
 R-PLACE1009637//P.falciparum complete gene map of plastid-like DNA (IR-B).//0.0068:396:59//X95276
 R-PLACE1009639//Arabidopsis thaliana DNA chromosome 4, BAC clone F10M6 (ESSAll project)//0.013:521:58//AL021811
- 5 R-PLACE1009659//Homo sapiens mRNA for KIAA0587 protein, complete cds.//1.0e-107:589:92//AB011159
 R-PLACE1009665//Human PAC clone DJ0658N05 from 7p21, complete sequence.//8.4e-72:487:85//AC003075
 R-PLACE1009670//Homo sapiens genethonin 1 mRNA, complete cds.//2.0e-61:310:97//AF062534
 R-PLACE1009708//Homo sapiens clone DJ0935K16, complete sequence.//2.8e-103:542:94//AC006011
 R-PLACE1009721//Human Cosmid g0771a222 from 7q31.3, complete sequence.//4.6e-85:518:88//AC000109
- 10 R-PLACE1009731//Homo sapiens DNA sequence from PAC 434O14 on chromosome 1q32.3.-41. Contains the HSD11B1 gene for Hydroxysteroid (11-beta) Dehydrogenase 1, the ADORA2BP adenosine A2b receptor LIKE pseudogene, the IRF6 gene for Interferon Regulatory Factor 6 and two novel genes. Contains ESTs and GSSs, complete sequence.//0.0033:215:65//AL022398
 R-PLACE1009763//Homo sapiens UBA3 (UBA3) mRNA, complete cds.//6.2e-116:598:95//AF046024
- 15 R-PLACE1009794
 R-nnnnnnnnnnn//Human DNA sequence from clone 1189B24 on chromosome Xq25-26.3. Contains NADH-Ubi-quinone Oxidoreductase MLRQ subunit (EC 1.6.5.3, EC 1.6.99.3, CI-MLRQ), Tubulin Beta and Proto-oncogene Tyrosine-protein Kinase FER (EC 2.7.1.112, P94-FER, C-FER, TYK3) pseudogenes, and part of a novel gene similar to hypothetical proteins S. pombe C22F3.14C and C. elegans C16A3.8. Contains ESTs, an STS and GSSs, complete sequence.//7.5e-88:191:96//AL030996
- 20 R-PLACE1009845//Homo sapiens DNA sequence from PAC 234H5 on chromosome 6q21. Contains an unknown gene, ESTs and STSs, complete sequence.//8.7e-19:226:69//Z98172
 R-PLACE1009879//Homo sapiens genomic DNA, 21q region, clone: 149C3A68, genomic survey sequence.//2.1e-29:230:76//AG002672
- 25 R-PLACE1009886//Homo sapiens PAC clone DJ0997N05 from 7q11.23-q21.1, complete sequence.//0.99:203:61//AC004945
 R-PLACE1009888//Homo sapiens chromosome 19, BAC CIT-B-393i15 (BC301323), complete sequence.//5.3e-91:577:88//AC006116
 R-nnnnnnnnnnn
- 30 R-PLACE1009921//Homo sapiens cosmid clone HDAB (1S149) insert DNA, complete cosmid.//4.7e-81:385:84//M63005
 R-PLACE1009924//HS_3151_B1_B10_MR CIT Approved Human Genomic Sperm Library D Homo sapiens genomic clone Plate=3151 Col=19 Row=D, genomic survey sequence.//5.5e-47:240:99//AQ167412
 R-PLACE1009925//CIT978SK-A-931F6.TV CIT978SK Homo sapiens genomic clone A-931F6, genomic survey sequence.//0.00010:159:68//B51673
- 35 R-PLACE1009935//Plasmodium falciparum 3D7 chromosome 12 PFYAC492 genomic sequence, WORKING DRAFT SEQUENCE, 5 unordered pieces.//0.081:238:65//AC005308
 R-PLACE1009947//Homo sapiens PAC clone 248015 from 13q12-q13, complete sequence.//1.0:353:58//AC002483
- 40 R-PLACE1009971//Homo sapiens full-length insert cDNA clone ZD38E12.//3.7e-11:152:75//AF086247
 R-PLACE1009992
 R-PLACE1009995//Plasmodium falciparum chromosome 2, section 4 of 73 of the complete sequence.//0.0019:305:61//AE001367
 R-PLACE1009997//Homo sapiens chromosome 10 clone CIT987SK-1175G20 map 10q25.2-10q25.3, complete sequence.//1.8e-43:462:76//AC005874
- 45 R-PLACE1010023//HS_3018_B1_H10_T7 CIT Approved Human Genomic Sperm Library D Homo sapiens genomic clone Plate=3018 Col=19 Row=P, genomic survey sequence.//0.00013:198:63//AQ093513
 R-PLACE1010031//Human DNA sequence from clone 30M3 on chromosome 6p22.1-22.3. Contains three novel genes, one similar to C. elegans Y63D3A.4 and one similar to (predicted) plant, worm, yeast and archaea bacterial genes, and the first exon of the KIAA0319 gene. Contains ESTs, GSSs and putative CpG islands, complete sequence.//7.4e-115:581:96//AL031775
- 50 R-PLACE1010053//M.musculus Spnr mRNA for RNA binding protein.//1.9e-05:136:74//X84692
 R-PLACE1010069//CIT-HSP-2328B12.TF CIT-HSP Homo sapiens genomic clone 2328B12, genomic survey sequence.//2.6e-60:324:94//AQ042094
- 55 R-PLACE1010074//Homo sapiens sorting nexin 2 (SNX2) mRNA, complete cds.//4.6e-87:543:88//AF065482
 R-PLACE1010076//*** SEQUENCING IN PROGRESS *** Homo sapiens chromosome 4, BAC clone C0473M13; HTGS phase 1, WORKING DRAFT SEQUENCE, 4 unordered pieces.//6.3e-08:489:58//AC005699
 R-PLACE1010083

2041

R-PLACE1010089//F19F22-Sp6 IGF Arabidopsis thaliana genomic clone F19F22, genomic survey sequence//0.14:400:59/B10583
R-PLACE1010096//R.norvegicus mRNA for 100 kDa protein//4.3e-91:562:87//X64411
R-PLACE1010102//Apis mellifera tRNA-Leu cytochrome oxidase II intergenic spacer region, mitochondrial sequence//1.5e-08:357:60//AF039556
R-PLACE1010105//Plasmodium falciparum chromosome 2, section 11 of 73 of the complete sequence//4.0e-09:510:59//AE001374
R-PLACE1010106//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 54B20, WORKING DRAFT SEQUENCE//1.4e-12:194:73//Z98304
R-PLACE1010134
R-PLACE1010148//HS_3128_A1_D09_MR CIT Approved Human Genomic Sperm Library D Homo sapiens genomic clone Plate=3128 Col=17 Row=G, genomic survey sequence//0.17:281:61//AQ140790
R-PLACE1010152//Mouse mRNA for arylhydrocarbon receptor, complete cds//3.1e-45:351:81//D38417
R-PLACE1010181//Homo sapiens clone DJ0914M06, WORKING DRAFT SEQUENCE, 1 unordered pieces//3.6e-06:207:66//AC004928
R-PLACE101019411HS_2232_B1_H10_MR CIT Approved Human Genomic Sperm Library D. Homo sapiens genomic clone Plate=2232 Col=19 Row=P, genomic survey sequence//2.4e-08:134:74//AQ185425
R-PLACE1010202//Human DNA sequence from clone 227L5 on chromosome Xp11.22-11.3. Contains a Keratin, Type 1 Cytoskeletal 18 (KRT18, CYK18, K18, CK18) pseudogene and an STS, complete sequence//0.00035:383:61//AL031585
R-PLACE1010231//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 287G14, WORKING DRAFT SEQUENCE//1.2e-95:519:94//AL033377
R-PLACE1010261
R-PLACE1010270//H.sapiens CpG island DNA genomic MseI fragment, clone 85a6, reverse read cpg85a61r1a.//0.068:171:63//Z63482
R-PLACE1010274//S.douglasii gene for cytochrome b//4.5e-07:276:63//X59280
R-PLACE1010293//Homo sapiens chromosome 2 PAC RPCI3-417E16 (Roswell Park Cancer Institute Human PAC library) complete sequence//4.7e-91:522:90//AC004464
R-PLACE1010321
R-PLACE1010324//Caenorhabditis elegans DNA *** SEQUENCING IN PROGRESS *** from clone Y38E10, WORKING DRAFT SEQUENCE//5.7e-08:484:57//AL021149
R-PLACE1010329//Homo sapiens Chromosome 22q11.2 Cosmid Clone 50d10 In IGLC Region, complete sequence//7.9e-35:328:79//AC000024
R-PLACE1010341//Homo sapiens clone DJ1125K23, WORKING DRAFT SEQUENCE, 21 unordered pieces//1.3e-31:418:66//AC004971
R-PLACE1010362
R-PLACE1010364//Mus cookii mitochondrion DNA fragment//0.23:162:64//M77098
R-PLACE1010383//Homo sapiens chromosome 17, clone hCIT.186_H_2, complete sequence//1.4e-105:543:95//AC004675
R-PLACE1010401//Human Chromosome 15q11-q13 PAC clone pDJ223c9 from the Prader-Willi/Angelman Syndrome region, complete sequence//0.00017:268:62//AC004137
R-PLACE1010481//Bos taurus C5-glucuronyl epimerase mRNA, partial cds//8.6e-79:556:83//AF003927
R-PLACE1010491//Homo sapiens Cre binding protein-like 2 mRNA, complete cds//7.3e-88:438:96//AF039081
R-PLACE1010492//HS_3169_B2_B04_T7 CIT Approved Human Genomic Sperm Library D Homo sapiens genomic clone Plate=3169 Col=8 Row=D, genomic survey sequence//0.98:171:63//AQ169892
R-PLACE1010522//WORKING DRAFT SEQUENCE, 6 unordered pieces//0.34:407:62//AC006082
R-aaaaaaaaaaaaaa
R-PLACE1010562//CITBI-E1-2503B16.TF CITBI-E1 Homo sapiens genomic clone 2503B16, genomic survey sequence//6.4e-17:152:84//AQ265929
R-PLACE1010579//Torulopsis glabrata mitochondrial gene for ribosomal protein var1//1.7e-05:271:65//X02893
R-PLACE1010580
R-PLACE1010599
R-PLACE1010616//Human BAC clone RG343P13 from 7q31, complete sequence//3.0e-13:151:75//AC002465
R-PLACE1010622//Arabidopsis thaliana BAC F1104//0.00031:366:60//AF096370
R-PLACE1010624//Homo sapiens chromosome 7q22 sequence, complete sequence//8.2e-34:322:79//AF053356
R-PLACE1010628//Homo sapiens clone DJ0647C14, WORKING DRAFT SEQUENCE, 21 unordered pieces//2.3e-97:515:94//AC004846

- R-PLACE1010629//HS_3003_A2_C08_MR CIT Approved Human Genomic Sperm Library D Homo sapiens genomic clone Plate=3003 Col=16 Row=E, genomic survey sequence.//5.6e-60:321:95//AQ130493
- R-PLACE1010630//Plasmodium falciparum chromosome 2, section 19 of 73 of the complete sequence.//0.051:372:59//AE001382
- 5 R-PLACE1010631//Homo sapiens mRNA for KIAA0530 protein, partial cds.//2.6e-92:497:93//AB011102
- R-PLACE1010661//CIT-HSP-2008K15.TR CIT-HSP Homo sapiens genomic clone 2008K15, genomic survey sequence.//5.7e-27:160:95//B57089
- R-PLACE1010662//Caenorhabditis elegans cosmid C12C8, complete sequence.//9.4e-09:151:73//Z81467
- 10 R-PLACE1010702//CIT-HSP-2314C3.TR CIT-HSP Homo sapiens genomic clone 2314C3, genomic survey sequence.//1.3e-90:459:96//AQ028536
- R-PLACE1010714//Saccharomyces douglasii mitochondrial tRNA-Ser and tRNA-Phe genes, partial sequence, and Var1p (var1) gene, mitochondrial gene encoding mitochondrial protein, complete cds.//5.3e-08:478:58//U49822
- 15 R-PLACE1010720//Homo sapiens chromosome-associated protein-C (hCAP-C) mRNA, partial cds.//3.8e-55:300:95//AF092564
- R-PLACE1010739//Human DNA sequence from clone 393P23 on chromosome Xq21.1-21.33. Contains GSSs, complete sequence.//3.4e-89:507:90//Z95400
- R-PLACE1010743
- 20 R-PLACE1010761//Homo sapiens chromosome 17, clone hRPK.294_J_22, complete sequence.//3.0e-103:511:97//AC005921
- R-PLACE1010771
- R-PLACE1010786
- R-PLACE1010800//Homo sapiens clone NH0084K19, WORKING DRAFT SEQUENCE, 30 unordered pieces.//1.8e-43:545:71//AC005682
- 25 R-PLACE1010802//Phoebeis agarithe large subunit ribosomal RNA gene, partial sequence; tRNA-Val gene, complete sequence; and small subunit ribosomal RNA gene, partial sequence, mitochondrial genes for mitochondrial RNAs.//1.9e-09:492:59//AF044862
- R-PLACE1010811//Homo sapiens Xp22 BAC GSHB-257G1 (Genome Systems BAC Library) complete sequence.//0.041:415:59//AC002524
- 30 R-PLACE1010833
- R-PLACE1010856//Plasmodium falciparum 3D7 chromosome 12 PFYAC812 genomic sequence, WORKING DRAFT SEQUENCE, 8 unordered pieces.//0.0022:512:55//AC004153
- R-PLACE1010857//Homo sapiens genomic DNA of 8p21.3-p22 anti-oncogene of hepatocellular colorectal and non-small cell lung cancer, segment 11/11//4.9e-85:507:90//AB020868
- 35 R-PLACE1010870//RPC111-59K21:TK RPC111 Homo sapiens genomic clone R-59K21, genomic survey sequence.//8.2e-85:422:97//AQ195697
- R-PLACE1010877//Homo sapiens mRNA for KIAA0610 protein, partial cds.//7.0e-100:501:96//AB011182
- R-PLACE1010891//Homo sapiens chromosome X, clone 592, WORKING DRAFT SEQUENCE, 8 unordered pieces.//0.10:162:61//AC002489
- 40 R-PLACE1010896//Plasmodium falciparum 3D7 chromosome 12 PFYAC181 genomic sequence, WORKING DRAFT SEQUENCE, 8 unordered pieces.//0.00032:409:59//AC005505
- R-PLACE1010900//Homo sapiens DNA, trinucleotide repeats region.//3.2e-07:180:71//AB018488
- R-PLACE1010916//Plasmodium falciparum DNA *** SEQUENCING IN PROGRESS *** from MAL4P1, WORKING DRAFT SEQUENCE.//0.041:205:60//AL034557
- 45 R-PLACE1010917
- R-PLACE1010925//HS_2027_B2_B09_T7 CIT Approved Human Genomic Sperm Library D Homo sapiens genomic clone Plate=2027 Col=18 Row=D, genomic survey sequence.//1.6e-46:404:77//AQ247031
- R-PLACE1010926//Homo sapiens mRNA for KIAA0554 protein, partial cds.//4.2e-65:402:89//AB011126
- R-nnnnnnnnnnnn//Homo sapiens intersectin short form mRNA, complete cds.//1.9e-80:441:93//AF064243
- 50 R-PLACE1010944
- R-PLACE1010947//D.discoideum rasG gene.//0.00044:181:65//Z11533
- R-PLACE1010954//Homo sapiens clone RG228D17, WORKING DRAFT SEQUENCE, 2 unordered pieces.//3.0e-51:518:74//AC005077
- 55 R-PLACE1010960//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 451B21, WORKING DRAFT SEQUENCE.//0.022:292:63//AL033522
- R-PLACE1010965//Human mariner1 transposase gene, complete consensus sequence.//1.0e-64:444:84//U52077
- R-PLACE1011026//Rickettsia prowazekii strain Madrid E, complete genome; segment 3/4.//0.59:345:61//

- AJ235272
R-PLACE1011032//Human DNA sequence from PAC 389A20 on chromosome X contains ESTs STS, CpG islands and polymorphic CA repeat.//0.62:82:75//Z93242
R-PLACE1011041//H.sapiens DNA sequence.//0.051:162:66//Z22248
- 5 R-NNNNNNNNNNNN//Homo sapiens mRNA for KIAA0581 protein, partial cds.//2.9e-100:563:91//AB011153
R-PLACE1011054//Human DNA sequence from PAC 46H23, BRCA2 gene region chromosome 13q12-13 contains Klotho, ESTs.//4.7e-29:280:73//Z84483
R-PLACE1011056//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 341D10, WORKING DRAFT SEQUENCE.//1.7e-39:288:84//Z97985
- 10 R-PLACE1011057//CIT-HSP-2014F10.TF CIT-HSP Homo sapiens genomic clone 2014F10, genomic survey sequence.//2.4e-60:370:90//B58896
R-PLACE1011090//Homo sapiens chromosome 4 clone B200N5 map 4q25, complete sequence.//0.12:489:59//AC005509
R-PLACE1011109//Homo sapiens chromosome Y, clone 486, O, 2, complete sequence.//8.4e-43:427:76//AC002531
- 15 R-PLACE1011114//Homo sapiens mRNA from HIV associated non-Hodgkin's lymphoma (clone hl1-14).//1.7e-29:179:94//Y16709
R-PLACE1011133//HS-1058-B1-H02-MF.abi CIT Human Genomic Sperm Library C Homo sapiens genomic clone Plate=CT 780 Col=3 Row=P, genomic survey sequence.//1.0:133:63//44006
R-PLACE1011143//H.sapiens CpG island DNA genomic MseI fragment, clone 127a4, forward read cpq127a4.ft1a.//1.0:127:67//Z56550
- 20 R-PLACE1011160//Homo sapiens HRIHFB2038 mRNA, partial cds.//2.4e-95:534:91//AB015333
R-PLACE1011165//Human Cosmid g5129s232 from 7q31.3, complete sequence.//0.47:355:58//AC003968
R-PLACE1011185//Homo sapiens clone DJ0038110, WORKING DRAFT SEQUENCE, 5 unordered pieces.//1.3e-26:403:70//AC004820
- 25 R-PLACE1011203//paramecium species 4.51er mt dna dimer: replication init. region, clone 1.//1.0e-10:379:60//K00908
R-PLACE1011219//HS_3036_B1_F08_MR CIT Approved Human Genomic Sperm Library D Homo sapiens genomic clone Plate=3036 Col=15 Row=L, genomic survey sequence.//2.6e-39:253:88//AQ104587
- 30 R-PLACE1011221//Homo sapiens T-cell receptor alpha delta locus from bases 250472 to 501670 (section 2 of 5) of the Complete Nucleotide Sequence.//0.32:279:60//AE000659
R-PLACE1011229//HS_3002_B1_E10_MR CIT Approved Human Genomic Sperm Library D Homo sapiens genomic clone Plate=3002 Col=19 Row=J, genomic survey sequence.//9.3e-31:317:74//AQ303626
R-PLACE1011263//Homo sapiens BAC clone GS166A23 from 7p21, complete sequence.//1.2e-109:571:94//AC005014
- 35 R-PLACE1011273//Saccharomyces douglasii mitochondrial cytochrome c oxidase subunit I (COXI) gene, complete cds.//0.00027:337:61//M97514
R-PLACE1011291
R-PLACE1011296//H.sapiens steroid reductase pseudogene.//4.2e-37:326:80//M68887
- 40 R-PLACE1011310//H.sapiens 5' flanking sequence of gene for corticotropin.//0.0017:416:60//X67661
R-PLACE1011325//Plasmodium falciparum chromosome 2, section 35 of 73 of the complete sequence.3.0e-10:511:59//AE001398
R-PLACE1011332//Homo sapiens chromosome 17, clone HCIT3L16, WORKING DRAFT SEQUENCE, 7 unordered pieces.//8.3e-06:250:64//AC002344
- 45 R-PLACE1011340//Human BAC clone RG341D10 from 7p15-p21, complete sequence.//0.67:290:58//AC002530
R-PLACE1011375//Mus musculus Kv3.4 gene, exon 4.//6.8e-23:190:86//AJ010310
R-PLACE1011399//Plasmodium falciparum 3D7 chromosome 12 PFYACB8-420 genomic sequence, WORKING DRAFT SEQUENCE, 14 unordered pieces.//0.22:359:60//AC005140
- 50 R-PLACE1011419//Human DNA sequence from cosmid U90B3, on chromosome Xp11, contains ESTs.//5.1e-32:282:81//Z74022
R-NNNNNNNNNNNN//Homo sapiens mRNA for KIAA0530 protein, partial cds.//1.5e-112:600:94//AB011102
R-PLACE1011452//Homo sapiens clone DJ0945F02, WORKING DRAFT SEQUENCE, 7 unordered pieces.//3.9e-77:303:85//AC006013
- 55 R-PLACE1011465
R-PLACE1011472//Homo sapiens mRNA for KIAA0712 protein, complete cds.//7.9e-103:515:96//AB018255
R-PLACE1011492//A-837A4.TP CIT978SK Homo sapiens genomic clone A-837A4, genomic survey sequence.//6.5e-37:234:82//B14085
R-PLACE1011503//Homo sapiens chromosome 17, clone hRPC.1171_I_10, complete sequence.//0.99:267:60//

- AC004687
 R-PLACE1011520//Homo sapiens clone DJ1119N05, complete sequence.//2.0e-116:591:96//AC004968
 R-PLACE1011563//Plasmodium falciparum 3D7 chromosome 12 PFYAC69 genomic sequence, WORKING
 DRAFT SEQUENCE, 4 unordered pieces.//1.2e-13:566:59//AC004688
 5 R-PLACE1011567//Plasmodium-falciparum MAL3P6, complete sequence.//0.62:358:61//Z98551
 R-PLACE1011576//Homo sapiens DNA from chromosome 19, BAC 33152, complete sequence.//8.7e-45:400:78//
 AC003973
 R-PLACE1011586//Homo sapiens chromosome 17, clone HRPC890E16, complete sequence.//2.2e-59:338:93//
 AC004477
 10 R-PLACE1011635//C.pasteurianum pfl gene and act gene.//0.71:288:60//X93463
 R-PLACE1011641//Mycoplasma genitalium random genomic clone sg11, partial cds.//0.023:232:60//U02205
 R-PLACE1011643//Homo sapiens chromosome 19, cosmid R33590, complete sequence.//1.4e-21:432:67//
 AC005620
 R-PLACE1011649//Homo sapiens clone 24432 mRNA sequence.//7.8e-72:414:91//AF070535
 15 R-PLACE1011650//Human PAC clone DJ327A19 from Xq25-q26, complete sequence.//5.1e-27:174:79//
 AC002477
 R-PLACE1011664//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone. 460D19, WORKING
 DRAFT SEQUENCE.//7.4e-05:238:65//AL031905
 R-PLACE1011675//CIT-HSP-2370M16.TR CIT-HSP Homo sapiens genomic clone 2370M16, genomic survey se-
 20 quence.//1.3e-27:233:81//AQ108283
 R-PLACE1011682//H.sapiens HLA-DMB gene.//2.3e-22:390:67//X76776
 R-PLACE1011719//Homo sapiens 12q24.2 BAC RPC111-360E11 (Roswell Park Cancer Institute Human BAC Li-
 brary) complete sequence.//3.1e-24:409:66//AC004806
 R-PLACE1011725//Homo sapiens unknown mRNA downregulated by induced differentiation with 13-cis retinoic
 25 acid.//0.13:143:65//AF026526
 R-PLACE1011729//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone Y738F9, WORKING
 DRAFT SEQUENCE.//1.1e-15:157:82//AL022345
 R-PLACE1011749//Homo sapiens clone RG315H11, WORKING DRAFT SEQUENCE, 5 unordered pieces.//1.5e-
 38:314:81//AC005089
 30 R-PLACE1011762//Homo sapiens BAC clone RG067E13 from 7q21, complete sequence.//1.9e-35:538:68//
 AC002383
 R-PLACE1011778//CIT-HSP-2326C17.TV CIT-HSP Homo sapiens genomic clone 2326C17, genomic survey se-
 quence.//2.8e-58:346:91//AQ028782
 R-PLACE1011783//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 229A8, WORKING
 35 DRAFT SEQUENCE.//4.6e-38:288:84//Z86090
 R-PLACE1011858//Human DNA sequence from clone 496N17 on chromosome 6p11.2-12.3 Contains EST, GSS,
 complete sequence.//4.1e-104:524:97//AL031321
 R-PLACE1011874//Homo Sapiens Chromosome X clone bWXD312, complete sequence.//2.1e-100:511:95//
 AC004478
 40 R-PLACE1011875
 R-PLACE1011891//Human lens membrane protein (mp19) gene, exon 11.//0.0011:195:64//L04193
 R-PLACE1011896//Homo sapiens DNA sequence from PAC 434014 on chromosome 1q32.3.-41. Contains the
 HSD11B1 gene for Hydroxysteroid (11-beta) Dehydrogenase 1, the ADORA2BP adenosine A2b receptor LIKE
 pseudogene, the IRF6 gene for Interferon Regulatory Factor 6 and two novel genes. Contains ESTs and GSSs,
 45 complete sequence.//0.010:110:74//AL022398
 R-PLACE1011922//Homo sapiens chromosome 21q22.3 PAC 171F15, complete sequence.//3.5e-10:152:74//
 AF042090
 R-PLACE1011923//Homo sapiens serum-inducible kinase mRNA, complete cds.//7.0e-98:546:92//AF059617
 R-PLACE1011962//CIT-HSP-2294L24.TF CIT-HSP Homo sapiens genomic clone 2294L24, genomic survey se-
 50 quence.//0.31:131:63//AQ006352
 R-PLACE1011964//Homo sapiens chromosome 17, clone HRPC987K16, complete sequence.//2.5e-08:393:63//
 AC002994
 R-PLACE1011982//Arabidopsis thaliana genomic DNA, chromosome 3, P1 clone: MDJ14, complete sequence.//
 9.6e-09:463:62//AB016889
 55 R-PLACE1011995//Human Down Syndrome region of chromosome 21, clone A12H1-2H4.//2.7e-39:294:82//
 U44738
 R-PLACE1012031//Homo sapiens mRNA for KIAA0713 protein, partial cds.//2.5e-104:540:95//AB018256
 R-PLACE2000003//Human PAC clone DJ404F18 from Xq23, complete sequence.//4.9e-10:439:63//AC004000

- R-PLACE2000007//Human fibroblast growth factor receptor 3 (FGFR3) gene, intron 3//1.0:151:66//L78722
R-PLACE2000011//Homo sapiens clone 614 unknown mRNA, complete sequence//1.5e-103:524:95//AF091080
R-PLACE2000015//Homo sapiens PAC clone DJ269005 from Xq23, complete sequence//0.94:372:57//AC005191
R-PLACE2000017//Homo sapiens chromosome 17, clone hCIT.162_E_12, complete sequence//3.0e-55:299:86//
5 AC006236
R-PLACE2000021//CIT-HSP-2343C18.TR CIT-HSP Homo sapiens genomic clone 2343C18, genomic survey se-
quence//4.5e-54:295:94//AQ058140
R-PLACE2000033//H.sapiens gene for mitochondrial ATP synthase c subunit (P1 form)//6.5e-38:298:82//X69907
R-PLACE2000034//Homo sapiens clone DJ0613C23, WORKING DRAFT SEQUENCE, 4 unordered pieces//5.3e-
10 34:200:79//AC005628
R-PLACE2000039//Homo sapiens BAC clone RG060N22 from 7q21, complete sequence//1.8e-49:274:89//
AC003083
R-PLACE2000047//CIT-HSP-2373C2.TR CIT-HSP Homo sapiens genomic clone 2373C2, genomic survey se-
quence//1.8e-48:389:79//AQ112243
15 R-PLACE2000050//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 1177I5, WORKING
DRAFT SEQUENCE//0.0027:95:76//AL022315
R-PLACE2000061//Homo sapiens mRNA for KIAA0575 protein, complete cds//2.9e-39:429:72//AB011147
R-PLACE2000062//Homo sapiens clone DJ0539M06, WORKING DRAFT SEQUENCE, 10 unordered pieces//
5.9e-40:310:84//AC004832
20 R-PLACE2000072//Homo sapiens ZNF202 beta (ZNF202) mRNA, complete cds//1.9e-109:550:95//AF027219
R-PLACE2000097//Homo sapiens chromosome 12p13.3 clone RPC11-189M20, WORKING DRAFT SE-
QUENCE, 39 unordered pieces//1.6e-106:553:95//AC005910
R-PLACE2000100//Human DNA sequence from clone 301K23 on chromosome 1p35.1-36.21. Contains the 5' part
of a novel gene similar to predicted yeast and worm genes. Contains ESTs and GSSs, complete sequence//1.8e-
25 38:285:84//AL031730
R-PLACE2000103//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 20208, WORKING
DRAFT SEQUENCE//4.3e-113:559:97//AL031848
R-PLACE2000111//Rat MLC1V gene encoding alkali myosin ventricle light chain, exon 1//0.00041:347:61//
X16325
30 R-PLACE2000115//Cervus elaphus MHC class II DRB pseudogene, intron 2 microsatellite//0.50:165:63//U63067
R-PLACE2000132
R-PLACE2000136//Plasmodium falciparum DNA *** SEQUENCING IN PROGRESS *** from contig 3-30, complete
sequence//0.0032:310:61//AL008974
R-PLACE2000140//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 11703, WORKING
35 DRAFT SEQUENCE//1.1e-111:566:96//AL020995
R-PLACE2000164
R-PLACE2000170//*** SEQUENCING IN PROGRESS *** Homo sapiens chromosome 4, BAC clone C0024K08;
HTGS phase 1, WORKING DRAFT SEQUENCE, 5 unordered pieces//3.9e-40:390:76//AC005598
R-PLACE2000172
40 R-PLACE2000176
R-PLACE2000187//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 268H5, WORKING
DRAFT SEQUENCE//8.7e-45:298:87//AL008718
R-PLACE2000216//Dog nonerythroid beta-spectrin mRNA, 3' end//5.6e-88:495:92//L02897
R-PLACE2000223
45 R-PLACE2000235//HS_3159_B1_B06_T7 CIT Approved Human Genomic Sperm Library D Homo sapiens ge-
nomic clone Plate=3159 Col=11 Row=D, genomic survey sequence//1.8e-88:454:96//AQ179271
R-PLACE2000246//Homo sapiens chromosome 3p clone RPC14-544D10, WORKING DRAFT SEQUENCE, 58
unordered pieces//9.1e-41:282:86//AC005902
R-PLACE2000264//Homo sapiens DNA sequence from PAC 95C20 on chromosome Xp11.3-11.4. Contains STSs
50 and the DXS7 locus with GT and GTG repeat polymorphisms, complete sequence//8.3e-35:305:80//Z97181
R-PLACE2000274//Human Chromosome 16 BAC clone CIT987SK-A-211C6, complete sequence//3.5e-18:325:
67//AC002394
R-PLACE2000302//Homo sapiens chromosome 17, clone HRPC1067M6, complete sequence//1.5e-39:287:85//
AC003043
55 R-PLACE2000305//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 16915, WORKING
DRAFT SEQUENCE//1.2e-43:295:85//Z93015
R-PLACE2000317//Human DNA sequence from clone 245G19 on chromosome Xp22.11-22.2 Contains serine-
threonine kinase (Txp3) gene, a pseudogene similar to ALPHA-1 PROTEIN ((CONNEXIN 43, CX43, GAP JUNC-

- TION 43 KD HEART PROTEIN)), and the 3' end of the RS1 (X-linked juvenile retinoschisis precursor protein) gene. Contains ESTs, STSs and GSSs, complete sequence.//4.0e-05:284:65//Z92542
 R-PLACE2000335//Homo sapiens clone DJ0755D09, WORKING DRAFT SEQUENCE, 3 unordered pieces.//1.5e-26:334:70//AC006147
- 5 R-PLACE2000342//Fugu rubripes cosmid 258N02 containing IGFII, TH, NAP2 genes.//4.0e-05:254:64//AL021880
 R-PLACE2000347//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 799N4, WORKING DRAFT SEQUENCE.//1.6e-82:504:88//AL022147
 R-PLACE2000359//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 40E16, WORKING DRAFT SEQUENCE.//2.0e-36:314:80//AL031963
- 10 R-PLACE2000366//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 796F18, WORKING DRAFT SEQUENCE.//2.0e-48:389:80//AL031291
 R-PLACE2000371
 R-PLACE2000373//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 324M8, WORKING DRAFT SEQUENCE.//0.61:231:61//AL008734
- 15 R-PLACE2000379//Homo sapiens clone DJ0892G19, complete sequence.//3.5e-11:287:67//AC004917
 R-PLACE2000394//Human DNA sequence from clone 465N24 on chromosome 1p35.1-36.13. Contains two novel genes, ESTs, GSSs and CpG islands, complete sequence.//6.8e-108:553:96//AL031432
 R-PLACE2000398//Homo sapiens clone RG074A24, WORKING DRAFT SEQUENCE, 25 unordered pieces.//2.9e-26:326:73//AC005059
- 20 R-PLACE2000399
 R-PLACE2000404//Homo sapiens chromosome 5, BAC clone 282B7 (LBNL H192), complete sequence.//6.5e-84:434:96//AC005216
 R-PLACE2000411//P.clarkii mRNA; repeat region (ID 2R).//0.47:104:70//Z54273
 R-PLACE2000419
- 25 R-PLACE2000425//Homo sapiens X-linked anhidrotic ectodermal dysplasia protein gene (EDA), exon 2 and flanking repeat regions.//1.9e-40:447:74//AF003528
 R-PLACE2000427
 R-PLACE2000433//Human Chromosome 15 pac pDJ24m8, complete sequence.//3.5e-40:286:85//AC000379
 R-PLACE2000435
- 30 R-PLACE2000438//Homo sapiens full-length insert cDNA clone ZE04D01.//2.2e-107:523:98//AF086521
 R-PLACE2000450 4.1e-42:328:79//AG006257
 R-PLACE2000455
 R-PLACE2000458//Homo sapiens chromosome 5p, BAC clone 50g21 (LBNL H154), complete sequence.//5.1e-116:570:97//AC005740
- 35 R-PLACE2000465//Human BAC clone RG191D16, complete sequence.//6.3e-37:408:75//AC002460
 R-PLACE2000477//M.musculus tex264 mRNA (3'region).//7.5e-06:117:76//X80427
 R-PLACE3000004
 R-PLACE3000029//Human DNA sequence from PAC 506G2 contains STSs and a CpG island.//5.8e-34:308:78//Z82976
- 40 R-PLACE3000059//Mus musculus mRNA for ubiquitin conjugating enzyme.//1.1e-36:273:87//Y17267
 R-PLACE3000070//Homo sapiens chromosome 5, PAC clone 17e19 (LBNL H148), complete sequence.//2.3e-10:181:71//AC004648
 R-PLACE3000103//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 30A23, WORKING DRAFT SEQUENCE.//1.2e-48:495:74//AL022156
- 45 R-PLACE3000119//Homo sapiens Chromosome 22q12 BAC Clone 58b8 In Meningioma Deletion Region, complete sequence.//3.4e-39:283:85//AC000026
 R-PLACE3000124//Homo sapiens chromosome 5, P1 clone 793c5 (LBNL H57), complete sequence.//9.2e-23:171:76//AC005200
 R-PLACE3000136//U.arctos microsatellite DNA, clone UarMU23.//0.00052:171:65//Y09645
- 50 R-PLACE3000142//HS_3037_82_B02_MR CIT Approved Human Genomic Sperm Library D Homo sapiens genomic clone Plate=3037 Col=4 Row=D, genomic survey sequence.//0.88:121:66//AQ097023
 R-PLACE3000147//Mus musculus DNA for ADAMTS-1, complete cds.//3.3e-23:472:66//AB001735
 R-PLACE3000148//Human DNA from cosmid L27h9, Huntington's Disease Region, chromosome 4p16.3 contains CpG island.//3.5e-11:176:73//Z49237
- 55 R-PLACE3000155//Homo sapiens chromosome 17, clone hRPK.597_M_12, complete sequence.//6.9e-106:549:94//AC005277
 R-PLACE3000156//Homo sapiens BAC clone RG067E13 from 7q21, complete sequence.//7.0e-38:545:70//AC002383

R-PLACE3000157
 R-PLACE3000158//, complete sequence//1.4e-33:283:81//AC005500
 R-PLACE3000160
 R-PLACE3000169//Homo sapiens chromosome 19, BAC CIT-B-191n6, complete sequence//5.2e-43:229:85//
 5 AC006130
 R-PLACE3000194
 R-PLACE3000197//Homo sapiens chromosome 17, clone hRPK.401_O_9, complete sequence//7.2e-61:394:89//
 AC005291
 R-PLACE3000199//Homo sapiens Xq28 genomic DNA in the region of the L1CAM locus containing the genes for
 10 neural cell adhesion molecule L1 (L1CAM), arginine-vasopressin receptor (AVPR2), C1 p115 (C1), ARD1 N-
 acetyltransferase related protein (TE2), renin-binding protein (RbP), host cell factor 1 (HCF1), and interleukin-1
 receptor-associated kinase (IRAK) genes, complete cds, and Xq281u2 gene//0.23:309:57//U52112 R-
 PLACE3000207//CIT-HSP-384B14.TR CIT-HSP Homo sapiens genomic clone 384B14, genomic survey se-
 quence//1.1e-15:156:81//B54637
 15 R-PLACE3000208//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 591N18, WORKING
 DRAFT SEQUENCE//1.3e-16:139:87//AL031594
 R-PLACE3000218//HS_3185_B1_B01_T7 CIT Approved Human Genomic Sperm Library D Homo sapiens ge-
 nomic clone Plate=3185 Col=1 Row=D, genomic survey sequence//3.5e-07:120:75//AQ155720
 R-PLACE3000220//Homo sapiens chromosome 17, clone HRPC1096F1, complete sequence//2.4e-44:363:80//
 20 AC004167
 R-PLACE3000226//Caenorhabditis elegans cosmid M01G5//0.88:95:77//AF078786
 R-PLACE3000230//Homo sapiens ccr2b (ccr2), ccr2a (ccr2), ccr5 (ccr5) and ccr6 (ccr6) genes, complete cds, and
 lactoferrin (lactoferrin) gene, partial cds, complete sequence//5.3e-69:536:81//U95626
 R-PLACE3000242//Sequence 1 from patent US 5599918//3.2e-62:546:78//I35489
 25 R-PLACE3000244//M.musculus mRNA for 200 kD protein//1.7e-45:404:75//X80169
 R-PLACE3000254//Human mRNA for KIAA0309 gene, partial cds//7.5e-28:174:94//AB002307
 R-PLACE3000271//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 423B22, WORKING
 DRAFT SEQUENCE//3.9e-54:492:77//AL034379
 R-PLACE3000276//Homo sapiens PAC clone DJ0320J15 from Xq23, complete sequence//5.4e-12:176:69//
 30 AC004081
 R-PLACE3000304//Homo sapiens chromosome 19, cosmid R26660, complete sequence//5.7e-114:555:97//
 AC005328
 R-PLACE3000310//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 467L1, WORKING
 DRAFT SEQUENCE//6.2e-51:314:84//Z98884
 35 R-PLACE3000320//Homo sapiens elastin gene, exons 5-27 and alternatively spliced products, partial cds//2.5e-
 44:289:90//U93037
 R-PLACE3000322//Human argininosuccinate lyase (ASL) gene, exon 3//5.9e-20:153:88//M21006
 R-PLACE3000331//Homo sapiens clone DJ0592G07, WORKING DRAFT SEQUENCE, 3 unordered pieces//
 1.1e-43:230:84//AC005480
 40 R-PLACE3000339
 R-PLACE3000341//Homo sapiens 3p22 Contig 7 PAC RPC14-672N11 (Roswell Park Cancer Institute Human PAC
 Library) complete sequence//2.5e-111:550:97//AC006055
 R-PLACE3000350//Human DNA sequence from clone 243E7 on chromosome 22q12.1. Contains ESTs, STSs and
 GSSs, complete sequence//1.5e-44:314:78//AL022323
 45 R-PLACE3000352//HS_3095_B1_E09_MR CIT Approved Human Genomic Sperm Library D Homo sapiens ge-
 nomic clone Plate=3095 Col=17 Row=J, genomic survey sequence//8.5e-73:356:99//AQ123142
 R-PLACE3000353//Caenorhabditis elegans DNA *** SEQUENCING IN PROGRESS *** from clone Y22F5,
 WORKING DRAFT SEQUENCE//0.21:194:63//Z99712
 R-PLACE3000362//Plasmodium falciparum coronin gene, isolate 3D7//0.26:360:60//AJ002197
 50 R-PLACE3000363
 R-PLACE3000365//Human BAC clone RG343P13 from 7q31, complete sequence//4.6e-52:487:76//AC002465
 R-PLACE3000373//HS_3202_B1_G05_T7 CIT Approved Human Genomic Sperm Library D Homo sapiens ge-
 nomic clone Plate=3202 Col=9 Row=N, genomic survey sequence//2.4e-75:437:90//AQ252699
 R-PLACE3000388//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 732E4, WORKING
 55 DRAFT SEQUENCE//6.4e-61:515:81//AL008722
 R-PLACE3000399//Homo sapiens clone DJ1186P10, WORKING DRAFT SEQUENCE, 6 unordered pieces//
 0.00098:444:60//AC005231
 R-PLACE3000400//Plasmodium falciparum 3D7 chromosome 12 PFYAC357 genomic sequence, WORKING

DRAFT SEQUENCE, 7 unordered pieces.//0.78:155:66//AC005506
 R-PLACE3000401//Homo sapiens clone DJ1147A01, WORKING DRAFT SEQUENCE, 25 unordered pieces.//
 8.0e-47:223:81//AC006023
 R-PLACE3000402//Homo sapiens chromosome 17, clone 104H12, complete sequence.//1.0:179:63//AC000003
 5 R-PLACE3000405//Homo sapiens chromosome 7qtelo BAC F6, complete sequence.//2.4e-44:466:74//AF104455
 R-PLACE3000406//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 268H5, WORKING
 DRAFT SEQUENCE.//7.7e-49:471:75//AL008718
 R-PLACE3000413
 R-PLACE3000416//Homo sapiens *** SEQUENCING IN PROGRESS *** from PAC 1577, WORKING DRAFT SE-
 10 QUENCE.//5.4e-42:416:77//AJ009612
 R-PLACE3000425//Human DNA sequence from PAC 130G2 on chromosome 6p22.2-22.3. Contains ribosomal
 protein L29 pseudogene, ESTs and STSs.//1.1e-41:366:78//AL008627
 R-PLACE3000455//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 469D22, WORKING
 DRAFT SEQUENCE.//3.8e-98:549:92//AL031284
 15 R-PLACE3000475//Human signal transducing adaptor molecule STAM mRNA, complete cds.//1.9e-82:440:92//
 U43899
 R-PLACE3000477
 R-PLACE4000009//R.norvegicus mRNA encoding 45kDa protein which binds to heyman nephritis antigen
 gp330.//6.6e-17:344:68//Z11995
 20 R-PLACE4000014//Homo sapiens mRNA for KIAA0809 protein, partial cds.//2.7e-83:433:95//AB018352
 R-PLACE4000034//cSRL-51C5-u cSRL flow sorted Chromosome 11 specific cosmid Homo sapiens genomic clone
 cSRL-51C5, genomic survey sequence.//0.54:116:66//B04984
 R-PLACE4000049//Human BAC clone GS165I04 from 7q21, complete sequence.//0.29:313:59//AC002379
 R-PLACE4000052//Plasmodium falciparum DNA *** SEQUENCING IN PROGRESS *** from MAL4P1, WORKING
 25 DRAFT SEQUENCE.//0.0058:466:57//AL034557
 R-PLACE4000063//Homo sapiens chromosome 7q22 sequence, complete sequence.//0.98:246:61//AF053356
 R-PLACE4000089//RPCI11-15I1.TUB RPCI-11 Homo sapiens genomic clone RPCI-11-15I1, genomic survey se-
 quence.//3.2e-07:284:60//B82414
 R-PLACE4000093//Plasmodium falciparum 3D7 chromosome 12 PFYAC357 genomic sequence, WORKING
 30 DRAFT SEQUENCE, 7 unordered pieces.//2.4e-07:429:60//AC005506
 R-PLACE4000100
 R-PLACE4000106//Homo sapiens clone 24561 unknown mRNA, partial cds.//9.3e-100:419:91//AF055010
 R-PLACE4000128//Human Chromosome 16 BAC clone CIT987SK-A-61E3, complete sequence.//9.6e-45:284:
 90//AC003007
 35 R-PLACE4000129//Homo sapiens mRNA, chromosome 1 specific transcript KIAA0500.//1.6e-19:118:100//
 AB007969
 R-PLACE4000147//Homo sapiens BAC clone NH0342K06 from 2, complete sequence.//8.9e-17:208:73//
 AC005034
 R-PLACE4000156//Homo sapiens DNA sequence from PAC 352A20 on chromosome 6q24.1-25.1. Contains a
 40 pseudogene similar to yeast, bacterial, worm and slime mold hypothetical genes, and a gene coding for an aldehyde
 dehydrogenase family protein. Contains ESTs, STSs and GSSs, complete sequence.//3.7e-43:281:90//AL021939
 R-PLACE4000192
 R-PLACE4000222//Homo sapiens clone DJ1129J21, WORKING DRAFT SEQUENCE, 25 unordered pieces.//
 5.4e-44:280:82//AC005631
 45 R-PLACE4000233//Homo sapiens full-length insert cDNA YH59G06.//1.8e-79:414:97//AF074981
 R-PLACE4000247//Homo sapiens chromosome 17, clone hRPK.156_L_14, complete sequence.//5.7e-59:558:
 76//AC005821
 R-PLACE4000250//CIT-HSP-2335L20.TR CIT-HSP Homo sapiens genomic clone 2335L20, genomic survey se-
 quence.//1.7e-44:313:84//AQ037381
 50 R-PLACE4000252//Homo sapiens chromosome 17, clone hRPK.700_H_6, complete sequence.//1.5e-39:311:83//
 AC005920
 R-PLACE4000261//H.sapiens BF1P-g1H03np gene for immunoglobulin heavy chain variable region.//0.33:197:
 61//Z80410
 R-PLACE4000269//Homo sapiens chromosome 4 clone B368A9 map 4q25, complete sequence.//1.4e-31:327:
 68//AC005510
 55 R-PLACE4000270//Homo sapiens DNA for amyloid precursor protein, complete cds.//2.3e-32:345:74//D87675
 R-PLACE4000300//Sequence 61 from patent US 5744300.//0.0017:51:98//AR003339
 R-PLACE4000320//Human DNA sequence from clone 441J1 on chromosome 6p24 Contains STS, GSS, complete

sequence.//8.2e-41:295:85//Z99495
 R-PLACE4000323//Human chromosome 11 187a8 cosmid, complete sequence.//1.3e-32:404:75//U73640
 R-PLACE4000326
 R-PLACE4000344//Homo sapiens PAC clone DJ0988G15 from 7q33-q35, complete sequence.//0.32:135:68//
 5 AC005587
 R-PLACE4000367//H.sapiens gene encoding RING finger protein.//0.61:146:67//Y07829
 R-PLACE4000369//HS_3181_A1_B02_MR CIT Approved Human Genomic Sperm Library D Homo sapiens ge-
 nomic clone Plate=3181 Col=3 Row=C, genomic survey sequence.//7.1e-80:424:94//AQ173222
 R-PLACE4000379//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 1104E15, WORKING
 10 DRAFT SEQUENCE.//1.7e-05:160:65//AL022312
 R-PLACE4000387//Homo sapiens clone DJ0876A24, WORKING DRAFT SEQUENCE, 6 unordered pieces.//2.4e-
 47:351:81//AC004913
 R-PLACE4000392//Human DNA sequence from clone 751H9 on chromosome 6q13. Contains part of an unknown
 gene, ESTs, STSs and GSSs, complete sequence.//8.5e-88:541:88//AL034377
 15 R-PLACE4000401//Human Chromosome 11 overlapping pacs pDJ235k10 and pDJ239b22, WORKING DRAFT
 SEQUENCE, 17 unordered pieces.//2.7e-17:143:83//AC000406
 R-PLACE4000411
 R-PLACE4000445//Homo sapiens clone DJ0613C23, WORKING DRAFT SEQUENCE, 4 unordered pieces.//
 0.028:91:78//AC005628
 20 R-PLACE4000465//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 30A23, WORKING
 DRAFT SEQUENCE.//1.6e-43:532:71//AL022156
 R-PLACE4000489//Plasmodium falciparum chromosome 2, section 64 of 73 of the complete sequence.//4.1e-06:
 357:61//AE001427
 R-PLACE4000494//Homo sapiens 12p13.3 PAC RPCI5-1063M23 (Roswell Park Cancer Institute Human PAC
 25 Library) complete sequence.//2.7e-37:416:74//AC005865
 R-PLACE4000522
 R-PLACE4000548//Homo sapiens 12p13.3 PAC RPCI5-1096D14 (Roswell Park Cancer Institute Human PAC Li-
 brary) complete sequence.//0.0020:383:60//AC005342
 R-PLACE4000558//Homo sapiens 12q24 BAC RPCI11-162P23 (Roswell Park Cancer Institute Human BAC li-
 30 brary) complete sequence.//2.9e-44:465:75//AC002996
 R-THYRO1000026//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 37E16, WORKING
 DRAFT SEQUENCE.//2.2e-43:354:82//Z83844
 R-THYRO1000034//Plasmodium falciparum chromosome 2, section 59 of 73 of the complete sequence.//0.022:
 327:60//AE001422
 35 R-THYRO1000035//HS_3018_B2_F10_T7 CIT Approved Human Genomic Sperm Library D Homo sapiens ge-
 nomic clone Plate=3018 Col=20 Row=L, genomic survey sequence.//2.3e-36:228:91//AQ092318
 R-THYRO1000040//Plasmodium falciparum 3D7 chromosome 12 PFYAC293 genomic sequence, WORKING
 DRAFT SEQUENCE, 9 unordered pieces.//1.0:367:56//AC004157
 R-THYRO1000070//***ALU WARNING: Human Alu-Sq subfamily consensus sequence.1/1e-44:284:89//U14573
 40 R-THYRO1000072//***ALU WARNING: Human Alu-J subfamily consensus sequence.//6.6e-33:150:83//U14567
 R-THYRO1000085
 R-THYRO1000092//Homo sapiens chromosome 7qtel0 BAC F6, complete sequence.//3.3e-36:301:78//AF104455
 R-THYRO1000107//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 125I3, WORKING
 DRAFT SEQUENCE.//1.4e-35:282:82//AL033528
 45 R-THYRO1000111//Homo sapiens Chromosome 16 BAC clone CIT987SK-A-279B10, complete sequence.//4.0e-
 32:351:65//AC002300
 R-THYRO1000121//Human chromosome 16 BAC clone CIT987SK-A-962B4, complete sequence.//6.6e-77:507:
 85//U91318
 R-THYRO1000124//High throughput sequencing of human chromosome 12, WORKING DRAFT SEQUENCE, 1
 50 ordered pieces.//0.66:334:59//AC005840
 R-THYRO1000129//Homo sapiens TED protein (TED) mRNA, complete cds.//2.3e-88:449:96//AF087142
 R-THYRO1000132//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 212A2, WORKING
 DRAFT SEQUENCE.//1.1e-40:298:84//Z95114
 R-THYRO1000156//Homo sapiens chromosome 17, clone hRPK.849_N_15, complete sequence.//3.4e-37:425:
 55 73//AC005703
 R-THYRO1000163//RPCI11-1B20.TVB RPCI-11 Homo sapiens genomic clone RPCI-11-1B20, genomic survey
 sequence.//8.4e-38:276:84//B63536
 R-THYRO1000173//Human DNA sequence from PAC 323B6 on chromosome X contains ESTs CpG island.//1.1e-

- 70:553:81//Z83841
 R-THYRO1000186//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 41018, WORKING DRAFT SEQUENCE.//6.7e-41:345:81//AL031732
 R-THYRO1000187//Human thymopoietin (TMPO) gene, partial exon 6, complete exon 7, partial exon 8, and partial cds for thymopoietin beta.//1.3e-43:356:80//U18271
 5 R-THYRO1000190//Homo sapiens chromosome 17, clone HRPC843B9, complete sequence.//2.6e-40:386:77//AC004139
 R-THYRO1000197//Homo sapiens mRNA for poly(A)-specific ribonuclease.//1.1e-108:535:97//AJ005698
 R-THYRO1000199//Homo sapiens mRNA for KIAA0652 protein, complete cds.//1.4e-113:559:97//AB014552
 10 R-THYRO1000206//Rat PMSG-induced ovarian mRNA, 3' sequence, N4.//4.0e-43:318:86//D84482
 R-THYRO1000221//Human DNA from overlapping chromosome 19 cosmid R31396, F25451, and R31076 containing COX6B and UPKA, genomic sequence, complete sequence.//2.7e-44:452:76//AC002115
 R-THYRO1000241//Homo sapiens Cosmid Clone p129d11 unknown chromosomal location, complete sequence.//4.8e-58:447:81//AC000039
 15 R-THYRO 1000242
 R-THYRO1000253//Homo sapiens DNA sequence from PAC 179N16 on chromosome 6p21.1-21.33. Contains the SAPK4 (MAPK p38delta) gene, and the alternatively spliced SAPK2 gene coding for CSaids binding protein CSBP2 and a MAPK p38beta LIKE protein. Contains ESTs, STSs and two predicted CpG islands, complete sequence.//3.4e-56:300:84//Z95152
 20 R-THYRO1000270
 R-THYRO1000279//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 531H16, WORKING DRAFT SEQUENCE.//4.8e-113:584:96//AL031664
 R-THYRO1000288//Homo sapiens mRNA for Hs Ste24p, complete cds.//1.1e-98:566:91//AB016068
 R-THYRO1000320//HS_2033_B1_A07_T7 CIT Approved Human Genomic Sperm Library D Homo sapiens genomic clone Plate=2033 Col=13 Row=B, genomic survey sequence.//0.97:211:63//AQ233366
 25 R-THYRO1000327//Sequence 1 from patent US 5541298.//2.8e-52:289:93//I24058
 R-THYRO1000343//Homo sapiens mRNA for KIAA0790 protein, partial cds.//1.1e-111:559:96//AB018333
 R-THYRO1000358//Human selenium-binding protein (hSBP) mRNA, complete cds.//4.6e-47:317:87//U29091
 R-THYRO1000368//HS_3049_A1_E12_MF CIT Approved Human Genomic Sperm Library D Homo sapiens genomic clone Plate=3049 Col=23 Row=I, genomic survey sequence.//7.0e-11:111:83//AQ126777
 30 R-nnnnnnnnnnnnn
 R-THYRO1000387//Homo sapiens PAC clone DJ1048B16 from 7q34-q36, complete sequence.//2.4e-101:545:93//AC006019
 R-THYRO1000394//Homo sapiens Chromosome 11q12.2 PAC clone pDJ688p12 containing uteroglobin gene, WORKING DRAFT SEQUENCE, 11 unordered pieces.//1.6e-46:233:88//AC006078
 35 R-THYRO1000395//Mouse MIPP mRNA for a placenta-expressed gene.//2.3e-57:395:85//X58523
 R-THYRO 1000401
 3.3e-111:546:97//AF051907
 R-THYRO1000438//Homo sapiens clone DJ1186P10, WORKING DRAFT SEQUENCE, 6 unordered pieces.//2.7e-44:289:89//AC005231
 40 R-THYRO1000452//Homo sapiens chromosome 17, clone hRPK.243_K_12, complete sequence.//6.7e-27:222:82//AC005668
 R-THYRO1000471//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 102D24, WORKING DRAFT SEQUENCE.//2.4e-36:369:76//AL021391
 45 R-THYRO1000484//Homo sapiens clone DJ1099N07, complete sequence.//1.6e-43:288:81//AC004962
 R-THYRO1000488//Homo sapiens chromosome 5p, BAC clone 50g21 (LBNL H154), complete sequence.//1.6e-95:512:94//AC005740
 R-THYRO1000501//HS_2208_A1_G11_T7 CIT Approved Human Genomic Sperm Library D Homo sapiens genomic clone Plate=2208 Col=21 Row=M, genomic survey sequence.//0.0063:189:63//AQ091586
 50 R-THYRO1000502//Homo sapiens eIF-1A, Y isoform (EIF1AY) mRNA, complete cds.//0.19:468:60//AF000987
 R-THYRO1000505//Homo sapiens chromosome 19, cosmid R31546, complete sequence.//0.20:214:58//AC004798
 R-THYRO1000558
 R-THYRO 1000569
 55 R-THYRO1000570//Homo sapiens full-length insert cDNA clone ZD76G10.//4.3e-41:209:100//AF086408
 R-nmmmmnnnn//Homo sapiens protein associated with Myc mRNA, complete cds.//8.2e-107:533:97//AF075587
 R-THYRO 000596//Mus musculus mitochondrial DNA polymerase accessory subunit (MtPolB) mRNA, nuclear gene encoding mitochondrial protein, partial cds.//0.36:170:67//AF006072

- R-THYRO1000602//Homo sapiens DNA for amyloid precursor protein, complete cds.//2.2e-53:289:92//D87675
R-THYRO 1000605
R-THYRO1000625//Homo sapiens chromosome 19, cosmid R29425, complete sequence.//1.3e-31:261:82//AC005546
- 5 R-THYRO1000637//Human DNA sequence from clone 243E7 on chromosome 22q12.1. Contains ESTs, STSs and GSSs, complete sequence.//4.0e-06:249:63//AL022323
R-THYRO1000641//P.falciparum glutamic acid-rich protein gnen, complete cds.//3.1e-08:244:68//J03998
R-THYRO1000658//***ALU WARNING: Human Alu-Sp subfamily consensus sequence.//3.9e-49:282:93//U14572
R-nnnnnnnnnnnnn
- 10 R-THYRO1000666//Homo sapiens DNA sequence from PAC 329E20 on chromosome 1p34.4-36.13. Contains endothelin-converting-enzyme 1 (ECE-1), EST, STS, CA repeat, complete sequence.//1.9e-20:215:77//AL031005
R-THYRO1000676//Homo sapiens chromosome 4 clone B71M12 map 4q25, complete sequence.//1.2e-06:227:64//AC004069
R-THYRO1000684
R-THYRO1000699
- 15 R-THYRO1000712
R-THYRO1000734//Human BAC clone RG191D16, complete sequence.//3.7e-14:468:64//AC002460
R-THYRO1000748//Homo sapiens cosmid 123E15, complete sequence.//2.6e-11:182:73//AF024533
R-THYRO1000756//Sequence 21 from patent US 5552281.//1.4e-15:106:98//I25660
- 20 R-THYRO1000777//Plasmodium falciparum MAL3P2, complete sequence.//1.0:175:66//AL034558
R-THYRO1000783//CIT-HSP-2335P6.TF CIT-HSP Homo sapiens genomic clone 2335P6, genomic survey sequence.//1.2e-81:391:99//AQ038226
R-THYRO1000787//Homo sapiens chromosome Y, clone 264.M.20, complete sequence.//9.4e-07:494:58//AC004617
- 25 R-THYRO1000793
R-THYRO1000796//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 167P19, WORKING DRAFT SEQUENCE.//1.7e-42:379:79//Z93014
R-THYRO1000805//Human Chromosome 11 pac pDJ610i20, WORKING DRAFT SEQUENCE, 18 unordered pieces.//4.7e-40:362:76//AC002555
- 30 R-THYRO1000815//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 316D5, WORKING DRAFT SEQUENCE.//4.0e-58:295:92//Z82199
R-THYRO1000829//Sequence 7 from patent US 5716622.//0.97:362:61//I87788
R-THYRO1000843//Homo sapiens Chromosome 15q11-q13 PAC clone pDJ351h23 from the Prader-Willi/Angelman Syndrome region, complete sequence.//3.3e-57:522:76//AC004738
- 35 R-THYRO1000852//Homo sapiens chromosome 11 clone CIT-HSP-1337H24, WORKING DRAFT SEQUENCE, 9 unordered pieces.//4.2e-17:291:69//AC005849
R-THYRO1000855//Human DNA sequence from clone 366B10 on chromosome 22q12.2-12.3. Contains GSSs, complete sequence.//1.1e-41:419:75//AL031592
R-THYRO1000865//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 1125A11, WORKING DRAFT SEQUENCE.//9.0e-47:294:84//AL034549
- 40 R-THYRO1000895//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 380F5, WORKING DRAFT SEQUENCE.//3.7e-111:569:96//AL031719
R-THYRO1000916//Homo sapiens clone DJ0965K10, WORKING DRAFT SEQUENCE, 6 unordered pieces.//1.0e-97:554:92//AC006015
- 45 R-THYRO1000926//Homo sapiens CAMP-specific phosphodiesterase 8B (PDE8B) mRNA, partial cds.//9.6e-109:566:94//AF079529
R-THYRO1000934//Homo sapiens full-length insert cDNA clone ZD69A10.//1.6e-104:539:95//AF086378
R-THYRO1000951//Homo sapiens Chromosome 11q12 pac pDJ571i4, WORKING DRAFT SEQUENCE, 29 unordered pieces.//8.9e-61:479:81//AC004229
- 50 R-THYRO1000952//Human autoimmune thyroid disease-related antigen mRNA.//5.3e-16:116:93//M28639
R-THYRO1000974//Homo sapiens ribosomal protein L33-like protein mRNA, complete cds.//3.2e-59:321:95//AF047440
R-THYRO1000975//Homo sapiens chromosome 19, cosmid F18718, complete sequence.//1.9e-44:396:79//AC006126
- 55 R-THYRO1000983//Homo sapiens chromosome 17, clone hRPK.271_K_11, complete sequence.//0.99:71:78//AC005562
R-THYRO1000984//Homo sapiens Chromosome 11q12.2 PAC clone pDJ688p12 containing uteroglobin gene, WORKING DRAFT SEQUENCE, 11 unordered pieces.//6.7e-42:320:84//AC006078

- R-THYRO1000988//Homo sapiens DNA sequence from PAC 230G1 on chromosome Xp11.3. Contains EST, STS and GSS, complete sequence//6.7e-39:292:78//Z84466
- R-THYRO1001003//HS_3051_B1_H01_MR CIT Approved Human Genomic Sperm Library D Homo sapiens genomic clone Plate=3051 Col=1 Row=P, genomic survey sequence//2.5e-39:310:83//AQ253727
- 5 R-THYRO1001031//Homo sapiens DNA sequence from PAC 230G1 on chromosome Xp11.3. Contains EST, STS and GSS, complete sequence//2.5e-50:300:88//Z84466
- R-THYRO1001033//CIT-HSP-2007J14.TF CIT-HSP Homo sapiens genomic clone 2007J14, genomic survey sequence//5.1e-26:143:100//B56677
- 10 R-THYRO1001062//CIT-HSP-2386P3.TF.1 CIT-HSP Homo sapiens genomic clone 2386P3, genomic survey sequence//1.4e-48:316:87//AQ239882
- R-THYRO1001093
- R-THYRO1001100//Homo sapiens BAC clone RG152G17 from 7q22-q31.1, complete sequence//0.47:102:73//AC005070
- R-THYRO1001120
- 15 R-THYRO1001121//Homo sapiens mRNA for beta-tubulin folding cofactor D//8.9e-81:429:94//AJ006417
- R-THYRO1001133//CIT-HSP-2381I10.TR CIT-HSP Homo sapiens genomic clone 2381I10, genomic survey sequence//4.7e-12:237:67//AQ111077
- R-THYRO1001134
- 20 R-THYRO1001142//H.sapiens CpG island DNA genomic MseI fragment, clone 81d1, reverse read cpg81d1.rt1a//0.95:214:60//Z56037
- R-THYRO1001173//cSRL-27c11-u cSRL flow sorted Chromosome 11 specific cosmid Homo sapiens genomic clone cSRL-27c11, genomic survey sequence//4.6e-26:262:77//B04145
- R-THYRO1001177
- 25 R-THYRO1001189//Homo sapiens DNA from chromosome 19, BAC 33152, complete sequence//1.0e-41:281:87//AC003973
- R-THYRO 1001204
- R-THYRO1001213//Human Alu repeat sequence A6//3.8e-38:236:88//U12581
- R-THYRO1001262//Homo sapiens, clone hRPK.16_A_1, complete sequence//8.7e-53:442:79//AC006227
- 30 R-THYRO1001271//*** SEQUENCING IN PROGRESS *** Homo sapiens chromosome 4, BAC clone C0224P12; HTGS phase 1, WORKING DRAFT SEQUENCE, 13 unordered pieces//0.53:330:61//AC004630
- R-THYRO 1001290
- R-THYRO1001313//H.sapiens CpG island DNA genomic MseI fragment, clone 195h3, forward read cpg195h3.ft1b//0.046:126:66//Z57783
- 35 R-THYRO1001320//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 424J12, WORKING DRAFT SEQUENCE//3.0e-58:476:80//Z82207
- R-THYRO100132//Plasmodium falciparum MAL3P2, complete sequence//1.0e-08:408:62//AL034558
- R-nnnnnnnnnnnnn
- R-THYRO1001347//Homo sapiens mRNA for KIAA0745 protein, partial cds//3.2e-08:266:64//AB018288
- 40 R-THYRO1001363//cSRL-72f5-u cSRL flow sorted Chromosome 11 specific cosmid Homo sapiens genomic clone cSRL-72f5, genomic survey sequence//1.7e-85:471:92//B05884
- R-THYRO1001365//Homo sapiens chromosome 10 clone CIT987SK-1163G10 map 10q25, complete sequence//1.8e-109:584:94//AC005660
- R-THYRO1001374
- 45 R-THYRO1001401//Human pigment epithelium-derived factor gene, complete cds//4.2e-51:333:88//U29953
- R-THYRO1001403//Human PAC clone DJ222H05 from Xq25-q26, complete sequence//8.7e-38:307:82//AC002377
- R-THYRO1001405
- R-THYRO1001406//RPC111-69F22.TK RPC11 Homo sapiens genomic clone R-69F22, genomic survey sequence//1.9e-67:400:90//AQ238297
- 50 R-THYRO1001411//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 80N2, WORKING DRAFT SEQUENCE//2.2e-06:349:63//AL031123
- R-THYRO1001426//*** SEQUENCING IN PROGRESS *** Homo sapiens genomic DNA (PAC 1118i22) from chromosome 11; HTGS phase 1, WORKING DRAFT SEQUENCE//2.2e-89:506:86//AJ002553
- R-THYRO1001434//Microcentus caryae 12S mitochondrial ribosomal RNA, small subunit, mitochondrial gene, partial sequence//1.0:176:61//U77877
- 55 R-THYRO1001458//Human DNA sequence from clone 453C12 on chromosome 20q12-13.12 Contains SDC4 (syndecan 4 (amphiglycan, ryudocan)) predicts a gene like the mouse transcription factor RBP-L, MATN4 (matrilin-4) STS, GSS, CpG island, complete sequence//3.3e-07:196:67//AL021578

- R-THYRO1001480//Homo sapiens clone DJ0756H11, WORKING DRAFT SEQUENCE, 5 unordered piece.//1.2e-99:517:95//AC006001
- R-THYRO1001487//Homo sapiens, WORKING DRAFT SEQUENCE, 97 unordered pieces.//8.5e-14:221:70//AC004085
- 5 R-THYRO10001534//HS_2242_B2_H04_MR CIT Approved Human Genomic Sperm Library D Homo sapiens genomic clone Plate=2242 Col=8 Row=P, genomic survey sequence.//0.00012:141:68//AQ182326
- R-THYRO1001537//Human DNA sequence from clone 111F4 on chromosome Xq23 Contains GSSs, complete sequence.//0.42:323:60//AL023876
- 10 R-THYRO1001541//Homo sapiens clone RG228D17, WORKING DRAFT SEQUENCE, 2 unordered pieces.//1.7e-42:370:78//AC005077
- R-THYRO1001559//Homo sapiens 12q24.2 PAC RPCI5-944M2 (Roswell Park Cancer Institute Human PAC Library) complete sequence.//1.0:144:67//AC005868
- R-THYRO1001570//Plasmodium falciparum 3D7 chromosome 12 PFYAC492 genomic sequence, WORKING DRAFT SEQUENCE, 5 unordered pieces.//0.43:268:61//AC005308
- 15 R-THYRO1001573//M.avium rpsL gene.//0.98:131:66//X80120
- R-THYRO1001584//A.longa plastid genes for ribosomal proteins and tRNAs.//0.29:502:58//X75653
- R-THYRO1001595//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone Y313F4, WORKING DRAFT SEQUENCE.//1.5e-33:319:78//AL023808
- 20 R-THYRO1001602//Homo sapiens chromosome 17, clone hRPK.142_H_19, complete sequence.//4.4e-13:320:67//AC005919
- R-THYRO1001605//Human DNA sequence from PAC 358H7 on chromosome X.//1.9e-32:391:76//Z77249
- R-THYRO1001617//Homo sapiens cDNA for dihydroxyacetone phosphate acyltransferase (DAP-AT).//1.9e-81:448:92//AJ002190
- R-THYRO1001637//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 688G8, WORKING DRAFT SEQUENCE.//5.4e-41:381:78//AL031671
- 25 R-THYRO1001656//HS_2201_B2_A08_MF CIT Approved Human Genomic Sperm Library D Homo sapiens genomic clone Plate=2201 Col=16 Row=B, genomic survey sequence.//0.096:162:63//AQ293168
- R-THYRO1001661//Human immunoglobulin-associated (B29) gene, promoter and exon 1, partial cds.//1.0:229:62//U22954
- 30 R-THYRO1001671//Homo sapiens mRNA for 2'-5' oligoadenylate synthetase 59 kDa isoform.//4.8e-110:562:95//AJ225089
- R-THYRO1001673//CIT-HSP-2327D12.TR CIT-HSP Homo sapiens genomic clone 2327D12, genomic survey sequence.//1.5e-17:224:68//AQ042426
- R-THYRO1001703//Homo sapiens clone 198 unknown mRNA, partial sequence.//1.6e-44:251:93//AF091072
- 35 R-THYRO1001706//Homo sapiens clone DJ0935K16, complete sequence.//1.8e-26:378:68//AC006011
- R-THYRO1001721//, complete sequence.//1.3e-101:571:92//AC005500
- R-oooooooooooo
- R-THYRO1001745//Homo sapiens chromosome 5, PAC clone 247f3 (LBNL H85), complete sequence.//1.1e-15:193:70//AC004777
- 40 R-THYRO1001746//Human inter-alpha-trypsin inhibitor light chain (ITI) gene, exon 3.//0.54:260:61//M88244
- R-THYRO1001772//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 30A23, WORKING DRAFT SEQUENCE.//1.6e-12:285:64//AL022156
- R-THYRO1001793
- 45 R-THYRO1001809//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 1071N3, WORKING DRAFT SEQUENCE.//2.5e-43:486:74//AL031728
- R-THYRO1001854//Homo sapiens chromosome 17, clone hRPK.74_E_22, complete sequence.//5.0e-41:245:87//AC005696
- R-THYRO1001895//Human Chromosome 11p14.3 PAC clone 6-106f23, complete sequence.//4.4e-12:419:61//AC005137
- 50 R-THYRO1001907//Homo sapiens Chromosome 22q11.2 Cosmid Clone 24b In DGCR Region, complete sequence.//8.1e-35:340:78//AC000075
- R-VESEN1000122//Homo sapiens Luman mRNA, complete cds.//1.3e-23:138:98//AF009368
- R-Y79AA1000013
- R-Y79AA1000033//Homo sapiens BAC clone GS114I09 from 7p14-p15, complete sequence.//9.9e-112:551:97//AC006027
- 55 R-Y79AA1000037//CIT-HSP-2334F3.TR CIT-HSP Homo sapiens genomic clone 2334F3, genomic survey sequence.//0.16:308:60//AQ036673
- R-Y79AA1000059//Homo sapiens Chromosome 16 BAC clone CIT987SK-A-279B10, complete sequence.//6.1e-

- 56:314:88//AC002300
 R-Y79AA1000065//Human carboxylesterase gene, exon 5//0.64:203:63//D21079
 R-Y79AA1000131//*** SEQUENCING IN PROGRESS *** Homo sapiens chromosome 4, BAC clone C0548N01; HTGS phase 1, WORKING DRAFT SEQUENCE, 31 unordered pieces.//7.0e-18:169:79//AC004795
 5 R-Y79AA1000181//Human DNA sequence from clone 612B18 on chromosome 1q24-25.3 Contains exon from gene similar to 40S ribosomal protein, first coding exon of dynamin 2 (DYNII). ESTs, STS, GSS, CpG Island, complete sequence.//1.1e-106:474:98//AL031864
 R-Y79AA1000202//CIT978SK-A-518G2.TP CIT978SK Homo sapiens genomic clone A-518G2, genomic survey sequence.//1.0e-10:78:97//B68074
 10 R-Y79AA1000214//Homo sapiens clone DJ0673M15, WORKING DRAFT SEQUENCE, 33 unordered pieces.//6.5e-59:386:90//AC004854
 R-Y79AA1000230//Cytauxzoon felis 18S ribosomal RNA.//1.0:167:62//L19080
 R-Y79AA1000231//HS_3009_A1_H03_T7 CIT Approved Human Genomic Sperm Library D Homo sapiens genomic clone Plate=3009 Col=5 Row=O, genomic survey sequence.//6.4e-52:348:88//AQ090225
 15 R-Y79AA1000258//Hepatitis C virus HCV-B9 gene for NS5, partial cds.//0.65:127:65//D10558
 R-Y79AA1000268//Human DNA sequence from PAC 162H14 on chromosome 22. Contains 3' part of a FIBULIN 1 like gene and ESTs, complete sequence.//4.7e-40:300:84//Z98047
 R-Y79AA10003131//Human DNA sequence from PAC 179I15, BRCA2 gene region chromosome 13q12-q13 contains Klotho ESTs and CpG island.//5.0e-14:136:83//Z92540
 20 R-Y79AA1000328
 R-Y79AA1000342//S.clavuligerus linear plasmid pSCL (complete sequence).//0.55:189:65//X54107
 R-Y79AA1000346//Human MEST mRNA, complete cds.//0.00013:52:100//D78611
 R-Y79AA1000349//M.musculus Spnr mRNA for RNA binding protein.//8.8e-36:300:81//X84692
 R-Y79AA1000355//Human DNA sequence from clone 551E13 on chromosome Xp11.2-11.3 Contains farnesyl pyrophosphate synthetase pseudogene, VT4 protein pseudogene, EST, GSS, complete sequence.//5.7e-45:403:80//AL022163
 25 R-Y79AA1000368
 R-Y79AA1000405//RPCI11-16B12.TPB RPCI-11 Homo sapiens genomic clone RPCI-11-16B12, genomic survey sequence.//0.10:171:65//B88000
 30 R-Y79AA1000410//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 92N15, WORKING DRAFT SEQUENCE.//4.1e-50:361:83//Z93097
 R-Y79AA1000420//Plasmodium falciparum merozoite surface protein 4, merozoite surface protein 5, merozoite surface protein 2, and adenylosuccinate lyase genes, complete cds.//0.071:474:57//AF033037
 R-Y79AA1000469//Homo sapiens clone NH0140K04, complete sequence.//1.8e-86:221:90//AC005033
 35 R-Y79AA1000480//Homo sapiens chromosome 4 clone B240N9 map 4q25, complete sequence.//2.1e-14:179:72//AC004057
 R-Y79AA1000538//Homo sapiens clone DJ0826E18, WORKING DRAFT SEQUENCE, 4 unordered pieces.//4.5e-43:321:83//AC005282
 R-Y79AA1000539//Homo sapiens PAC clone DJ0074M20 from X, complete sequence.//0.0012:275:59//AC006143
 40 R-Y79AA1000540//Z.diploperemnis repetitive DNA (clone ZEAR 260).//0.0017:258:62//X53609
 R-Y79AA1000560//Mouse mRNA for alpha-adaptin (C).//6.1e-32:390:70//X14972
 R-Y79AA1000574//Homo sapiens chromosome 9q34, clone 23B4, complete sequence.//0.96:224:61//AC002325
 R-Y79AA1000627//Homo sapiens full-length insert cDNA ZA77G02.//6.3e-100:533:94//AF075117
 45 R-Y79AA1000705//RPCI11-76G7.TV RPCI11 Homo sapiens genomic clone R-76G7, genomic survey sequence.//4.6e-88:429:98//AQ268433
 R-Y79AA1000734//Homo sapiens peroxisomal biogenesis factor (PEX11b) mRNA, complete cds.//2.7e-112:586:95//AF093670
 R-Y79AA1000748
 50 R-Y79AA1000752
 R-Y79AA1000774//CIT-HSP-2288K24.TF CIT-HSP Homo sapiens genomic clone 2288K24, genomic survey sequence.//5.3e-45:316:86//AQ005014
 R-Y79AA1000782//Human mRNA for KIAA0246 gene, partial cds.//5.0e-17:107:100//D87433
 R-Y79AA1000784//Plasmodium falciparum 3D7 chromosome 12 PFYAC181 genomic sequence, WORKING DRAFT SEQUENCE, 8 unordered pieces.//0.00034:520:55//AC005505
 55 R-Y79AA1000794//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 989H11, WORKING DRAFT SEQUENCE.//0.015:322:60//Z83851
 R-Y79AA1000800//M.musculus tex264 mRNA (3'region).//1.1e-06:104:78//X80427

- R-nnnnnnnnnnn/CIT-HSP-2295G6.TF CIT-HSP Homo sapiens genomic clone 2295G6, genomic survey sequence.//0.67:152:62//AQ007605
- R-Y79AA1000805//Human Chromosome 11 Cosmid cSRL30h11, complete sequence.//3.1e-26:423:68//U73642
- R-Y79AA1000824//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 329A5, WORKING DRAFT SEQUENCE.//1.1e-08:449:61//Z97832
- 5 R-Y79AA1000827//Triticum aestivum heat shock protein 101 kDa (HSP101) mRNA, complete cds.//1.0:101:69//AF083344
- R-Y79AA1000850//Homo sapiens small optic lobes homolog (SOLH) mRNA, complete cds.//0.40:386:59//U85647
- R-Y79AA1000962//CIT-HSP-2298N11.TR CIT-HSP Homo sapiens genomic clone 2298N11, genomic survey sequence.//0.00019:253:65//AQ013111
- 10 R-Y79AA1000968//Rattus norvegicus initiation factor eIF-2B gamma subunit (eIF-2B gamma) mRNA, complete cds.//1.7e-58:446:80//J38253
- R-Y79AA1000969
- R-Y79AA1000976//CIT-HSP-2350C4.TF CIT-HSP Homo sapiens genomic clone 2350C4, genomic survey sequence.//3.3e-60:295:100//AQ061422
- 15 R-Y79AA1000985//Mus musculus pericentrin mRNA, complete cds.//5.9e-38:348:76//U05823
- R-Y79AA1001023
- R-Y79AA1001041
- R-Y79AA1001048
- 20 R-Y79AA1001061//Homo sapiens Chromosome 16 BAC clone CIT987SK-A-427H10, complete sequence.//1.2e-60:537:78//AC004626
- R-Y79AA1001068//Homo sapiens P1 clone GSP13996 from 5q12, complete sequence.//2.3e-41:405:77//AC005031
- R-Y79AA1001077
- 25 R-Y79AA1001078//Homo sapiens 12q13.1 PAC RPCI1-228P16 (Roswell Park Cancer Institute Human PAC Library) complete sequence.//2.0e-09:534:59//AC004801
- R-Y79AA1001105//Staphylococcus epidermidis trimethoprim resistance plasmid pSK639//0.0072:309:63//U40259
- R-Y79AA1001145//RPCI11-59N12.TK RPCI11 Homo sapiens genomic clone R-59N12, genomic survey sequence.//3.7e-07:256:64//AQ200068
- 30 R-Y79AA1001167//Homo sapiens genomic DNA, chromosome 21q22.2 (Down Syndrome region), segment 5/15, WORKING DRAFT SEQUENCE.//0.55:223:61//AP000012
- R-Y79AA1001177//Human gene for Gi3 alpha protein, intron 7 through exon 9, variant U6 gene, and snRNP E protein pseudogene LH87.//7.0e-09:203:69//X54048
- R-Y79AA1001185
- 35 R-Y79AA1001211//Homo sapiens 12p13.3 BAC RPCI11-543P15 (Roswell Park Cancer Institute Human BAC Library) complete sequence.//2.1e-32:277:81//AC005912
- R-Y79AA1001216//Human chromosome 12p13 sequence, complete sequence.//0.98:325:59//U47924
- R-Y79AA1001228//Arabidopsis thaliana genomic DNA, chromosome 5, P1 clone: MAB16, complete sequence.//0.0034:378:59//AB018112
- 40 R-Y79AA1001233//Homo sapiens clone DJ1178G13, WORKING DRAFT SEQUENCE, 5 unordered pieces.//0.19:106:72//AC004988
- R-Y79AA1001236//Homo sapiens mRNA for JM23 protein, complete coding sequence (clone IMAGE 34581 and IMAGE 45355 and LLNLc1101133Q7 (RZPD Berlin)).//3.4e-109:549:95//AJ005892
- R-Y79AA1001281
- 45 R-Y79AA1001299//Homo sapiens SNF5/INI1 gene, exon 9.//6.3e-24:133:100//Y17126
- R-Y79AA1001312//Human immunodeficiency virus type 1 variant 43 polymerase pseudogene, partial cds.//0.0070:284:58//U45372
- R-Y79AA1001323//Fugu rubripes GSS sequence, clone 027L23aG3, genomic survey sequence.//0.11:125:70//AL025355
- 50 R-Y79AA1001384//W.makrii mitochondrial CYTB and tRNA genes.//0.070:209:65//X66594
- R-Y79AA1001391//Plasmodium falciparum DNA *** SEQUENCING IN PROGRESS *** from MAL1P2, WORKING DRAFT SEQUENCE.//0.80:163:62//AL031745
- R-Y79AA1001394//Homo sapiens DNA from chromosome 19, cosmid R29144, complete sequence.//0.99:241:63//AC004221
- 55 R-Y79AA1001402//Homo sapiens Chr.14 PAC RPCI4-794B2 (Roswell Park Cancer Institute Human PAC Library) complete sequence.//0.25:81:80//AC005924
- R-Y79AA1001493
- R-Y79AA1001511//Human DNA sequence from clone 931K24 on chromosome 20p12 Contains ESTs and GSSs.

complete sequence//1.3e-35:207:95//AL034430
R-Y79AA1001533//Mouse mRNA for RNA polymerase I associated factor (PAF53), complete cds//2.7e-44:285:81//D14336
R-nnnnnnnnnnnn//Human DNA sequence from clone 113J7 on chromosome Xp11.22-11.4. Contains part of a putative Homeobox (pseudo?) gene, ESTs and an STS, complete sequence//0.70:365:60//AL023574
5 R-Y79AA1001548//Homo sapiens phosphatidylinositol 4-kinase mRNA, complete cds//5.9e-95:517:91//L36151
R-Y79AA1001555
R-Y79AA1001585
R-Y79AA1001594//Human DNA sequence from PAC 60G11 on chromosome X; contains STS//6.6e-19:241:76//Z94722
10 R-Y79AA1001603//H.sapiens CpG island DNA genomic MseI fragment, clone 72f8, forward read cpg72f8.ft1a//3.3e-21:131:96//Z62766
R-Y79AA1001613
R-Y79AA1001647//Human DNA sequence from PAC 36J3, between markers DXS1192 and DXS102 on chromosome X//6.3e-08:338:63//Z82975
15 R-Y79AA1001665//Homo sapiens genomic DNA, chromosome 21q22.2 (Down Syndrome region), segment 1/15, WORKING DRAFT SEQUENCE//3.2e-11:114:84//AP000008
R-Y79AA1001679//O.cuniculus lambda-crystallin mRNA, complete cds//3.9e-15:270:68//M22743
R-nnnnnnnnnnnn//RPCI11-42M5.TJ RPCI11 Homo sapiens genomic clone R-42M5, genomic survey sequence//0.013:64:89//AQ052792
20 R-Y79AA1001696//Apis mellifera ligustica complete mitochondrial genome//9.3e-09:428:58//L06178
R-Y79AA1001705
R-Y79AA1001711//Mus musculus 60 kDa ribonucleoprotein Ro gene, partial cds//2.2e-45:554:75//AF042139
R-Y79AA1001781//Plasmodium falciparum chromosome 2, section 39 of 73 of the complete sequence//1.0:414:57//AE001402
25 R-nnnnnnnnnnnn//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 510D11, WORKING DRAFT SEQUENCE//2.8e-05:329:61//Z98044
R-Y79AA1001827//Oryctolagus cuniculus PiUS mRNA, complete cds//2.3e-90:557:89//U74297
R-Y79AA1001846//Homo sapiens DNA sequence from PAC 179N16 on chromosome 6p21.1-21.33. Contains the SAPK4 (MAPK p38delta) gene, and the alternatively spliced SAPK2 gene coding for CSaids binding protein CSBP2 and a MAPK p38beta LIKE protein. Contains ESTs, STSs and two predicted CpG islands, complete sequence//2.1e-34:306:78//Z95152
30 R-Y79AA1001848//Sequence 11 from patent US 5449616//1.0:221:59//I14369
R-Y79AA1001866//Arabidopsis thaliana genomic DNA, chromosome 5, TAC clone: K23L20, complete sequence//0.0089:527:58//AB016874
35 R-Y79AA1001874
R-Y79AA1001875//M.musculus mRNA for Rab7 protein//5.8e-45:170:92//X89650
R-Y79AA1001923//Human DNA sequence from clone 353H6 on chromosome Xq25-26.2. Contains the alternatively spliced SMARCA1 gene for SW1/SNF related, matrix associated, actin dependent regulator of chromatin, subfamily a, member 1 (SNF2L1) and a 40S Ribosomal Protein S26 pseudogene. Contains ESTs, STSs and GSSs, complete sequence//1.0:138:68//AL022577
40 R-Y79AA1002027//Liverwort Marchantia polymorpha chloroplast genome DNA//0.71:153:67//X04465
R-Y79AA1002083//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 172B20, WORKING DRAFT SEQUENCE//1.0:178:64//AL022319
45 R-Y79AA1002089//Homo sapiens clone GS111G14, WORKING DRAFT SEQUENCE, 5 unordered pieces//6.3e-49:377:81//AC005011
R-Y79AA1002093//Homo sapiens (clone SEL366) 17q YAC (368C7) RNA//4.0e-32:174:99//L77612
R-Y79AA1002103//CIT-HSP-2328I21.TR CIT-HSP Homo sapiens genomic clone 2328I21, genomic survey sequence//1.9e-44:245:96//AQ044502
50 R-Y79AA1002115//CITBI-E1-2514F10.TF CITBI-E1 Homo sapiens genomic clone 2514F10, genomic survey sequence//1.8e-24:249:78//AQ265752
R-Y79AA1002125//RPCI11-15J6.TV RPCI-11 Homo sapiens genomic clone RPCI-11-15J6, genomic survey sequence//8.5e-21:147:91//B75354
R-Y79AA1002139
55 R-Y79AA1002204
R-nnnnnnnnnnnn//Human ankyrin G (ANK-3) mRNA, complete cds//0.040:319:59//U13616
R-Y79AA1002209//Psilotum nudum RT gene for reverse transcriptase (PT4)//0.99:106:65//X65415
R-Y79AA1002210

R-Y79AA1002211//H.sapiens NGAL gene//1.0:311:59//X99133
 R-Y79AA1002220//Plasmodium falciparum DNA *** SEQUENCING IN PROGRESS *** from MAL4P1, WORKING
 DRAFT SEQUENCE //5.9e-07:535:57//AL034557
 R-Y79AA1002229
 5 R-Y79AA1002234//Homo sapiens mRNA for KIAA0692 protein, partial cds.//6.1e-117:564:98//AB014592
 R-Y79AA1002246
 R-Y79AA1002258//Homo sapiens mRNA for HIP3, complete cds//1.3e-92:453:97//AB013384
 R-Y79AA1002298//HS_3071_B2_E08_MR CIT Approved Human Genomic Sperm Library D Homo sapiens ge-
 nomic clone Plate=3071 Col=16 Row=J, genomic survey sequence//1.9e-56:384:87//AQ171331
 10 R-Y79AA1002307//Homo sapiens mRNA for KIAA0634 protein, partial cds.//2.5e-108:403:99//AB014534
 R-Y79AA1002311//Homo sapiens chromosome 10 clone CIT987SK-1173112 map 10q25, complete sequence//
 1.1e-07:368:61//AC005887
 R-Y79AA1002351
 R-Y79AA1002361//H.sapiens CpG island DNA genomic Mse1 fragment, clone 65b9, reverse read cpg65b9.r1a.//
 0.57:59:79//Z62206
 15 R-Y79AA1002399//Homo sapiens chromosome 17, clone hRPK.700_H_6, complete sequence.//2.0e-98:385:99//
 AC005920
 R-Y79AA1002407//Homo sapiens chromosome 17, clone hRPC.842_A_23, complete sequence//5.4e-59:490:
 76//AC004662
 20 R-Y79AA1002416//Homo sapiens Xp22 GSHB-314C4 (Genome Systems Human BAC library) complete se-
 quence.//6.3e-08:103:80//AC004087
 R-Y79AA1002431
 R-nnnnnnnnnnnn//Mouse transcriptional control element.//0.064:84:71//M17284
 R-Y79AA1002472//Homo sapiens chromosome 19, BAC CTY-B-393i15 (BC301323), complete sequence//1.6e-
 103:525:96//AC006116
 25 R-Y79AA1002482//Homo sapiens chromosome 18, clone hRPK.474_N_24, complete sequence//9.7e-38:302:
 83//AC006238
 R-Y79AA1002487//P.falciparum complete gene map of plastid-like DNA (IR-B).//0.23:266:61//X95276

30 Homology Search Result Data 4.

[0307] The result of the homology search of the Human Unigene using the clone sequence of 5'-end.

[0308] Data include

35 the name of clone,
 title of the top hit data,
 the P-value: the length of the compared sequence: identity (%), and
 the Accession No. of the top hit data, as in the order separated by //.

40 [0309] Data are not shown for the clones in which the P-value was higher than 1.

F-HEMBA1000005//EST//4.3e-87:422:97//Hs.147830:AI222069
 F-HEMBA1000012//Human endosome-associated protein (EEA1) mRNA, complete cds//0.82:170:64//Hs.2864:
 L40157
 45 F-HEMBA1000020//Homo sapiens beta 2 gene//4.0e-74:529:83//Hs.150244:U83668
 F-HEMBA1000030//ESTs//1.1e-91:494:93//Hs.7958:W22078
 F-HEMBA1000042//ESTs//3.5e-22:228:77//Hs.145406:AI253247
 F-HEMBA1000046//ESTs, Highly similar to PRE-MRNA SPLICING FACTOR RNA HELICASE PRP22 [Saccharo-
 myces cerevisiae]//0.00019:192:65//Hs.7900:W22411
 50 F-HEMBA1000050//EST//0.81:74:72//Hs.156298:AI336759
 F-HEMBA1000076//ESTs//0.11:252:62//Hs.131939:AI417910
 F-HEMBA1000111//ESTs//8.5e-89:449:96//Hs.41105:N66734
 F-HEMBA1000129//Human phosphatidylinositol 3-kinase catalytic subunit p110delta mRNA, complete cds//0.27:
 342:61//Hs.14207:U86453
 55 F-HEMBA1000141//Homo sapiens mRNA for KIAA0797 protein, partial cds//6.8e-169:791:98//Hs.27197:
 AB018340
 F-HEMBA1000150//Homo sapiens mRNA for KIAA0788 protein, partial cds//1.4e-37:243:88//Hs.2397:Z70200
 F-HEMBA1000156//ESTs, Weakly similar to The KIAA0138 gene product is novel. [H.sapiens]//5.3e-80:383:98//

- Hs.135552:AI215187
 F-HEMBA1000158//Homo sapiens OPA-containing protein mRNA, complete cds//2.1e-07:265:63//Hs.85313:AF071309
 F-HEMBA1000168//ESTs//6.1e-35:257:85//Hs.13533:H23079
 5 F-HEMBA1000180//ESTs, Moderately similar to RETROVIRUS-RELATED POL POLYPROTEIN [H.sapiens]//1.3e-18:111:96//Hs.163863:W28729
 F-HEMBA1000185//H.sapiens ERF-2 mRNA//1.0:125:68//Hs.78909:U07802
 F-HEMBA1000193//EST//1.5e-48:266:95//Hs.160642:AI240133
 F-HEMBA1000201//Human Ini1 mRNA, complete cds//6.5e-75:440:92//Hs.155626:U04847
 10 F-HEMBA1000213//ESTs//0.21:239:62//Hs.26838:AA527529
 F-HEMBA1000216//Homo sapiens clone 23698 mRNA sequence//1.1e-57:529:68//Hs.8136:U81984
 F-HEMBA1000227//Human RNA-binding protein CUG-BP/hNab50 (NAB50) mRNA, complete cds//1.3e-05:311:64//Hs.81248:U63289
 F-HEMBA1000231
 15 F-HEMBA1000243//EST//5.9e-52:359:85//Hs.141433:N23377
 F-HEMBA1000244//H.sapiens mRNA for cytokine inducible nuclear protein//0.0022:350:60//Hs.74019:X83703
 F-HEMBA1000251//ESTs//3.2e-84:443:95//Hs.21068:N47460
 F-HEMBA1000264//ESTs//0.76:227:61//Hs.5159:AA588562
 F-HEMBA1000280//EST//1.7e-12:149:75//Hs.103418:AA035568
 20 F-HEMBA1000282//ESTs//1.7e-16:164:79//Hs.123111:AA813186
 F-HEMBA1000288//ESTs//5.4e-06:154:68//Hs.54174:N64406
 F-HEMBA1000290//Human novel homeobox mRNA for a DNA binding protein//3.8e-07:412:61//Hs.37035:U07664
 F-HEMBA1000302//EST//1.2e-41:238:94//Hs.147245:AI206095
 F-HEMBA1000303
 25 F-HEMBA1000304//ESTs//3.5e-11:96:87//Hs.163057:AA728946
 F-HEMBA1000307//EST//7.7e-05:280:62//Hs.146462:AI124898
 F-HEMBA1000327//ESTs//5.3e-92:435:99//Hs.100605:AA305965
 F-HEMBA1000333//Human mRNA for KIAA0206 gene, partial cds//0.84:395:56//Hs.79299:D86961
 F-HEMBA1000338//ESTs, Moderately similar to novel stromal cell protein [M.musculus]//2.4e-38:317:80//Hs.99189:X84712
 30 F-HEMBA1000351//Human Line-1 repeat mRNA with 2 open reading frames//0.020:334:59//Hs.23094:M19503
 F-HEMBA1000355//Myosin, heavy polypeptide 11, smooth muscle//0.11:336:61//Hs.78344:AF001548
 F-HEMBA1000356//H.sapiens ERF-2 mRNA//0.031:317:59//Hs.78909:U07802
 F-HEMBA1000357//Human mRNA for KIAA0118 gene, partial cds//1.2e-50:441:78//Hs.154326:D42087
 35 F-HEMBA1000366//ESTs//0.025 :56:87//Hs.141629:H74010
 F-HEMBA1000369//Homo sapiens PAC clone DJ0669B10 from 7q33-q35//0.99:433:58//Hs.159899:AC004853
 F-HEMBA1000376//Oxytocin receptor//3.4e-43:569:70//Hs.2820:X64878
 F-HEMBA1000387//ESTs//8.2e-104:535:94//Hs.78110:AA741320
 F-HEMBA1000390//Homo sapiens BAC clone RG119C02 from 7p15//2.3e-141:712:95//Hs.22900:AC004520
 40 F-HEMBA1000392//Homo sapiens clone 24619 mRNA sequence//1.7e-47:461:74//Hs.139088:AF070533
 F-HEMBA1000396//ESTs, Weakly similar to hypothetical protein [H.sapiens]//1.2e-26:351:70//Hs.138992:C14008
 F-HEMBA1000411//EST//2.8e-27:401:71//Hs.138719:N52915
 F-HEMBA1000418//ESTs//0.0094:375:61//Hs.40140:AI079253
 F-HEMBA1000422//EST//6.2e-23:225:78//Hs.132635:AI032875
 45 F-HEMBA1000428//Homo sapiens mRNA, chromosome 1 specific transcript KIAA0501//7.6e-31:616:66//Hs.159897:AB007970
 F-HEMBA1000434//EST//0.0031:157:64//Hs.162328:AA559034
 F-HEMBA1000442//EST//1.0:201:61//Hs.162434:AA577398
 F-HEMBA1000456//Fanconi anemia complementation group C//0.58:362:59//Hs.37953:X66893
 50 F-HEMBA1000459//EST//9.2e-21:157:86//Hs.132635:AI032875
 F-HEMBA1000460//ESTs//2.9e-77:409:95//Hs.27135:W49590
 F-HEMBA1000464//ESTs//6.6e-17:365:65//Hs.150675:AA127853
 F-HEMBA1000469
 F-HEMBA1000488//Homo sapiens HIV-1 inducer of short transcripts binding protein (FBI1) mRNA, complete cds//0.15:253:58//Hs.104640:AF000561
 55 F-HEMBA1000490//Homo sapiens kinectin mRNA, complete cds//0.71:539:56//Hs.82709:Z22551
 F-HEMBA1000491//ESTs//2.0e-21:361:65//Hs.152453:AA864970
 F-HEMBA1000501//Homo sapiens tapasin (NGS-17) mRNA, complete cds//2.5e-39:312:77//Hs.5247:AF029750

F-HEMBA1000504//Homo sapiens mRNA for osteoblast specific factor 2 (OSF-2os)//1.3e-08:57:100//Hs.155095:
 D13666
 F-HEMBA1000505//Homo sapiens KE04p mRNA, complete cds//1.0:197:62//Hs.131962:AF064093
 F-HEMBA1000508//EST//0.67:156:60//Hs.162898:AA659646
 5 F-HEMBA1000518
 F-HEMBA1000519//EST//6.8e-52:300:91//Hs.149580:AI281881
 F-HEMBA1000520//ESTs, Weakly similar to coded for by C. elegans cDNA CEESB82F [C.elegans]//2.9e-16:132:
 84//Hs.155871:AA533783
 F-HEMBA1000523//ESTs, Highly similar to TESTIS-SPECIFIC PROTEIN PBS13 [Mus musculus]//2.1e-25:192:
 10 87//Hs.22383:R51067
 F-HEMBA1000531//ESTs, Weakly similar to heat shock protein [H.sapiens]//2.4e-57:288:97//Hs.116022:
 AA455706
 F-HEMBA1000534//Homo sapiens PYRIN (MEFV) mRNA, complete cds//2.8e-47:153:88//Hs.113283:AF018080
 F-HEMBA1000540//ESTs//8.6e-07:60:100//Hs.109755:AA180809
 15 F-HEMBA1000542//Human lysyl oxidase-like protein mRNA, complete cds//0.088:581:57//Hs.65436:U24389
 F-HEMBA1000545//Human kpni repeat mrna (cdna clone pcd-kpni-4), 3' end//7.8e-106:731:83//Hs.139107:
 K00629
 F-HEMBA1000555//Human mRNA for KIAA0242 gene, partial cds//0.75:283:58//Hs.77495:D87684
 F-HEMBA1000557//ESTs//3.9e-27:389:71//Hs.125087:AA495729
 20 F-HEMBA1000561//Homo sapiens mRNA for KIAA0760 protein, partial cds//3.8e-64:665:72//Hs.137168:
 AB018303
 F-HEMBA1000563//ESTs//3.8e-51:257:98//Hs.47122:AI338977
 F-HEMBA1000568//EST//0.12:270:61//Hs.134833:AI091046
 F-HEMBA1000569//H.sapiens mRNA encoding GPI-anchored protein p137//3.8e-19:409:62//Hs.119283:Z48042
 25 F-HEMBA1000575//EST//0.060:156:64//Hs.126277:AA826681
 F-HEMBA1000588//ESTs, Weakly similar to weakly similar to myosin heavy chain [C.elegans]//7.7e-41:217:96//
 Hs.55084:AA479162
 F-HEMBA1000591//Homo sapiens mRNA for E1B-55kDa-associated protein//2.3e-44:228:97//Hs.155218:
 AJ007509
 30 F-HEMBA1000592//ESTs, Weakly similar to sorting nexin 1 [H.sapiens]//1.7e-27:463:65//Hs.13794:AA203241
 F-HEMBA1000594//Human clone 230971 defective mariner transposon Hsma2 mRNA sequence//4.0e-68:574:
 79//Hs.159176:U92019
 F-HEMBA1000604//ESTs//3.3e-21:158:74//Hs.142924:AI092535
 F-HEMBA1000608//Homo sapiens mRNA for KIAA0456 protein, partial cds//3.7e-120:561:99//Hs.5003:AB007925
 35 F-HEMBA1000622//Homo sapiens DEC-205 mRNA, complete cds//5.2e-34:592:68//Hs.153563:AF011333
 F-HEMBA1000636//ESTs, Weakly similar to 50S RIBOSOMAL PROTEIN L20 [E.coli]//7.4e-22:166:84//Hs.26252:
 AA643235
 F-HEMBA1000637//Homo sapiens mRNA for KIAA0690 protein, partial cds//2.1e-138:639:99//Hs.60103:
 AB014590
 40 F-HEMBA1000655//ESTs//1.2e-54:503:77//Hs.140864:AA176174
 F-HEMBA1000657//Mucin 1, transmembrane//0.99:219:61//Hs.89603:J05582
 F-HEMBA1000662//ESTs//2.2e-52:257:99//Hs.63243:AI123912
 F-HEMBA1000673//H.sapiens mRNA for translin associated protein X//1.7e-47:366:79//Hs.96247:X95073
 F-HEMBA1000682//Oxytocin receptor//4.7e-59:673:72//Hs.2820:X64878
 45 F-HEMBA1000686
 F-HEMBA1000702
 F-HEMBA1000705//EST//0.047:363:60//Hs.136379:AA521309
 F-HEMBA1000719//ESTs//2.7e-68:333:98//Hs.146195:AI039850
 F-HEMBA1000722//ESTs//0.49:283:60//Hs.21108:N92630
 50 F-HEMBA1000726//EST//1.1e-45:183:87//Hs.149580:AI281881
 F-HEMBA1000727//ESTs//4.8e-95:442:100//Hs.22119:AA885491
 F-HEMBA1000747
 F-HEMBA1000749//ESTs//8.0e-14:108:77//Hs.154892:AI091568
 F-HEMBA1000752//EST//1.3e-25:344:69//Hs.160992:H52716
 55 F-HEMBA1000769//ESTs//0.0018:206:63//Hs.153268:AA887239
 F-HEMBA1000773//ESTs//0.56:336:58//Hs.105964:N35803
 F-HEMBA1000774//EST//4.0e-38:312:79//Hs.162197:AA535216
 F-HEMBA1000791//ESTs//2.8e-87:413:99//Hs.112050:AA431300

- F-HEMBA1000817//ESTs//5.6e-124:617:96//Hs.101366:AA167536
 F-HEMBA1000822//ESTs//0.94:347:58//Hs.23905:AA928542
 F-HEMBA1000827//EST//0.064:133:60//Hs.138738:N58367
 F-HEMBA1000843
 5 F-HEMBA1000851//Fragile X mental retardation 1//0.014:219:62//Hs.89764:X69962
 F-HEMBA1000852//Arylsulfatase D//6.7e-38:244:75//Hs.43887:X83572
 F-HEMBA1000867
 F-HEMBA1000869//ESTs//5.1 e-33:166:77//Hs.141186:R99609
 F-HEMBA1000870//EST//0.032:130:66//Hs.157351:AI367237
 10 F-HEMBA1000872//ESTs//2.4e-20:134:92//Hs.155982:AA406047
 F-HEMBA1000876//EST//5.3e-20:233:72//Hs.124339:AA829660
 F-HEMBA1000908//ESTs//5.4e-28:219:84//Hs.12247:AI203154
 F-HEMBA1000910//Human DNA sequence from clone 14O9 on chromosome Xp11.1-11.4. Contains a Inter-Alpha-Trypsin Inhibitor Heavy Chain LIKE gene, a alternatively spliced Melanoma-Associated Antigen MAGE LIKE gene and a 6-Phosphofructo-2-kinase (Fructose-2,6-bisphosphatase) LIKE pseudogene. Contains ESTs, STSs and genomic marker DXS8032//2.8e-11:309:65//Hs.4943:Z98046
 15 F-HEMBA1000918//ESTs//0.11:234:59//Hs.96499:AA252537
 F-HEMBA1000919//Human mRNA for histone H1x, complete cds//0.18:221:64//Hs.109804:D64142
 F-HEMBA1000934//Homo sapiens mRNA for KIAA0547 protein, complete cds//3.8e-09:360:62//Hs.36850:AB011119
 20 F-HEMBA1000942//ESTs, Highly similar to PMS4 homolog mismatch repair protein [H.sapiens]//9.4e-10:77:93//Hs.111445:H00596
 F-HEMBA1000943//ESTs, Highly similar to ZINC FINGER PROTEIN 10 [Homo sapiens]//0.0039:54:92//Hs.58338:AA609476
 25 F-HEMBA1000946//Phosphoribosylglycinamide formyltransferase, phosphoribosylglycinamide-synthetase, phosphoribosylaminoimidazole synthetase//0.93:132:66//Hs.82285:X54199
 F-HEMBA1000960//ESTs, Moderately similar to !!!! ALU SUBFAMILY SX WARNING ENTRY !!!! [H.sapiens]//0.080:128:71//Hs.118972:AA761369
 F-HEMBA1000968//Human transposon-like element mRNA//2.8e-95:352:87//Hs.84775:M23161
 30 F-HEMBA1000971//ESTs//8.4e-88:417:98//Hs.128631:AI127903
 F-HEMBA1000972//EST//0.75:134:64//Hs.117228:AA682775
 F-HEMBA1000974//ESTs//1.3e-103:497:98//Hs.126786:U74314
 F-HEMBA1000975//Homo sapiens diacylglycerol kinase iota (DGKi) mRNA, complete cds//1.3e-05:424:59//Hs.159564:AF061936
 35 F-HEMBA1000985//Homo sapiens mRNA, chromosome 1 specific transcript KIAA0492//0.0036:389:60//Hs.127338:AB007961
 F-HEMBA1000986//ESTs//0.00025:272:64//Hs.12364:H09132
 F-HEMBA1000991//Homo sapiens mRNA for Hrs, complete cds//3.9e-24:193:84//Hs.24756:U43895
 F-HEMBA1001007//EST//0.96:70:71//Hs.163258:AA828835
 40 F-HEMBA1001008//Human G protein-coupled receptor (STRL22) mRNA, complete cds//4.9e-43:472:74//Hs.46468:U45984
 F-HEMBA1001009//Immunoglobulin mu//0.18:367:59//Hs.75758:X58529
 F-HEMBA1001017//Homo sapiens mRNA for KIAA0468 protein, complete cds//1.4e-140:661:98//Hs.158287:AB007937
 45 F-HEMBA1001019//EST//4.1e-14:251:68//Hs.148769:AI239572
 F-HEMBA1001020//Von Hippel-Lindau syndrome//2.2e-28:253:69//Hs.78160:AF010238
 F-HEMBA1001022
 F-HEMBA1001024//Homo sapiens mRNA, chromosome 1 specific transcript KIAA0501//6.8e-28:376:72//Hs.159897:AB007970
 50 F-HEMBA1001026//Homo sapiens klotho mRNA, complete cds//1.3e-05:745:57//Hs.94592:AB005142
 F-HEMBA1001043//ESTs//2.1e-28:448:67//Hs.112469:AA598515
 F-HEMBA1001051//EST//3.1e-48:310:87//Hs.149580:AI281881
 F-HEMBA1001052//EST//0.94:149:67//Hs.31216:AI017971
 F-HEMBA1001059//N-ACETYL GALACTOSAMINE-6-SULFATASE PRECURSOR//4.6e-165:777:98//Hs.159479:U06088
 55 F-HEMBA1001060//ESTs//6.8e-14:150:78//Hs.24821:AA044813
 F-HEMBA1001071//Alpha-1 type 3 collagen//3.5e-32:181:96//Hs.119571:X14420
 F-HEMBA1001077//ESTs, Moderately similar to transcription intermediary factor 1 [H.sapiens]//1.1e-98:487:97//

- Hs.147802:R71297
 F-HEMBA1001080//Human N-type calcium channel alpha-1 subunit mRNA, complete cds//0.013:385:58//Hs.69949:M94172
 F-HEMBA1001085//Human hSIAH2 mRNA, complete cds//0.55:338:59//Hs.20191:U76248
 5 F-HEMBA1001088//Human PINCH protein mRNA, complete cds//7.3e-73:303:78//Hs.83987:U09284
 F-HEMBA1001094//Interleukin 8//0.092:530:58//Hs.624:M17017
 F-HEMBA1001099
 F-HEMBA1001109//Homo sapiens tapasin (NGS-17) mRNA, complete cds//2.4-61:341:85//Hs.5247:AF029750
 F-HEMBA1001121//EST//7.3e-13:265:64//Hs.142423:AA412497
 10 F-HEMBA1001122//Homo sapiens mRNA for KIAA0471 protein, complete cds//0.066:649:56//Hs.5347:AB007940
 F-HEMBA1001123//Homo sapiens mRNA for KIAA0448 protein, complete cds//1.5e-10:231:68//Hs.27349:AB007917
 F-HEMBA1001133//EST//0.50:222:63//Hs.131018:AI015747
 F-HEMBA1001137//Homo sapiens mRNA for KIAA0798 protein, complete cds//2.2e-73:527:77//Hs.159277:AB018341
 15 F-HEMBA1001140//Homo sapiens mRNA for KIAA0682 protein, complete cds//0.020:141:65//Hs.7482:AB014582
 F-HEMBA1001172//EST//0.77:158:60//Hs.158894:AI378457
 F-HEMBA1041174//ESTs//1.4e-63:363:92//Hs.132798:AA922226
 F-HEMBA1001197//ESTs, Weakly similar to Rap2 interacting protein 8 [M.musculus]//5.0e-54:555:71//Hs.55165:AA573499
 20 F-HEMBA1001208//EST//6.2e-26:213:77//Hs.146964:AI183463
 P-HEMBA1001213//Human mRNA for KIAA0013 gene, complete cds//0.026:569:57//Hs.48824:D87717
 F-HEMBA1001226//ESTs//1.9e-11:407:65//Hs.157977:AI369694
 F-HEMBA1001235//ESTs//0.0042:161:63//Hs.155170:AA167748
 25 F-HEMBA1001247//ESTs//1.2e-91:429:99//Hs.143304:AI084058
 F-HEMBA1001257//Human zinc finger protein (MAZ) mRNA//0.017:330:62//Hs.7647:M94046
 F-HEMBA1001265
 F-HEMBA1001281
 F-HEMBA1001286//Natriuretic peptide precursor B//0.76:163:63//Hs.937:AL021155
 30 F-HEMBA1001289//Homo sapiens Chromosome 16 BAC clone CIT987SK-A-69G12//5.1e-30:530:64//Hs.154050:AC004131
 F-HEMBA1001294//Homo sapiens mRNA for matrilin-3//0.00023:657:56//Hs.119534:AJ224741
 F-HEMBA1001299//Small inducible cytokine A5 (RANTES)//2.2e-27:271:77//Hs.155464:AF088219
 F-HEMBA1001302//ESTs, Moderately similar to Cab45a [M.musculus]//3.3e-53:272:97//Hs.154563:AI129590
 35 F-HEMBA1001303//ESTs, Weakly similar to RNA splicing-related protein [R.norvegicus]//2.6e-66:241:99//Hs.120847:AA731201
 F-HEMBA1001310//ESTs//2.0e-21:133:93//Hs.159116:W55873
 F-HEMBA1001319//Homo sapiens mRNA for KIAA0758 protein, partial cds//0.23:562:58//Hs.22039:AB018301
 F-HEMBA1001323//Wingless-type MMTV integration site 5A, human homolog//2.5e-31:165:99//Hs.152213:L20861
 40 F-HEMBA1001326//ESTs, Highly similar to HYPOTHETICAL 55.1 KD PROTEIN IN FAB1-PES4 INTERGENIC REGION [Saccharomyces cerevisiae]//8.9e-08:185:68//Hs.108734:AI073427
 F-HEMBA1001327//ESTs//0.085:337:60//Hs.114157:AA703013
 F-HEMBA1001330//EST//0.0018:225:63//Hs.127987:AA970569
 45 F-HEMBA1001351//Homo sapiens VAMP-associated protein of 33 kDa (VAP-33) mRNA, complete cds//3.6e-105:516:97//Hs.9006:AF057358
 F-HEMBA1001361//ESTs//1.2e-62:317:97//Hs.6639:R39794
 F-HEMBA1001375//ESTs//0.93:180:60//Hs.148425:AI198074
 F-HEMBA1001377//ESTs//9.2e-87:414:99//Hs.48469:N62156
 50 F-HEMBA1001383//ESTs//0.0023:336:60//Hs.140622:AA844353
 F-HEMBA1001387//ESTs, Highly similar to RAS-LIKE PROTEIN TC10 [Homo sapiens]//1.0e-132:643:97//Hs.124217:AA020848
 F-HEMBA1001388
 F-HEMBA1001391//ESTs//5.6e-32:191:93//Hs.71628:N41660
 55 F-HEMBA1001398
 F-HEMBA1001405//EST//1.0:135:63//Hs.146833:AI151117
 F-HEMBA1001407//ESTs//10.53:390:57//Hs.150447:AI017798
 F-HEMBA1001411//EST//8.8e-06:270:62//Hs.145386:AI253108

- F-HEMBA1001413
 F-HEMBA1001415//EST//1.3e-12:176:75//Hs.133172:AI051605
 F-HEMBA1001432//RING3 PROTEIN//0.57:345:59//Hs.75243:D42040
 F-HEMBA1001433//ESTs//1.3e-21:333:69//Hs.131648:AI025726
 5 F-HEMBA1001435//Cytochrome P450, subfamily I (aromatic compound-inducible), polypeptide 2//1.2e-74:469:80//Hs.1361:M55053
 F-HEMBA1001442//EST//0.29:181:64//Hs.116883:AA663031
 F-HEMBA1001446//ESTs, Weakly similar to Rap2 interacting protein 8 [M.musculus]//6.8e-47:550:71//Hs.55165:AA573499
 10 F-HEMBA1001450//Homo sapiens GTPase-activating protein (SIP1) mRNA, complete cds//0.82:312:58//Hs.7019:AB005666
 F-HEMBA1001454//ESTs//1.2e-46:297:80//Hs.152395:AA533107
 F-HEMBA1001455//ESTs//7.3e-103:502:97//Hs.112860:AA442412
 F-HEMBA1001463//Human mRNA for KIAA0392 gene, partial cds//8.7e-51:323:88//Hs.40100:AB002390
 15 F-HEMBA1001476//Homo sapiens mRNA for KIAA0572 protein, partial cds//6.2e-104:489:99//Hs.14409:AB011144
 F-HEMBA1001478//EST//0.013:205:61//Hs.157309:AI365451
 F-HEMBA1001497//Small inducible cytokine A5 (RANTES)//5.9e-45:307:84//Hs.155464:AF088219
 F-HEMBA1001510//H.sapiens mRNA for G13 protein//2.1e-71:405:92//Hs.42853:X98054
 20 F-HEMBA1001515//Human Line-1 repeat mRNA with 2 open reading frames//4.5e-105:773:82//Hs.23094:M19503
 F-HEMBA1001517//EST//3.6e-09:271:65//Hs.162347:AA564902
 F-HEMBA1001522//ESTs//4.3e-13:85:95//Hs.126707:AI376869
 F-HEMBA1001526
 25 F-HEMBA1001533//EST//1.0:75:73//Hs.145360:AI252476
 F-HEMBA1001557//EST//3.5e-13:261:64//Hs.161496:N66580
 F-HEMBA1001566//EST//3.7e-07:354:64//Hs.43830:N26652
 F-HEMBA1001569//Homo sapiens mRNA for vesicle associated membrane protein 2 (VAMP2)//8.0e-68:338:97//Hs.91589:M36205
 30 F-HEMBA1001570//ESTs//1.5e-47:369:82//Hs.107657:AA126814
 F-HEMBA1001579//Homo sapiens mRNA for NS1-binding protein (NS1-BP)//7.0e-175:678:99//Hs.159597:AJ012449
 F-HEMBA1001581//ESTs//4.4e-07:237:67//Hs.152304:AA605184
 F-HEMBA1001585//ESTs//1.1e-11:81:100//Hs.16364:AI357228
 35 F-HEMBA1001589//Human mRNA for KIAA0166 gene, complete cds//0.82:210:64//Hs.115778:D79988
 F-HEMBA1001595//Human mRNA for KIAA0128 gene, partial cds//2.6e-110:855:78//Hs.90998:D50918
 F-HEMBA1001608//EST//1.0:201:60//Hs.136747:AA749210
 F-HEMBA1001620//ESTs//1.5e-39:211:98//Hs.131063:AI016400
 F-HEMBA1001635//ESTs//4.0e-33:168:100//Hs.122655:AI361870
 40 F-HEMBA1001636//ESTs, Moderately similar to !!!! ALU SUBFAMILY SP WARNING ENTRY !!!! [H.sapiens]//0.038:198:64//Hs.34579:AI338536
 F-HEMBA1001640//ESTs//1.1e-24:315:71//Hs.34114:AA776899
 F-HEMBA1001647//Human plectin (PLEC1) mRNA, complete cds//0.00049:629:61//Hs.79706:U53204
 F-HEMBA1001651//EST//3.6e-07:285:63//Hs.132558:AA948560
 45 F-HEMBA1001655//ESTs//1.4e-95:497:96//Hs.59563:AA203283
 F-HEMBA1001658//EST//0.18:251:59//Hs.117724:H47121
 F-HEMBA1001661
 F-HEMBA1001672//Homo sapiens methyl-CpG binding protein MBD3 (MBD3) mRNA, complete cds//7.9e-146:669:99//Hs.107254:AC005943
 50 F-HEMBA1001675//Homo sapiens mRNA, chromosome 1 specific transcript KIAA0484//2.0e-57:447:79//Hs.158095:AB007953
 F-HEMBA1001678//ESTs//4.0e-50:360:83//Hs.146811:AA410788
 F-HEMBA1001681//EST//1.0:165:58//Hs.136790:AA776060
 F-HEMBA1001702//EST//0.015:312:61//Hs.162839:AA648760
 55 F-HEMBA1001709//EST//0.85:131:65//Hs.131451:AI023995
 F-HEMBA1001711//ESTs//0.084:425:56//Hs.125346:AI302836
 F-HEMBA1001712//EST//0.26:214:59//Hs.159088:AI383114
 F-HEMBA1001714//ESTs, Highly similar to ATPASE INHIBITOR, MITOCHONDRIAL PRECURSOR [Rattus nor-

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vegicus//3.0e-30:195:92//Hs.132948:AA194452
 F-HEMBA1001718//EST//0.0044:275:60//Hs.125969:AA889554
 F-HEMBA1001723//INTERLEUKIN ENHANCER-BINDING FACTOR//0.24:501:57//Hs.101524:U58197
 F-HEMBA1001731//EST//1.2e-06:261:63//Hs.132331:AI028363
 5 F-HEMBA1001734//ESTs//0.018:177:63//Hs.129631:AI000415
 F-HEMBA1001744//EST//8.7e-77 :420:92//Hs.133226:AI052250
 F-HEMBA1001745//Homo sapiens mRNA for TSC403 protein, complete cds//0.37:300:62//Hs.10887:AB013924
 F-HEMBA1001746//ESTs//0.31:168:66//Hs.27237:N68328
 F-HEMBA1001761//ESTs, Weakly similar to ZINC FINGER PROTEIN 91 [H.sapiens]//0.76:218:60//Hs.135553:
 10 N41598
 F-HEMBA1001781//Homo sapiens chromosome 19, cosmid R30953//0.98:219:60//Hs.98776:AC005622
 F-HEMBA1001784//Homo sapiens mRNA for KJAA0474 protein, complete cds//6.4e-09:265:67//Hs.158232:
 AB007943
 F-HEMBA1001791
 15 F-HEMBA1001800//EST//3.1e-41:331:81//Hs.127142:AA937570
 F-HEMBA1001803//EST//0.0062:269:59//Hs.49075:N64817
 F-HEMBA1001804//Human POU domain protein (Brn-3b) mRNA, complete cds//1.8e-07:439:59//Hs.266:U06233
 F-HEMBA1001808//Homo sapiens mRNA, chromosome 1 specific transcript KIAA0500//2.-5e-175:809:98//Hs.
 118164:AB007969
 20 F-HEMBA1001809//ESTs//6.0e-101:497:97//Hs.155127:AA625305
 F-HEMBA1001815
 F-HEMBA1001819//Human kruppel-related zinc finger protein (ZNF184) mRNA, partial cds//4.9e-80:842:70//Hs.
 158174:U66561
 F-HEMBA1001820//EST//0.057:214:62//Hs.148715:A1223845
 25 F-HEMBA1001822//Homo sapiens intersectin short form mRNA, complete cds//6.7e-42:510:65//Hs.66392:
 AF064244
 F-HEMBA1001824//Homo sapiens OPA-containing protein mRNA, complete cds//5.2e-13:253:68//Hs.85313:
 AF071309
 F-HEMBA1001835//Human mRNA for KIAA0235 gene, partial cds//0.96:288:60//Hs.6151:D87078
 30 F-HEMBA1001844//ESTs//1.1e-29:197:80//Hs.I55243:N70293
 F-HEMBA1001847//Human mRNA for KIAA0326 gene, partial cds//2.0e-23:379:68//Hs.6833:AB002324
 F-HEMBA1001861//Homo sapiens mRNA for KIAA0617 protein, complete cds//2.8e-185:865:98//Hs.78946:
 AB014517
 F-HEMBA1001864//EST//0.27:145:63//Hs.162585:AA593121
 35 F-HEMBA1001866//ESTs, Weakly similar to UDP-GLUCOSE:GLYCOPROTEIN GLUCOSYLTRANSFERASE
 PRECURSOR [D.melanogaster]//3.2e-39:293:84//Hs.152332:AI141922
 F-HEMBA1001869//ESTs, Weakly similar to ASH1 [D.melanogaster]//8.1e-70:367:95//Hs.15423:T84036
 F-HEMBA1001888//Homo sapiens mRNA, chromosome 1 specific transcript KIAA0484//5.4e-86:835:76//Hs.
 158095:AB007953
 40 F-HEMBA1001896
 F-HEMBA1001910//Human calpain-like protease (htra-3) mRNA, complete cds//0.43:114:71//Hs.6133:U94346
 F-HEMBA1001912//ESTs//4.1e-79:398:97//Hs.26660:AI312633
 F-HEMBA1001913//Homo sapiens TNF-alpha stimulated ABC protein (ABC50) mRNA, complete cds//0.00031:
 200:62//Hs.9573:AF027302
 45 F-HEMBA1001915//EST//0.082:128:64//Hs.126542:AA916511
 F-HEMBA1001918//Homo sapiens SEC63 (SEC63) mRNA, complete cds//0.46:374:59//Hs.31575:AF100141
 F-HEMBA1001921//Homo sapiens germinal center kinase related protein kinase mRNA, complete cds//6.7e-186:
 855:99//Hs.154934:AF000145
 F-HEMBA1001939//ESTs//4.9e-34:342:77//Hs.132711:AI377295
 50 F-HEMBA1001940//ESTs//8.6e-15:149:81//Hs.141129:R86221
 F-HEMBA1001942//ESTs//0.0014:271:62//Hs.124514:AI219882
 F-HEMBA1001945//EST//0.98:142:64//Hs.161540:N85943
 F-HEMBA1001950//ESTs//0.99:188:64//Hs.28639:R78360
 F-HEMBA1001960//Homo sapiens methyl-CpG binding protein MBD2 (MBD2) mRNA, complete cds//0.30:85:69//
 55 Hs.25674:AF072242
 F-HEMBA1001962//ESTs//0.0012:289:59//Hs.125492:AA938930
 F-HEMBA1001964//EST//0.73:153:64//Hs.112161:AA477708
 F-HEMBA1001967//Human DNA sequence from clone 341 E18 on chromosome 6p11.2-12.3. Contains a Serine/

Threonine Protein Kinase gene (presumptive isolog of a Rat gene) and a novel alternatively spliced gene. Contains a putative CpG island, ESTs and GSSs//4.6e-156:720:99//Hs.11050:AL031178
 F-HEMBA1001979//ESTs//0.86:184:67//Hs.77208:AA044732
 F-HEMBA1001987//ESTs, Moderately similar to hTAFII68 [H.sapiens]//2.8e-29:151:100//Hs.124106:AA948100
 5 F-HEMBA1001991//Homo sapiens clone 24540 mRNA sequence//0.049:121:70//Hs.153529:AF070581
 F-HEMBA1002003//Keratin 10 (epidermolytic hyperkeratosis; keratosis palmaris et plantaris)//9.8e-09:294:63//Hs.99936:X14487
 F-HEMBA1002008//ESTs//0.12:299:59//Hs.132803:W63582
 F-HEMBA1002018//PROTEIN-TYROSINE PHOSPHATASE ZETA PRECURSOR//0.98:212:64//Hs.78867:M93426
 10 F-HEMBA1002022//Human p37NB mRNA, complete cds//0.00044:58:96//Hs.155545:U32907
 F-HEMBA1002035//EST//6.4e-07:145:68//Hs.135336:AI049827
 F-HEMBA1002039//EST//0.99:79:67//Hs.98451:AA426057
 F-HEMBA1002049//ESTs, Weakly similar to !!!! ALU SUBFAMILY J WARNING ENTRY !!!! [H.sapiens]//4.5e-26:223:81//Hs.105292:AA504776
 15 F-HEMBA1002084
 F-HEMBA1002092
 F-HEMBA1002100//Homo sapiens zinc finger homeodomain protein (ATBF1-A) mRNA, complete cds//5.6e-21:124:96//Hs.101842:L32832
 20 F-HEMBA1002102//ESTs, Highly similar to ANKYRIN [Mus musculus]//5.9e-09:434:62//Hs.135102:AI190276
 F-HEMBA1002113//ESTs//0.049:255:63//Hs.106137:AI129973
 F-HEMBA1002119
 F-HEMBA1002125//H.sapiens ERF-2 mRNA//0.026:341:59//Hs.78909:U07802
 F-HEMBA1002139//ESTs//0.082:309:60//Hs.36383:W52393
 25 F-HEMBA1002144//Human mRNA for KIAA0227 gene, partial cds//5.6e-06:601:60//Hs.79170:D86980
 F-HEMBA1002150//Homo sapiens mRNA for KIAA0720 protein, partial cds//5.6e-06:353:62//Hs.23741:AB018263
 F-HEMBA1002151
 F-HEMBA1002153//EST//10.014:328:60//Hs.149115:AI244695
 F-HEMBA1002160//Homo sapiens mRNA, chromosome 1 specific transcript KIAA0507//5.6e-49:303:79//Hs.158241:AB007976
 30 F-HEMBA1002161//Myosin, heavy polypeptide 7, cardiac muscle, beta//1.2e-40:616:67//Hs.929:M57965
 F-HEMBA1002162//Homo sapiens mRNA for XPR2 protein//3.4e-48:749:67//Hs.44766:AJ007590
 F-HEMBA1002166//Small inducible cytokine A5 (RANTES)//2.1e-60:485:79//Hs.155464:AF088219
 F-HEMBA1002177//Homo sapiens yotiao mRNA, complete cds//2.4e-19:151:86//Hs.114808:AF026245
 35 F-HEMBA1002185//EST//0.00011:233:65//Hs.125552:AA884141
 F-HEMBA1002189//EST//5.1 e-24:193:81//Hs.163161:AA778363
 F-HEMBA1002191//Homo sapiens mRNA for KIAA0689 protein, partial cds//0.27:382:59//Hs.21992:AB014589
 F-HEMBA1002199//Homo sapiens mRNA, chromosome 1 specific transcript KIAA0501//1.2e-14:199:72//Hs.159897:AB007970
 40 F-HEMBA1002204//ESTs//0.46:312:59//Hs.61210:AA024696
 F-HEMBA1002212//ESTs//1.0:191:63//Hs.149752:AI285767
 F-HEMBA1002215//ESTs, Highly similar to TESTIN 2 PRECURSOR [Mus musculus]//1.6e-47:251:96//Hs.59906:AA001281
 F-HEMBA1002226//Homo sapiens mRNA, chromosome 1 specific transcript KIAA0488//2.4e-57:375:71//Hs.67619:AB007957
 45 F-HEMBA1002229//Homo sapiens KIAA0395 mRNA, partial cds//7.9e-47:377:80//Hs.43681:AL022394
 F-HEMBA1002237//EST//0.044:1 37:66//Hs.144448:AA812455
 F-HEMBA1002241
 F-HEMBA1002253//EST//2.2e-41:219:96//Hs.137065:AA888887
 50 F-HEMBA1002257//Homo sapiens diacylglycerol kinase iota (DGKi) mRNA, complete cds//1.1e-152:731:97//Hs.159564:AF061936
 F-HEMBA1002265//ESTs//5.4e-11:337:65//Hs.112639:AI125420
 F-HEMBA1002267//Homo sapiens GDP-L-fucose pyrophosphorylase (GFPP) mRNA, complete cds//1.0:395:60//Hs.150926:AF017445
 55 F-HEMBA1002270//ESTs//2.5e-87:504:89//Hs.124440:H95404
 F-HEMBA1002321//Homo sapiens oxidized low-density lipoprotein receptor mRNA, complete cds//0.17:338:60//Hs.77729:AB010710
 F-HEMBA1002328//ESTs//7.9e-103:480:99//Hs.123318:AI201982

- F-HEMBA1002337//Human mRNA for KIAA0118 gene, partial cds//0.93:220:61//Hs.154326:D42087
 F-HEMBA1002341//Homo sapiens mRNA for KIAA0771 protein, partial cds//7.8e-187:872:98//Hs.6162:AB018314
 F-HEMBA10023481//EST//1.0e-19:285:70//Ms.121860:AA776692
 F-HEMBA1002349//EST//0.011:385:59//Hs.148533:AI200996
 5 F-HEMBA1002363//Homo sapiens chromosome-associated protein-E (hCAP-E) mRNA, complete cds//2.4e-189:872:99//Hs.119023:AF092563
 F-HEMBA1002381//EST//7.9e-34:236:77//Hs.162197:AA535216
 F-HEMBA1002389//ESTs//4.3e-59:342:92//Hs.133391:AA535144
 F-HEMBA1002417//Homo sapiens chromosome 19, cosmid R28784//2.2e-159:775:97//Hs.25527:AC005954
 10 F-HEMBA1002419//EST, Moderately similar to ROD CGMP-SPECIFIC 3',5'-CYCLIC PHOSPHODIESTERASE BETA-SUBUNIT [H.sapiens]//1.0:144:65//Hs.136096:W27141
 F-HEMBA1002430//Human clone 23695 mRNA sequence//2.7e-06:563:59//Hs.90798:U79289
 F-HEMBA1002439//EST, Weakly similar to LINE-1 REVERSE TRANSCRIPTASE HOMOLOG [H.sapiens]//0.11:111:67//Hs.162154:AA528561
 15 F-HEMBA1002458//ESTs, Weakly similar to hypothetical protein B, 6.8K [H.sapiens]//1.3e-71:346:98//Hs.136121:W26490
 F-HEMBA1002460//ESTs//2.1e-94:484:96//Hs.106441:R53160
 F-HEMBA1002462//Homo sapiens N-methyl-D-aspartate receptor 2D subunit precursor (NMDAR2D) mRNA, complete cds//0.00024:240:64//Hs.113286:U77783
 20 F-HEMBA1002469//Human mRNA for KIAA0122 gene, partial cds//1.3e-109:603:92//Hs.154583:D50912
 F-HEMBA1002475//RYANODINE RECEPTOR, SKELETAL MUSCLE//0.025:261:63//Hs.89631:U48508
 F-HEMBA1002477//Homo sapiens mRNA for KIAA0561 protein, partial cds//2.8e-45:331:83//Hs.6189:AB011133
 F-HEMBA1002486//EST//0.00039:174:67//Hs.96680:AA303235
 F-HEMBA1002495
 25 F-HEMBA1002498//ESTs//1.2e-91:460:97//Hs.118327:W79161
 F-HEMBA1002503//H.sapiens mRNA for MACH-alpha-2 protein//4.8e-13:164:74//Hs.19949:X98173
 F-HEMBA1002508//Homo sapiens PYRIN (MEFV) mRNA, complete cds//6.1e-79:460:83//Hs.113283:AF018080
 F-HEMBA1002513//Homo sapiens mRNA for histone deacetylase-like protein (JM21)//9.0e-159:738:98//Hs.6764:AJ011972
 30 F-HEMBA1002515//ESTs//3.6e-08:185:69//Hs.118701:AA420795
 F-HEMBA1002538//ESTs//0.97:68:73//Hs.134672:AI087951
 F-HEMBA1002542//Homo sapiens mRNA for chemokine LEC precursor, complete cds//6.1e-46:238:87//Hs.10458:AF088219
 F-HEMBA1002547//Homo sapiens agrin precursor mRNA, partial cds//1.1e-138:655:98//Hs.68900:AF016903
 35 F-HEMBA1002552//Human Hep27 protein mRNA, complete cds//2.8e-08:173:68//Hs.102137:U31875
 F-HEMBA1002555//Homo sapiens mRNA for APC 2 protein, complete cds//0.00020:603:57//Hs.20912:AB012162
 F-HEMBA1002558//ESTs//6.0e-25:262:77//Hs.136304:AA431205
 F-HEMBA1002561//Human clone 23574 mRNA sequence//4.7e-17:268:72//Hs.79385:U90905
 F-HEMBA1002569//Homo sapiens protein associated with Myc mRNA, complete cds//4.3e-142:457:99//Hs.151411:AF075587
 40 F-HEMBA1002583//Homo sapiens UKLF mRNA for ubiquitous Kruppel like factor, complete cds//2.8e-30:156:100//Hs.32170:AB015132
 F-HEMBA1002590//ESTs//1.0e-30:277:77//Hs.139158:AA226159
 F-HEMBA1002592//ESTs//2.4e-20:233:75//Hs.159329:AI378363
 45 F-HEMBA1002609//Homo sapiens mRNA for KIAA0597 protein, partial cds//1.4e-176:820:99//Hs.20141:AB011169
 F-HEMBA1002621//EST//0.99:208:60//Hs.159127:AI384013
 F-HEMBA1002624//Homo sapiens mRNA for KIAA0808 protein, complete cds//9.2e-189:632:97//Hs.91338:AB018351
 50 F-HEMBA1002628//Human mRNA for KIAA0336 gene, complete cds//0.079:231:65//Hs.125129:AB002334
 F-HEMBA1002629//Human density enhanced phosphatase 1 mRNA, complete cds//1.3e-07:473:61//Hs.1177:U10886
 F-HEMBA1002645//ESTs//2.6e-32:209:88//Hs.141323:N80390
 F-HEMBA1002651
 55 F-HEMBA1002659//Human vascular endothelial growth factor related protein VRP mRNA, complete cds//0.74:223:60//Hs.79141:U43142
 F-HEMBA1002661//Human Line-1 repeat mRNA with 2 open reading frames//1.4e-122:781:85//Hs.23094:M19503

- F-HEMBA1002666//ESTs//0.39:117:65//Hs.3794:T08497
 F-HEMBA1002678//EST//0.0081:148:64//Hs.156768:AI351368
 F-HEMBA1002679//Cyclic nucleotide gated channel (photoreceptor), cGMP gated 1 (alpha)//0.00096:418:61//Hs.1323:S42457
- 5 F-HEMBA1002688//Homo sapiens hyperpolarization-activated channel 1 (IH1) mRNA, partial cds//1.8e-11:541:601//Hs.124161:AF065164
 F-HEMBA10026961//Homo sapiens DNA from chromosome 19, cosmid R29144//1.9e-06:345:61//Hs.155647:AC004221
- 10 F-HEMBA1002703//Homo sapiens mRNA for KIAA0455 protein, complete cds//6.0e-12:327:62//Hs.13245:AB007924
 F-HEMBA1002712
 F-HEMBA1002716//EST//1.2e-56:284:97//Hs.131329:AA922800
 F-HEMBA1002728//Homo sapiens mRNA for KIAA0621 protein, partial cds//3.7e-127:614:97//Hs.132942:AB014521
- 15 F-HEMBA1002730//Homo sapiens microsomal glutathione S-transferase 3 (MGST3) mRNA, complete cds//0.21:157:66//Hs.111811 :AB007867
 F-HEMBA1002742//EST//0.97:138:60//Hs.160545:71596
 F-HEMBA1002746//Human HOX4C mRNA for a homeobox protein//0.72:347:58//Hs.74061:X59372
 F-HEMBA1002748//ESTs, Weakly similar to C27H6.5 [C.elegans]//0.24:83:74//Hs.40806:AA018786
- 20 F-HEMBA1002750//ESTs//5.8e-37:185:76//Hs.140577:AA827817
 F-HEMBA1002768//Homo sapiens mRNA for KIAA0554 protein, partial cds//2.9e-178:834:98//Hs.74750:AB011126
 F-HEMBA1002770//ESTs, Highly similar to TIP120 [R.norvegicus]//8.0e-98:492:96//Hs.11833:AI299947
 F-HEMBA1002777//Homo sapiens prostate apoptosis response protein par-4 mRNA, complete cds//3.9e-05:528:59//Hs.128208:U63809
- 25 F-HEMBA1002779//ESTs//8.1e-134:662:96//Hs.107295:W80392
 F-HEMBA1002780//ESTs//3.8e-41:421:74//Hs.141576:N90326
 F-HEMBA1002794//Protein kinase C, mu//4.8e-06:244:67//Hs.2891:X75756
 F-HEMBA1002801//ESTs//2.1e-24:182:87//Hs.124633:AA856938
- 30 F-HEMBA1002810//Homo sapiens formin binding protein 21 mRNA, complete cds//3.4e-169:820:97//Hs.28307:AF071185
 F-HEMBA1002816//ESTs//2.5e-91:387:94//Hs.8008:R52744
 F-HEMBA1002818//Homo sapiens UPH1 (UPH1) mRNA, complete cds//7.0e-122:733:89//Hs.6059:AF093119
 F-HEMBA1002826//ESTs//0.00015:235:62//Hs.119383:M279904
- 35 F-HEMBA1002833
 F-HEMBA1002850//EST//0.0014:201:65//Hs.156235:AA770550
 F-HEMBA1002863//ESTs//1.2e-50:295:91//Hs.57980:W68823
 F-HEMBA1002876//ESTs, Weakly similar to HYPOTHETICAL 26.4 KD PROTEIN EEED8.8 IN CHROMOSOME II [C.elegans]//4.9e-18:110:94//Hs.13322:AA151730
- 40 F-HEMBA1002886//EST//0.99:184:65//Hs.160684:AE79429
 F-HEMBA1002896//ESTs//2.1e-11:72:100//Hs.149215:AI051679
 F-HEMBA1002921
 F-HEMBA1002924//EST//3.7e-05:291:64//Hs.134677:AI088001
 F-HEMBA1002934//ESTs//2.3e-42:324:80//Hs.141658:N77915
- 45 F-HEMBA1002935//Homo sapiens mRNA for KIAA0576 protein, partial cds//1.6e-174:803:99//Hs.14687:AB011148
 F-HEMBA1002937//ESTs, Weakly similar to homologous to mouse gene PC326:GenBank Accession Number M95564 [H.sapiens]//8.1e-36:256:85//Hs.36899:AA130053
 F-HEMBA1002939//H.sapiens mRNA for cytokine inducible nuclear protein//1.1e-05:479:59//Hs.74019:X83703
- 50 F-HEMBA1002944//Human putative endothelin receptor type B-like protein mRNA, complete cds//0.83:326:58//Hs.27747:U87460
 F-HEMBA1002951//ESTs//6.1e-08:137:70//Hs.26762:AA913925
 F-HEMBA1002954//ESTs//9.3e-39:249:89//Hs.146185:R19099
 F-HEMBA1002968//ESTs//0.73:142:64//Hs.136371:AA506092
- 55 F-HEMBA1002970//EST//2.9e-10:103:82//Hs.162580:AA593828
 F-HEMBA1002971//ESTs//3.5e-21:190:81//Hs.61170:AA454219
 F-HEMBA1002973//Phosphodiesterase 4B, cAMP-specific (dunce (Drosophila)-homolog phosphodiesterase E4) //1.5e-37:247:89//Hs.188:L20971

- F-HEMBA1002997//Homo sapiens chromosome-associated protein-C (hCAP-C) mRNA, partial cds//1.7e-05:797:58//Hs.50758:AF092564
- F-HEMBA1002999//EST//9.9e-38:453:70//Hs.161635:W22525
- F-HEMBA1003021//Small inducible cytokine A5 (RANTES)//4.6e-49:373:81//Hs.155464:AF088219
- 5 F-HEMBA1003033//ESTs//5.0e-64:340:95//Hs.154270:N26486
- F-HEMBA1003034//Homo sapiens PYRIN (MEFV) mRNA, complete cds//7.4e-70:330:78//Hs.113283:AF018080
- F-HEMBA1003035//Homo sapiens mRNA for testican-3//0.041:623:57//Hs.159425:AJ001454
- F-HEMBA1003037//EST//0.53:59:74//Hs.148011:M268003
- F-HEMBA1003041//ESTs, Weakly similar to F58G11.6 [C.elegans]//1.7e-64:337:95//Hs.I05907:AA186514
- 10 F-HEMBA1003046//Homo sapiens mitochondrial processing peptidase beta-subunit mRNA, complete cds//3.2e-166:777:98//Hs.44097:AF054182
- F-HEMBA1003064//ESTs//3.2e-07:320:65//Hs.23466:AI223438
- F-HEMBA1003067
- F-HEMBA1003071//Homo sapiens hyperpolarization-activated channel 1 (IH1) mRNA, partial cds//1.5e-15:611:59//Hs.124161:AF065164
- 15 F-HEMBA1003077//Homo sapiens KIAA0405 mRNA, complete cds//2.2e-29:542:62//Hs.48998:AB007865
- F-HEMBA1003078//CYTOCHROME P450 IVF3//2.0e-29:452:67//Hs.106242:AB002454
- F-HEMBA1003079//EST//2.0e-20:273:73//Hs.138001:AI034461
- F-HEMBA1003083//EST//2.0e-48:314:86//Hs.149580:AI281881
- 20 F-HEMBA1003086//ESTs//2.6e-20:237:73//Hs.129331:AI090721
- F-HEMBA1003096//ESTs, Weakly similar to HMG-box transcription factor [M.musculus]//0.98:216:61//Hs.97865:AA405872
- F-HEMBA1003098//EST//2.9e-19:239:73//Hs.152366:AA486721
- F-HEMBA1003117//H.sapiens ERF-2 mRNA//0.0048:447:59//Hs.78909:U07802
- 25 F-HEMBA1003129//Homo sapiens clone 24407 mRNA sequence//1.9e-06:507:58//Hs.12432:AF070575
- F-HEMBA1003133//Homo sapiens mRNA for KIAA0771 protein, partial cds//0.038:288:63//Hs.6162:AB018314
- F-HEMBA1003136
- F-HEMBA1003142//ESTs//3.6e-112:526:99//Hs.55982:AA284279
- F-HEMBA1003148//Homo sapiens mRNA for dachshund protein//2.2e-184:850:99//Hs.63931:AJ005670
- 30 F-HEMBA1003166//Homo sapiens mRNA for KIAA0688 protein, complete cds//1.1e-24:171:83//Hs.I41874:AB014588
- F-HEMBA1003175//EST//0.91:168:60//Hs.123335:AA810740
- F-HEMBA1003179//EST, Weakly similar to hypothetical protein in purB 5' region [E.coli]//4.7e-20:118:97//Hs.II8831:AA211895
- 35 F-HEMBA1003197//ESTs//0.049:265:58//Hs.153718:AI215523
- F-HEMBA1003199//SOX-3 PROTEIN//0.00034:383:60//Hs.157429:X71135
- F-HEMBA1003202//ESTs//7.1e-84:408:98//Hs.130134:AA905412
- F-HEMBA1003204//Homo sapiens PYRIN (MEFV) mRNA, complete cds//4.6e-33:154:85//Hs.113283:AF018080
- F-HEMBA1003212//ESTs//1.0e-31:159:84//Hs.134067:AI076765
- 40 F-HEMBA1003220//EST//8.6e-29:317:73//Hs.150552:AI053784
- F-HEMBA1003222//ESTs//0.77:208:62//Hs.85451:AA181310
- F-HEMBA1003229//EST//0.084:233:60//Hs.98176:AA417012
- F-HEMBA1003235//Homo sapiens antigen NY-CO-16 mRNA, complete cds//0.00054:432:58//Hs.I32206:AF039694
- 45 F-HEMBA1003250
- F-HEMBA1003257//Homo sapiens fibroblast growth factor 18 (FGF18) mRNA, complete cds//4.3e-08:426:64//Hs.49585:AF075292
- F-HEMBA1003273//EST//0.00078:195:65//Hs.158019:AA867991
- F-HEMBA1003276//EST//6.6e-09:159:74//Hs.162664:AA605020
- 50 F-HEMBA1003278//ESTs//0.89:257:63//Hs.23207:R42864
- F-HEMBA1003281//ESTs//2.6e-33:175:98//Hs.122278:AA781867
- F-HEMBA1003286//Homo sapiens chromosome 3q13 beta-1,4-galactosyltransferase mRNA, complete cds//2.9e-146:539:97//Hs.13225:AF038662
- F-HEMBA1003291//Homo sapiens mRNA for KIAA0537 protein, complete cds//1.6e-167:799:98//Hs.12836:AB011109
- 55 F-HEMBA1003296//EST//0.0013:49:97//Hs.137157:R44912
- F-HEMBA1003304//ESTs//0.047:164:64//Hs.94448:AA770160
- F-HEMBA1003309//ESTs//7.8e-123:589:98//Hs.I05486:AA521012

F-HEMBA1003314//Homo sapiens mRNA for leucine zipper bearing kinase, complete cds//1.5e-189:865:99//Hs.124224:AB001872
 F-HEMBA1003322//H.sapiens mRNA for sigma 3B protein//4.5e-49:399:80//Hs.154782:X99459
 F-HEMBA1003327//EST//7.7e-10:165:72//Hs.114826:AA056254
 5 F-HEMBA1003328//EST//0.00023:128:67//Hs.126467:AA913328
 F-HEMBA1003330
 F-HEMBA1003348//Human mRNA for KIAA0331 gene, complete cds//4.8e-26:256:78//Hs.146395:AB002329
 F-HEMBA1003369//Homo sapiens DNA from chromosome 19p13.2 cosmid R31240, R30272 and R28549 containing the EKLf, GCDH, CRTc, and RAD23A genes, genomic sequence//0.37:187:65//Hs.80265:AD000092
 10 F-HEMBA1003370//ESTs//8.2e-36:196:79//Hs.139158:AA226159
 F-HEMBA1003373//ESTs//1.0:195:61//Hs.127307:AI263819
 F-HEMBA1003376//Clathrin, light polypeptide (Lcb)//2.3e-29:606:64//Hs.73919:X81637
 F-HEMBA1003380//ESTs//2.5e-21:303:70//Hs.37528:H58017
 F-HEMBA1003384//ESTs//0.14:281:61//Hs.159650:N95552
 15 F-HEMBA1003395//ESTs//0.53:121:70//Hs.144873:AI202488
 F-HEMBA1003402//EST//0.029:148:66//Hs.116798:AA633813
 F-HEMBA1003403//Adducin 2 (beta) {alternative products }//5.0e-05:445:61//Hs.90951:U43959
 F-HEMBA1003408//ESTs//9.0e-12:87:98//Hs.70266:Z78309
 F-HEMBA1003417//Glutamate-cysteine ligase (gamma-glutamylcysteine synthetase), regulatory (30.8kD)//9.5e-05:541:58//Hs.89709:L35546
 20 F-HEMBA1003418//ESTs//3.5e-85:399:100//Hs.154489:AA564962
 F-HEMBA1003433//Homo sapiens nibrin (NBS) mRNA, complete cds//2.0e-149:686:99//Hs.25812:AF058696
 F-HEMBA1003447//Human mRNA for KIAA0380 gene, complete cds//0.43:271:60//Hs.47822:AB002378
 F-HEMBA1003461//Glycoprotein Ib (platelet), beta polypeptide//4.8e-08:775:58//Hs.3847:U59632
 25 F-HEMBA1003463//ESTs//3.3e-22:121:99//Hs.130847:AA058578
 F-HEMBA1003480//Homo sapiens mRNA for KIAA0700 protein, partial cds//0.16:321:60//Hs.13999:AB014600
 F-HEMBA1003528//ESTs//3.8e-53:315:91//Hs.129688:AA057443
 F-HEMBA1003531//Human mRNA for KIAA0033 gene, partial cds//4.9e-51:451:78//Hs.22271:D26067
 F-HEMBA1003538//ESTs//1.2e-82:415:96//Hs.162075:AI392811
 30 F-HEMBA1003545//ISL1 transcription factor, LIM/homeodomain, (islet-1)//5.0e-75:736:73//Hs.505:U07559
 F-HEMBA1003548//ESTs//8.7e-77:411:95//Hs.163443:R23311
 F-HEMBA1003555//Human nucleotide-binding protein mRNA, complete cds//3.6e-33:562:64//Hs.81469:U01833
 F-HEMBA1003556
 F-HEMBA1003560//EST//3.7e-29:202:86//Hs.136858:AA767122
 35 F-HEMBA1003568//ESTs//2.4e-06:214:65//Hs.143371:AI342327
 F-HEMBA1003569//Human metastasis-associated mtal mRNA, complete cds//2.0e-58:455:66//Hs.101448:U35113
 F-HEMBA1003571//ESTs//0.0025:198:63//Hs.116448:AA648972
 F-HEMBA1003579//ESTs//6.0e-110:513:99//Hs.97372:AA398546
 40 F-HEMBA1003581//ESTs, Highly similar to TALIN [Mus musculus]//3.6e-19:108:99//Hs.18420:AA599232
 F-HEMBA1003591//ESTs, Weakly similar to R74.5 [C.elegans]//5.2e-85:487:92//Hs.57937:W68285
 F-HEMBA1003595//Membrane cofactor protein (CD46, trophoblast-lymphocyte cross-reactive antigen)//2.8e-06:439:62//Hs.83532:X59405
 F-HEMBA1003597//ESTs//0.0025:200:64//Hs.8473:T40827
 45 F-HEMBA1003598//ESTs//0.18:187:63//Hs.98641:AA429916
 F-HEMBA1003615//ESTs, Highly similar to phosphorylation regulatory protein HP-10 [H.sapiens]//2.4e-133:644:97//Hs.3566:AA314782
 F-HEMBA1003617//Homa sapiens mRNA for HRIHFB2157, partial cds//7.9e-171:501:97//Hs.124956:AB015344
 F-HEMBA1003621//Homo sapiens protein inhibitor of activated STAT protein PIASx-alpha mRNA, complete cds//4.4e-16:161:78//Hs.111323:AF077954
 50 F-HEMBA1003622//EST//0.0085:251:62//Hs.97343:AA401750
 F-HEMBA1003630//ESTs//7.5e-05:304:61//Hs.87131:AA233159
 F-HEMBA1003637//Homo sapiens homolog of the Aspergillus nidulans sudD gene product mRNA, complete cds//7.9e-26:546:63//Hs.109901:AF013591
 55 F-HEMBA1003640//ESTs//1.1e-11:267:661//Hs.34359:AI122791
 F-HEMBA1003645
 F-HEMBA1003646
 F-HEMBA1003656

- F-HEMBA1003662
 F-HEMBA1003667//ESTs//1.5e-27:235:81//Hs.55855:AA621381
 F-HEMBA1003679//ESTs//4.3e-49:251:97//Hs.152811:AA630906
 F-HEMBA1003680//Human plectin (PLEC1) mRNA, complete cds//3.4e-06:464:61//Hs.79706:U53204
 5 F-HEMBA1003684//ESTs, Weakly similar to zinc finger protein C2H2-171 [H.sapiens]//1.6e-100:478:98//Hs.118866:AI017072
 F-HEMBA1003690//Homo sapiens mRNA for KIAA0600 protein, partial cds//9.5e-74:606:77//Hs.9028:AF039691
 F-HEMBA1003692//ESTs//4.2e-43:252:92//Hs.39748:AA487187
 F-HEMBA1003711//Homo sapiens mRNA for KIAA0544 protein, partial cds//0.81:254:62//Hs.32316:AB011116
 10 F-HEMBA1003714//ESTs//6.4e-98:495:95//Hs.43846:N49995
 F-HEMBA1003715//ESTs//1.3e-11:228:69//Hs.101237:AA708760
 F-HEMBA1003720//Homo sapiens clone 23892 mRNA sequence//5.5e-45:692:68//Hs.91916:AF035317
 F-HEMBA1003725//EST//2.5e-46:228:100//Hs.160069:AA926921
 F-HEMBA1003729//ESTs//4.1e-48:253:96//Hs.26270:AA258839
 15 F-HEMBA1003733//Human Line-1 repeat mRNA with 2 open reading frames//8.6e-102:753:81//Hs.23094:M19503
 F-HEMBA1003742//Homo sapiens chromosome 19, cosmid
 R31180//0.16:242:62//Hs.153325:AC005390
 F-HEMBA1003758//ESTs//9.3e-12:408:61//Hs.148459:AI198946
 20 F-HEMBA1003760//Homo sapiens clone 23698 mRNA sequence//9.7e-35:430:69//Hs.8136:U81984
 F-HEMBA1003773//EST//0.76:191:61//Hs.127020:AA934920
 F-HEMBA1003783//ESTs, Weakly similar to C01H6.7 [C.elegans]//1.7e-24:224:81//Hs.18171:AA524327
 F-HEMBA1003784//ESTs//0.13:120:67//Hs.161993:AA503172
 F-HEMBA1003799//Interleukin 9 receptor//2.0e-17:263:70//Hs.1702:L39064
 25 F-HEMBA1003803//Homo sapiens calcium-activated potassium channel (KCNN3) mRNA, complete cds//0.13:222:61//Hs.89230:AF031815
 F-HEMBA1003804//ESTs//1.4e-112:275:98//Hs.72132:AF039239
 F-HEMBA1003805//Human p62 mRNA, complete cds//1.1e-11:523:60//Hs.119537:M88108
 F-HEMBA1003807//ESTs//4.1e-08:279:68//Hs.115679:AI379721
 30 F-HEMBA1003827//Homo sapiens mRNA for KIAA0616 protein, partial cds//3.3e-85:586:87//Hs.6051:AB014516
 F-HEMBA1003836//EST//6.8e-06:98:74//Hs.145447:AI204220
 F-HEMBA1003838//ESTs, Moderately similar to !!!! ALU SUBFAMILY SC WARNING ENTRY !!!! [H.sapiens]//3.8e-40:151:88//Hs.139007:H74314
 F-HEMBA1003856//ESTs//8.6e-53286:95//Hs.116645:AI005167
 35 F-HEMBA1003864//Human mRNA for KIAA0369 gene, complete cds//0.11:144:66//Hs.21355:AB002367
 F-HEMBA1003866//Homo sapiens semaphorin F homolog mRNA, complete cds//4.3e-30:580:63//Hs.27621:U52840
 F-HEMBA1003879//Nuclear cap binding protein, 80kD//6.7e-10:87:95//Hs.89563:D32002
 F-HEMBA1003880
 40 F-HEMBA1003885//Homo sapiens mRNA for KIAA0752 protein, partial cds//4.2e-18:302:67//Hs.23711:AB018295
 F-HEMBA1003893//ESTs, Weakly similar to HYPOTHETICAL 27.8 KD PROTEIN IN VMA7-RPS31A INTERGENIC REGION [S.cerevisiae]//1.2e-49:295:92//Hs.114673:W72675
 F-HEMBA1003902//ESTs//1.1e-11:165:74//Hs.54632:AA976236
 F-HEMBA1003908//Homo sapiens mRNA for KIAA0525 protein, partial cds//0.081:345:58//Hs.78494:AB011097
 45 F-HEMBA1003926//EST//2.5e-32:253:83//Hs.132635:AI032875
 F-HEMBA1003937//Human mRNA for KIAA0391 gene, complete cds//2.9e-38:313:69//Hs.154668:AB002389
 F-HEMBA1003939//ESTs//3.4e-07:150:71//Hs.148926:R59562
 F-HEMBA1003942//EST, Weakly similar to 24 KD PROTEIN [Xenopus laevis]//0.0029:222:61//Hs.144236:W52380
 F-HEMBA1003950//ESTs//0.98:200:62//Hs.163912:W20055
 50 F-HEMBA1003953//Zinc finger protein 7 (KOX 4, clone HF.16)//0.00014:271:66//Hs.2076:M29580
 F-HEMBA1003958//ESTs, Moderately similar to !!!! ALU SUBFAMILY J WARNING ENTRY !!!! [H.sapiens]//2.1e-44:243:76//Hs.91146:N73230
 F-HEMBA1003959//ESTs//0.067:251:59//Hs.39915:H78567
 F-HEMBA1003976//EST//6.7e-09:109:81//Hs.154635:AI138965
 55 F-HEMBA1003978
 F-HEMBA1003985//EST//0.32:115:69//Hs.102617:N47009
 F-HEMBA1003987//ESTs//7.8e-07:60:100//Hs.66058:AA424456
 F-HEMBA1003989//Homo sapiens HIV-1 inducer of short transcripts binding protein (FBI1) mRNA, complete cds//

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0.022:349:58//Hs.104640:AF000561
 F-HEMBA1004000//EST//7.2e-07:200:66//Hs.119082:AA358468
 F-HEMBA1004011//EST//0.019:241:62//Hs.116989:AA676493
 F-HEMBA1004012//ESTs//3.6e-09:177:68//Hs.106132:AA812573
 5 F-HEMBA1004015//ESTs//3.0e-86:407:99//Hs.115679:AI379721
 F-HEMBA1004024//Homo sapiens mRNA for KIAA0772 protein, complete cds//5.2e-51:359:84//Hs.15519:AB018315
 F-HEMBA1004038//ESTs//1.2e-58:324:94//Hs.61658:AI239930
 F-HEMBA1004042//EST//0.00088:272:6//Hs.155763:AI312281
 10 F-HEMBA1004045//EST//2.7e-20:408:66//Hs.162529:AA584160
 F-HEMBA1004048//Transforming growth factor beta//0.026:462:57//Hs.6101:M60315
 F-HEMBA1004049//ESTs//8.1e-68:430:86//Hs.146307:AA584638
 F-HEMBA1004055//Human chromosome 3p21.1 gene sequence//1.5e-10:457:58//Hs.82837:L13435
 F-HEMBA1004056//Homo sapiens mRNA for alpha(1,2)fucosyltransferase, complete cds//1.5e-46:199:80//Hs.46328:D87942
 15 F-HEMBA1004074//ESTs//3.0e-23:219:74//Hs.70279:AA757426
 F-HEMBA1004086//EST//0.36:189:62//Hs.156218:AA770107
 F-HEMBA1004097//NADH-CYTOCHROME B5 REDUCTASE//1.0:302:57//Hs.75666:M28713
 F-HEMBA1004111//Human G protein-coupled receptor (STRL22) mRNA, complete cds//4.3e-39:335:79//Hs.46468:U45984
 20 F-HEMBA1004131//Human mRNA for KIAA0202 gene, partial cds//1.9e-24:610:61//Hs.80712:D86957
 F-HEMBA1004132//EST//3.5e-06:143:70//Hs.136799:AA780064
 F-HEMBA1004133//ESTs//1.0:157:68//Hs.161226:AI419759
 F-HEMBA1004138//H.sapiens mRNA for RanGTPase activating protein 1//0.00055:343:62//Hs.5923:X82260
 25 F-HEMBA1004143
 F-HEMBA1004146
 F-HEMBA1004150//EST//0.0046:402:57//Hs.147027:AI186056
 F-HEMBA1004164//Homo sapiens mRNA for KIAA0798 protein, complete cds//1.8e-15:591:60//Hs.159277:AB018341
 30 F-HEMBA1004168//Homo sapiens geminin mRNA, complete cds//1.5e-134:649:97//Hs.59988:AF067855
 F-HEMBA1004199
 F-HEMBA1004200//ESTs//0.0083:150:66//Hs.116424:AI375427
 F-HEMBA1004202//ESTs, Weakly similar to GTP-BINDING PROTEIN YPTM1 [Zea mays]//1.2e-35:205:94//Hs.10092:AI189282
 35 F-HEMBA1004203//ESTs//3.9e-14:237:70//Hs.118273:AA626040
 F-HEMBA1004207//Leptin receptor//1.1e-167:791:98//Hs.54515:U50748
 F-HEMBA1004225//ESTs//0.00087:231:64//Hs.13109:AA192514
 F-HEMBA1004227//ESTs, Weakly similar to F55A11.4 [C.elegans]//0.012:156:67//Hs.163588:AI073878
 F-HEMBA1004238
 40 F-HEMBA1004241//ESTs//8.7e-05:51:96//Hs.162826:AA679571
 F-HEMBA1004246//EST//1.2e-36:198:96//Hs.121343:AA758522
 F-HEMBA1004248//Homo sapiens insulin induced protein 1 (INSIG1) gene, complete cds//1.1e-28:295:72//Hs.56205:U96876
 F-HEMBA1004264//Human HCF1 gene related mRNA sequence//3.1e-07:553:60//Hs.83634:U52112
 45 F-HEMBA1004267//Homo sapiens mRNA for KIAA0688 protein, complete cds//4.9e-73:490:77//Hs.141874:AB014588
 F-HEMBA1004272
 F-HEMBA1004274//EST//0.43:154:61//Hs.125347:AA876444
 F-HEMBA1004275//Human mRNA for KIAA0333 gene, partial cds//0.71:118:65//Hs.155313:AB002331
 50 F-HEMBA1004276//Homo sapiens mRNA for KIAA0800 protein, complete cds//1.0:364:56//Hs.118738:AB018343
 F-HEMBA1004286//Homo sapiens TGF beta receptor associated protein-1 mRNA, complete cds//6.9e-187:868:99//Hs.101766:AF022795
 F-HEMBA1004289
 F-HEMBA1004295//EST//0.20:149:62//Hs.162415:AA573484
 55 F-HEMBA1004306//ESTs//0.041:177:64//Hs.158234:AI270047
 F-HEMBA1004312//ESTs//0.83:253:59//Hs.121898:AI336314
 F-HEMBA1004321//Zinc finger protein 136 (clone pHZ-20)//2.3e-40:452:65//Hs.69740:U09367
 F-HEMBA1004323//EST//0.44:134:64//Hs.145464:AI204532

- F-HEMBA1004327//Homo sapiens SOX22 protein (SOX22) mRNA, complete cds//0.017:209:64//Hs.43627:U35612
 F-HEMBA1004330//ESTs//4.5e-27:171:91//Hs.112838:AA614062
 F-HEMBA1004334//EST//2.4e-53:556:75//Hs.139093:AA166888
 5 F-HEMBA1004335//Homo sapiens mRNA for KIAA0706 protein, complete cds//0.49:80:73//Hs.139648:AB014606
 F-HEMBA1004341
 F-HEMBA1004353//Homo sapiens mRNA for c-myc binding protein, complete cds//2.7e-39:270:86//Hs.80686:D89667
 F-HEMBA1004354//Human CHL1 potential helicase (CHLR1), complete cds//1.3e-46:190:92//Hs.27424:U75968
 10 F-HEMBA1004356//Thyrotropin-releasing hormone receptor//0.15:296:62//Hs.3022:D85376
 F-HEMBA1004366//ESTs, Weakly similar to transposon LRE2 reverse transcriptase homolog [H.sapiens]//7.8e-10:396:61//Hs.33688:AA020928
 F-HEMBA1004372//ESTs//0.90:172:62//Hs.145611:R68800
 F-HEMBA1004389//Zinc finger protein 148 (pHZ-52)//8.0e-28:359:67//Hs.112180:AF039019
 15 F-HEMBA1004394//ESTs//0.023:357:58//Hs.47212:N51250
 F-HEMBA1004396//EST//3.4e-22:244:74//Hs.162554:AA584818
 F-HEMBA1004405//EST//4.0e-43:214:100//Hs.33100:H42199
 F-HEMBA1004408//ESTs, Weakly similar to The ha1539 protein is related to cyclophilin. [H.sapiens]//1.4e-20:144:88//Hs.121076:A1246426
 20 F-HEMBA1004429//Fucosyltransferase 1 (galactoside 2-alpha-L-fucosyltransferase, Bombay phenotype included)//4.8e-18:248:72//Hs.69747:M35531
 F-HEMBA1004433//Small inducible cytokine A5 (RANTES)//8.2e-39:248:81//Hs.155464:AF088219
 F-HEMBA1004460//Homo sapiens PYRIN (MEFV) mRNA, complete cds//5.6e-87:650:81//Hs.113283:AF018080
 F-HEMBA1004461//ESTs//0.057:217:61//Hs.26989:Z41606
 25 F-HEMBA1004479//Homo sapiens clone 23698 mRNA sequence//4.9e-17:223:71//Hs.8136:U81984
 F-HEMBA1004482//EST//0.0056:261:59//Hs.45012:N39450
 F-HEMBA1004499//ESTs//4.1e-68:340:97//Hs.134266:AA992600
 F-HEMBA1004502//ESTs//7.7e-32:195:91//Hs.134906:H93431
 F-HEMBA1004506//Human Line-1 repeat mRNA with 2 open reading frames//9.0e-89:758:76//Hs.23094:M19503
 30 F-HEMBA1004507//ESTs, Weakly similar to T19B10.6 [C.elegans]//1.4e-61:296:99//Hs.114622:AA693492
 F-HEMBA1004509//Homo sapiens suppressor of white apricot homolog 2 (SWAP2) mRNA, complete cds//0.014:265:61//Hs.43543:AF042800
 F-HEMBA1004534//Filamin 1 (actin-binding protein-280)//5.0e-74:678:74//Hs.76279:X53416
 F-HEMBA1004538//EST//0.00047:268:58//Hs.136870:AA805381
 35 F-HEMBA1004542//Human butyrophilin protein (BT3.3) mRNA, partial cds//0.74:74:75//Hs.87497:U90552
 F-HEMBA1004554
 F-HEMBA1004560//ESTs//3.1e-19:240:73//Hs.112637:AA805331
 F-HEMBA1004573//EST//2.4e-59:290:99//Hs.112908:AA620802
 F-HEMBA1004577//ESTs, Weakly similar to UTR1 PROTEIN [S.cerevisiae]//1.2e-17:334:67//Hs.24536:AA479825
 40 F-HEMBA1004586//Von Hippel-Lindau syndrome//5.1 e-35:337:78//Hs.78160:AF010238
 F-HEMBA1004596//ESTs//3.3e-32:189:94//Hs.42530:N41661
 F-HEMBA1004604//Human hindlimb expressed homeobox protein backfoot (Bft) mRNA, complete cds//0.42:186:66//Hs.84136:1170370
 45 F-HEMBA1004610//ESTs, Moderately similar to !!!! ALU SUBFAMILY J WARNING ENTRY !!!! [H.sapiens]//2.3e-16:297:68//Hs.106008:AA147606
 F-HEMBA1004617//EST//0.027:188:61//Hs.159094:AI383198
 F-HEMBA1004629//ESTs//7.8e-09:348:63//Hs.138358:T66178
 F-HEMBA1004631//EST//0.0012:268:60//Hs.150685:AA923416
 50 F-HEMBA1004632//ESTs//0.82:125:67//Hs.143619:AI360891
 F-HEMBA1004637//ESTs//0.0034:229:64//Hs.157178:AI346780
 F-HEMBA1004638//ESTs//2.0e-11:166:71//Hs.128657:AI017522
 F-HEMBA1004666//EST//0.44:294:58//Hs.44780:N36083
 F-HEMBA1004669//ESTs//1.7e-28:200:86//Hs.8084:W22796
 55 F-HEMBA1004670//Mucin 1, transmembrane//0.060:416:57//Hs.89603:J05582
 F-HEMBA1004672//ESTs//0.27:44:95//Hs.86237:AA206141
 F-HEMBA1004693//ESTs//5.3e-55:301:95//Hs.159066:AI093252
 F-HEMBA1004697//H.sapiens mRNA for ribosomal protein L18a homologue//0.64:313:61//Hs.118578:X80821

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- F-HEMBA1004705//Homo sapiens KIAA0432 mRNA, complete cds//4.5e-19:230:73//Hs.155174:AB007892
- F-HEMBA1004709//ESTs//3.1e-31:176:88//Hs.152413:AA780515
- F-HEMBA1004711//Cholinergic receptor, nicotinic, delta polypeptide//1.0:244:57//Hs.99975:X55019
- F-HEMBA1004725//Homo sapiens agrin precursor mRNA, partial cds//0.24:328:60//Hs.68900:AF016903
- 5 F-HEMBA1004730//ESTs, Weakly similar to ORF2-like protein [H.sapiens]/5.9e-32:476:70//Hs.116874:AA524909
- F-HEMBA1004733//ESTs//3.8e-16:96:79//Hs.152413:AA780515
- F-HEMBA1004734//Human epidermoid carcinoma mRNA for ubiquitin-conjugating enzyme E2 similar to Drosophila bendless gene product, complete cds//0.16:329:58//Hs.75355:D83004
- 10 F-HEMBA1004736//Human Line-1 repeat mRNA with 2 open reading frames//2.0e-61:663:71//Hs.23094:M19503
- F-HEMBA1004748//ESTs//1.5e-05:343:63//Hs.42241:H96813
- F-HEMBA1004751//ESTs//3.7e-32:147:80//Hs.138788:N54504
- F-HEMBA1004752//Homo sapiens mRNA for KIAA0288 gene, complete cds//0.00020:521:59//Hs.91400:AB006626
- 15 F-HEMBA1004753//Homo sapiens DEC-205 mRNA, complete cds//5.1e-46:337:84//Hs.I53563:AF011333
- F-HEMBA1004756//Human transporter protein (g17) mRNA, complete cds//3.1e-24:416:65//Hs.76460:U49082
- F-HEMBA1004758//Homo sapiens transcription factor SL1 mRNA, complete cds//1.2e-136:769:91//Hs.153088:L39060
- F-HEMBA1004763//Loricrin//0.0018:227:62//Hs.I55657:M61120
- 20 F-HEMBA1004768//Human Line-1 repeat mRNA with 2 open reading frames//4.5e-115:909:78//Hs.23094:M19503
- F-HEMBA1004770//Human Rad50 (Rad50) mRNA, complete cds//0.020:728:57//Hs.41587:U63139
- F-HEMBA1004771
- F-HEMBA1004776//ESTs, Weakly similar to progesterone receptor-related protein p23 [H.sapiens]/1.0:158:63//Hs.62004:AF039235
- 25 F-HEMBA1004778//ESTs//1.2e-70:336:99//Hs.113052:AI222106
- F-HEMBA1004795
- F-HEMBA1004803//ESTs//5.0e-75:454:88//Hs.138632:H97952
- F-HEMBA1004806//EST//0.080:142:65//Hs.160268:AI148971
- 30 F-HEMBA1004807//Human HIV1 tata element modulatory factor mRNA sequence from chromosome 3//4.5e-48:171:92//Hs.134510:L01042
- F-HEMBA1004816//EST//1.0e-17:175:71//Hs.140680:AA873646
- F-HEMBA1004820//ESTs//1.3e-136:629:99//Hs.160726:AI300481
- F-HEMBA1004847//ESTs//2.1 e-09:66:98//Hs.158161:AA312511
- 35 F-HEMBA1004850//EST//0.033:253:64//Hs.158782:A376601
- F-HEMBA1004863//Homo sapiens mRNA for KIAA0578 protein, partial cds//0.83:179:62//Hs.22998:AB011150
- F-HEMBA1004864//ESTs, Weakly similar to ANON-66Db [D.melanogaster]/1.7e-13:81:100//Hs.75884:AA446987
- F-HEMBA1004865//ESTs//0.92:148:65//Hs.126980:AA934077
- 40 F-HEMBA1004880//H.sapiens mRNA for retrotransposon//1.2e-30:264:79//Hs.6940:Z48633
- F-HEMBA1004889//Growth arrest-specific 1//0.20:146:68//Hs.65029:L13698
- F-HEMBA1004900//ESTs//1.6e-32:196:93//Hs.132032:R85304
- F-HEMBA1004909//ESTs//3.4e-13:154:75//Hs.151467:N51106
- F-HEMBA1004918//EST//0.78:122:61//Hs.I45491:AI254348
- 45 F-HEMBA1004923//ELK1, member of ETS oncogene family//1.6e-40:340:79//Hs.116549:AL009172
- F-HEMBA1004929//Cardiac gap junction protein//0.0048:588:57//Hs.74471:X52947
- F-HEMBA1004930//ESTs//1.5e-17:227:74//Hs.148739:AI224959
- F-HEMBA1004933//Human pseudoautosomal homeodomain-containing protein (PHOG) mRNA, complete cds//0.11:182:65//Hs.105932:U89331
- 50 F-HEMBA1004934
- F-HEMBA1004944//EST//1.2e-67:349:96//Hs.162281:AA553981
- F-HEMBA1004954//ESTs//0.014:404:60//Hs.11177:AA417813
- F-HEMBA1004956//EST//2.3e-05:208:64//Hs.146958:AI174478
- F-HEMBA1004960//ESTs//0.79:169:62//Hs.11637:W03274
- 55 F-HEMBA1004972
- F-HEMBA1004973//Homo sapiens mRNA for KIAA0445 protein, complete cds//0.073:574:58//Hs.154139:AB007914
- F-HEMBA1004977//EST//4.4e-12:86:94//Hs.157819:AI361946

- F-HEMBA1004978//ESTs//0.097:337:60//Hs.114157:AA703013
 F-HEMBA1004980//EST//3.2e-10:169:65//Hs.149123:AI244750
 F-HEMBA1004983//EST//0.93:85:71//Hs.162267:AA553589
 F-HEMBA1004995//ESTs//0.46:296:61//Hs.135168:AI394026
 5 F-HEMBA1005008//ESTs//1.5e-20:156:85//Hs.114140:U35429
 F-HEMBA1005009//Homo sapiens chromosome 7q22 sequence//1.5e-52:379:72//Hs.151887:AF053356
 F-HEMBA1005019//Homo sapiens mRNA for KIAA0648 protein, partial cds//4.5e-148:693:98//Hs.31921:AB014548
 F-HEMBA1005029//Homo sapiens mRNA for KIAA0660 protein, complete cds//1.0:215:65//Hs.6727:AB014560
 10 F-HEMBA1005035//ESTs, Weakly similar to HYPOTHETICAL 82.8 KD PROTEIN B0303.4 IN CHROMOSOME III [C.elegans]//9.4e-106:503:98//Hs.21362:AF039237
 F-HEMBA1005039//Human kpni repeat mma (cdna clone pcd-kpni-8), 3' end//5.8e-60:272:89//Hs.103948:K00627
 F-HEMBA1005047//Homo sapiens MAD-related gene SMAD7 (SMAD7) mRNA, complete cds//0.078:442:59//Hs.100602:AF010193
 15 F-HEMBA1005050//H.sapiens ERF-2 mRNA//0.0025:251:63//Hs.78909:U07802
 F-HEMBA1005062//ESTs//0.020:268:59//Hs.146181:AI264462
 F-HEMBA1005066//Homo sapiens X-ray repair cross-complementing protein 2 (XRCC2) mRNA, complete cds//1.5e-59:411:85//Hs.129727:AF035587
 F-HEMBA1005075//Human mRNA for KIAA0383 gene, partial cds//0.00010:395:57//Hs.27590:AB002381
 20 F-HEMBA1005079//Dihydrolipoamide branched chain transacylase (E2 component of branched chain keto acid dehydrogenase complex)//3.5e-26:344:72//Hs.89479:X66785
 F-HEMBA1005083//Homo sapiens centrosomal Nek2-associated protein 1 (C-NAP1) mRNA, complete cds//0.59:631:59//Hs.27910:AF049105
 F-HEMBA1005101//Homo sapiens SYT interacting protein SIP mRNA, complete cds//4.1e-163:762:98//Hs.11170:
 25 AF080561
 F-HEMBA1005113//ESTs//0.52:109:68//Hs.106330:AI031916
 F-HEMBA1005123//Homo sapiens mRNA for KIAA0761 protein, partial cds//1.3e-52:468:78//Hs.93121:AB018304
 F-HEMBA1005133//ESTs//1.6e-27:366:73//Hs.151467:N51106
 F-HEMBA1005149//EST//3.3e-37:304:80//Hs.132635:AI032875
 30 F-HEMBA1005152//ESTs//3.9e-09:285:62//Hs.155876:AA593021
 F-HEMBA1005159//EST//8.4e-05:289:64//Hs.125563:AA884216
 F-HEMBA1005185//ESTs//1.4e-22:129:96//Hs.14920:AA910914
 F-HEMBA1005201//EST//4.0e-16:96:98//Hs.89002:AA282197
 F-HEMBA1005202
 35 F-HEMBA1005206//Homo sapiens sox1 gene//0.0079:431:58//Hs.144029:Y13436
 F-HEMBA1005219//ESTs//4.3e-47:299:88//Hs.5019:W26547
 F-HEMBA1005223//ESTs//0.00030:168:66//Hs.76487:N37081
 F-HEMBA1005232//EST//0.0078:209:61//Hs.46852:N48302
 F-HEMBA1005241//Homo sapiens neuronal thread protein AD7c-NTP mRNA, complete cds//6.0e-54:399:79//Hs.
 40 129735:AF010144
 F-HEMBA1005244//ESTs//2.5e-14:85:10011Hs.128744:AI191922
 F-HEMBA1005251//ESTs//0.012:49:95//Hs.161554:AA393896
 F-HEMBA1005252//Homo sapiens mRNA for KIAA0585 protein, partial cds//4.7e-151:705:98//Hs.72660:AB011157
 45 F-HEMBA1005274//ESTs//7.1e-09:298:64//Hs.145522:AI261380
 F-HEMBA1005275//ESTs//7.9e-13:375:63//Hs.148974:AA001777
 F-HEMBA1005293//Homo sapiens clone 23662 mRNA sequence//7.7e-22:338:65//Hs.12451:U97018
 F-HEMBA1005296//ESTs//0.055:299:60//Hs.86320:AI149232
 F-HEMBA1005304//Small inducible cytokine A5 (RANTES)//1.7e-45:322:85//Hs.155464:AF088219
 50 F-HEMBA1005311
 F-HEMBA1005314//ESTs//8.1e-39:199:98//Hs.119974:AI279516
 F-HEMBA1005315//ESTs//1.9e-07:266:64//Hs.141440:N21615
 F-HEMBA1005318//ESTs//5.3e-06:161:72//Hs.119411:AA937117
 F-HEMBA1005331//Human checkpoint suppressor 1 mRNA, complete cds//0.00075:310:63//Hs.111597:U68723
 55 F-HEMBA1005338//Homo sapiens mRNA for matrilin-4, partial//4.4e-153:740:97//Hs.29361:AJ007581
 F-HEMBA1005353//EST//5.4e-09:2:22:68//Hs.119508:AA485732
 F-HEMBA1005359//Zinc finger protein 137 (clone pHZ-30)//5.7e-100:500:88//Hs.151689:U09414
 F-HEMBA1005367//Homo sapiens melastatin 1 (MLSN1) mRNA, complete cds//2.5e-70:572:73//Hs.43265:

AF071787
 F-HEMBA1005372//ESTs//0.00045:163:66//Hs.164058:AI417905
 F-HEMBA1005374//Human melanoma antigen recognized by T-cells (MART-1) mRNA//6.1e-43:341:81//Hs.154069:U06452
 5 F-HEMBA1005382//EST//2.4e-32:167:99//Hs.147186:AI93053
 F-HEMBA1005389//ESTs//0.0021:245:59//Hs.104463:AA804448
 F-HEMBA1005394//ESTs, Weakly similar to No definition line found [C.elegans]//1.0e-130:620:98//Hs.108990:N25951
 F-HEMBA1005403//ESTs, Weakly similar to No definition line found [C.elegans]//7.7e-151:727:97//Hs.17118:AI033807
 10 F-HEMBA1005408//ESTs//3.2e-70:426:89//Hs.158078:H24513
 F-HEMBA1005410//EST//2.5e-25:460:67//Hs.138765:N70347
 F-HEMBA1005411
 F-HEMBA1005423//Homo sapiens cyclin-dependent kinase inhibitor (CDKN2C) mRNA, complete cds//3.3e-171:537:99//Hs.4854:AF041248
 15 F-HEMBA1005426//EST//1.0:148:64//Hs.44469:N33323
 F-HEMBA1005443//Zinc finger protein 157 (HZF22)//9.0e-34:259:72//Hs.89897:U28687
 F-HEMBA1005447//EST//3.9e-10:211:70//Hs.145960:AI276783
 F-HEMBA1005468//ESTs//8.4e-53:390:81//Hs.152395:AA533107
 20 F-HEMBA1005469//Human (clone E5.1) RNA-binding protein mRNA, complete cds//3.1e-29:155:99//Hs.75104:L37368
 F-HEMBA1005472//Human Line-1 repeat mRNA with 2 open reading frames//1.4e-88:481:92//Hs.23094:M19503
 F-HEMBA1005474//Small inducible cytokine A5 (RANTES)//4.2e-29:257:78//Hs.155464:AF088219
 F-HEMBA1005475//Homo sapiens antigen NY-CO-16 mRNA, complete cds//5.3e-09:414:60//Hs.132206:AF039694
 25 F-HEMBA1005497//Glucocorticoid receptor alpha { alternative products}//8.7e-41:588:69//Hs.102761:U25029
 F-HEMBA1005500//Homo sapiens PAC clone DJ1093017 from 7q11.23-q21//1.1e-28:318:73//Hs.159530:AC004957
 F-HEMBA1005506//Human mRNA for KIAA0010 gene, complete cds//0.67:351:58//Hs.155287:D13635
 30 F-HEMBA1005508//ESTs//0.45:326:59//Hs.102756:AA526911
 F-HEMBA1005511//Human mRNA for KIAA0355 gene, complete cds//4.2e-49:400:79//Hs.153014:AB002353
 F-HEMBA1005513//ESTs, Weakly similar to males-absent on the first [D.melanogaster]//5.3e-76:378:97//Hs.22767:N99220
 F-HEMBA1005517//Homo sapiens transcription factor forkhead-like 7 (FKHL7) gene, complete cds//0.54:623:56//Hs.143551:AF048693
 35 F-HEMBA1005518//ESTs//0.10:207:60//Hs.72447:AA160575
 F-HEMBA1005520//Human mRNA for tryptophan hydroxylase (EC 1.14.16.4)//3.1e-55:288:85//Hs.144563:AF057280
 F-HEMBA1005526//Small inducible cytokine A5 (RANTES)//5.4e-48:176:76//Hs.155464:AF088219
 40 F-HEMBA1005528//ESTs, Highly similar to POP2 PROTEIN [Saccharomyces cerevisiae]//1.2e-30:166:96//Hs.17035:AI080471
 F-HEMBA1005530
 F-HEMBA1005548//Homo sapiens short form transcription factor C-MAF (c-maf) mRNA, complete cds//4.6e-18:391:64//Hs.30250:AF055376
 45 F-HEMBA1005552//ESTs//1.8e-46:238:88//Hs.138856:H47461
 F-HEMBA1005558//Human involucrin mRNA//3.0e-07:501:60//Hs.157091:M13903
 F-HEMBA1005568//ESTs//0.013:259:63//Hs.13669:H47257
 F-HEMBA1005570//ESTs//0.0084:442:59//Hs.125384:AI346507
 F-HEMBA1005576//Homo sapiens mRNA for KIAA0463 protein, partial cds//1.9e-128:610:98//Hs.77738:AB007932
 50 F-HEMBA1005577//ESTs//0.98:199:61//Hs.146226:AI312873
 F-HEMBA1005581//Homo sapiens mRNA for MEGF5, partial cds//9.1e-53:830:64//Hs.57929:AB011538
 F-HEMBA1005582
 F-HEMBA1005583
 55 F-HEMBA1005588//ESTs//1.3e-35:386:70//Hs.55855:AA621381
 F-HEMBA1005593//S-ADENOSYLMETHIONINE SYNTHETASE ALPHA AND BETA FORMS//0.54:439:591//Hs.2137:D49357
 F-HEMBA1005595//Human mRNA for KIAA0325 gene, partial cds//5.5e-06:378:57//Hs.7720:AB002323

- F-HEMBA1005606//EST//2.0e-60:324:94//Hs.5062:D19609
 F-HEMBA1005609//ESTs//6.0e-39:378:76//Hs.142242:H06982
 F-HEMBA1005616//Human mRNA for tryptophan hydroxylase (EC 1.14.16.4)//8.2e-22:721:61//Hs.144563:AF057280
- 5 F-HEMBA1005621//ESTs, Weakly similar to MITOTIC MAD2 PROTEIN [S.cerevisiae]//1.8e-89:454:96//Hs.19400:AA662845
 F-HEMBA1005627//EST//1.0:161:60//Hs.162765:AA622535
 F-HEMBA1005631//EST//0.74:124:62//Hs.156185:AA723734
 F-HEMBA1005632//ESTs//1.0:96:70//Hs.141321:N70199
- 10 F-HEMBA1005634//EST//6.6e-10:105:73//Hs.159692:AI416956
 F-HEMBA1005666
 F-HEMBA1005670//Homo sapiens mRNA for KIAA0570 protein, complete cds//2.7e-45:255:79//Hs.114293:AB011142
 F-HEMBA1005679//Human kpni repeat mma (cdna clone pcd-kpni-4), 3' end//1.2e-37:356:77//Hs.139107:K00629
- 15 F-HEMBA1005680
 F-HEMBA1005685
 F-HEMBA1005699//Human putative EPH-related PTK receptor ligand LERK-8 (Eplg8) mRNA, complete cds//3.3e-71:497:85//Hs.26988:U66406
 F-HEMBA1005705//ESTs//0.00093:149:65//Hs.163564:R43678
- 20 F-HEMBA1005717//EST//0.018:115:66//Hs.160541:AI270143
 F-HEMBA1005732//Farnesyl diphosphate synthase (farnesyl pyrophosphate synthetase, dimethylallyltranstransferase, geranyltranstransferase)//2.6e-20:151:88//Hs.77393:D14697
 F-HEMBA1005737//ESTs//9.5e-34:235:88//Hs.160197:AA393754
 F-HEMBA1005746//ESTs//0.20:260:59//Hs.112451:AI264024
- 25 F-HEMBA1005755//Human kpni repeat mma (cdna clone pcd-kpni-8), 3' end//1.8e-48:425:78//Hs.103948:K00627
 F-HEMBA1005765//Small inducible cytokine A5 (RANTES)//1.3e-36:280:81//Hs.155464:AF088219
 F-HEMBA1005780//ESTs//1.0:139:67//Hs.88684:AA885141
 F-HEMBA10058131//ESTs//0.012:209:63//Hs.113365:R77747
 F-HEMBA1005815//Human calpain-like protease (htra-3) mRNA, complete cds//2.0e-07:439:62//Hs.6133:U94346
- 30 F-HEMBA1005822//ESTs//9.3e-06:444:59//Hs.124344:T10577
 F-HEMBA1005829//ESTs//1.1e-47:394:80//Hs.146811:AA410788
 F-HEMBA1005834//Human Line-1 repeat mRNA with 2 open reading frames//7.9e-42:690:66//Hs.23094:M19503
 F-HEMBA1005852//Human plectin (PLEC1) mRNA, complete cds//0.17:470:56//Hs.79706:U53204
 F-HEMBA1005853//EST//0.013:211:60//Hs.162604:AA595150
- 35 F-HEMBA1005884//Homo sapiens mRNA, chromosome 1 specific transcript KIAA0484//1.4e-53:332:83//Hs.158095:AB007953
 F-HEMBA1005891//ESTs//1.1e-77:393:97//Hs.28545:AI268097
 F-HEMBA1005894//Human G protein-coupled receptor (STRL22) mRNA, complete cds//7.2e-45:411:77//Hs.46468:U45984
- 40 F-HEMBA1005909//Human neuropeptide y2 receptor mRNA, complete cds//0.00054:477:59//Hs.37125:U42766
 F-HEMBA1005911//Thromboxane A2 receptor//4.1e-45:419:75//Hs.89887:D38081
 F-HEMBA1005921//Homo sapiens haemopoietic progenitor homeobox HPX42B (HPX42B) mRNA, complete cds//2.0e-46:434:78//Hs.125231:AF068006
 F-HEMBA1005931//ESTs, Weakly similar to kruppel-related zinc finger protein [H.sapiens]//1.2e-46:228:100//Hs.152178:AI224880
- 45 F-HEMBA1005934//EST//3.1e-14:121:85//Hs.150003:AI291588
 F-HEMBA1005962//EST//0.0010:212:62//Hs.163197:AA767883
 F-HEMBA1005963
 F-HEMBA1005990//Homo sapiens I-1 receptor candidate protein mRNA, complete cds//4.2e-151:697:99//Hs.26285:AF082516
- 50 F-HEMBA1005991//EST//3.0e-07:361:59//Hs.146442:AI127530
 F-HEMBA1005999//EST//1.2e-14:350:66//Hs.122326:AA782526
 F-HEMBA1006002
 F-HEMBA1006005//ESTs, Weakly similar to TH1 protein [D.melanogaster]//0.98:197:61//Hs.5184:AA709151
- 55 F-HEMBA1006031
 F-HEMBA1006035
 F-HEMBA1006036//Homo sapiens PYRIN (MEFV) mRNA, complete cds//5.4e-92:617:84//Hs.113283:AF018080
 F-HEMBA1006042//ESTs//6.3e-41:161:81//Hs.41186:R99609

F-HEMBA1006067//ESTs//2.0e-74:354:99//Hs.43321:AI139422
 F-HEMBA1006081
 F-HEMBA1006090//EST//1.2e-12:340:62//Hs.61195:AI418788
 F-HEMBA1006091//ESTs//4.7e-98:473:98//Hs.9658:AA506313
 5 F-HEMBA1006100//ESTs//7.1 e-22:273:73//Hs.144407:AA737799
 F-HEMBA1006108//ESTs, Weakly similar to ZK792.1 [C.elegans]//2.1e-26:273:66//Hs.8763:W30741
 F-HEMBA1006121//EST//0.00012:232:59//Hs.117096:AA677968
 F-HEMBA1006124//EST//0.047:251:62//Hs.132257:AI027222
 F-HEMBA1006130//Human HOX4C mRNA for a homeobox protein//1.0:150:62//Hs.74061:X59372
 10 F-HEMBA1006138//ESTs//1.8e-27:132:84//Hs.141575:AA211734
 F-HEMBA1006142//EST//2.5e-47:310:87//Hs.149580:AI281881
 F-HEMBA1006155
 F-HEMBA1006158//ESTs//5.1e-105:506:98//Hs.93468:N40575
 F-HEMBA1006173//ESTs//2.5e-24:195:84//Hs.79092:H29627
 15 F-HEMBA1006182//ESTs//2.5e-19:237:72//Hs.141840:AA028117
 F-HEMBA1006198//ESTs//0.017:133:67//Hs.142168:AA292540
 F-HEMBA1006235//Homo sapiens clone 24422 mRNA sequence//8.6e-177:836:98//Hs.109268:AF070557
 F-HEMBA1006248//Human zinc finger protein (MAZ) mRNA//0.0014:221:67//Hs.7647:M94046
 F-HEMBA1006252
 20 F-HEMBA1006253//EST//1.3e-100:467:100//Hs.146619:AI140706
 F-HEMBA1006259//Homo sapiens mRNA for KIAA0798 protein, complete cds//0.00037:158:69//Hs.159277:
 AB018341
 F-HEMBA1006268//ESTs//1.1e-20:376:67//Hs.72814:AA706631
 F-HEMBA1006272//EST//4.8e-20:252:69//Hs.162992:AA688140
 25 F-HEMBA1006278//H.sapiens PAP mRNA//6.5e-57:610:71//Hs.49007:X76770
 F-HEMBA1006283
 F-HEMBA1006284//ESTs//0.00017:248:63//Hs.143840:AI189964
 F-HEMBA1006291
 F-HEMBA1006293
 30 F-HEMBA1006309//Homo sapiens T cell immune response cDNA7 (TIRC7) mRNA, complete cds//0.76:416:58//
 Hs.46465:U45285
 F-HEMBA1006310//Homo sapiens mRNA for KIAA0602 protein, partial cds//9.3e-49:637:68//Hs.37656:AB011174
 F-HEMBA1006328//ESTs//1.8e-71:429:88//Hs.139922:AA281350
 F-HEMBA1006334//EST//0.082:267:57//Hs.136449:AA572789
 35 F-HEMBA1006344//ESTs//6.2e-08:67:94//Hs.42302:AI032142
 F-HEMBA1006347//ESTs, Weakly similar to males-absent on the first [D.melanogaster]//5.3e-76:378:97//Hs.
 22767:N99220
 F-HEMBA1006349//ESTs//0.87:276:60//Hs.23628:H03287
 F-HEMBA1006359//Zinc finger protein 43 (HTF6)//4.4e-117:823:81//Hs.74107:X59244
 40 F-HEMBA1006364//EST//0.0012:168:66//Hs.156756:AI351026
 F-HEMBA1006377//Homo sapiens RaiBP1-interacting protein (POB1) mRNA, complete cds//0.0028:422:59//Hs.
 80667:AF010233
 F-HEMBA1006380//Homo sapiens syntaxin 4 binding protein UNC-18c (UNC-18c) mRNA, complete cds//0.41:
 265:61//Hs.8813:AF032922
 45 F-HEMBA1006381//ESTs//3.8e-78:382:98//Hs.132171:AI042531
 F-HEMBA1006398//Human Line-1 repeat mRNA with 2 open reading frames//2.1e-49:395:80//Hs.23094:M19503
 F-HEMBA1006416//EST//7.3e-12:154:77//Hs.134086:AI077477
 F-HEMBA1006419//EST//4.6e-51:179:86//Hs.149580:AI281881
 F-HEMBA1006421//ISLET AMYLOID POLYPEPTIDE PRECURSOR//4.9e-46:517:72//Hs.51048:X68830
 50 F-HEMBA1006424//ESTs//2.7e-08:380:60//Hs.44369:AI206835
 F-HEMBA1006426//ESTs//3.0e-98:465:99//Hs.129251:AA993264
 F-HEMBA1006438//EST//1.3e-29:183:93//Hs.147412:AI209194
 F-HEMBA1006445
 F-HEMBA1006446//EST//0.14:200:59//Hs.160695:AI282889
 55 F-HEMBA1006461//Thiopurine S-methyltransferase//1.4e-29:210:72//Hs.51124:AF019369
 F-HEMBA1006467
 F-HEMBA1006471//ESTs//1.4e-05:391:60//Hs.121282:AI091453
 F-HEMBA1006474//ESTs, Highly similar to 40 KD PROTEIN [Borna disease virus]//1.1e-13:346:63//Hs.31257:

AA875998
 F-HEMBA1006483//Thromboxane A2 receptor//2.2e-51:386:82//Hs.89887:D38081
 F-HEMBA1006485//EST//5.4e-111:516:99//Hs.61925:AA039532
 F-HEMBA1006486//EST//4.7e-23:286:72//Hs.137800:AA886897
 5 F-HEMBA1006489//ESTs//2.5e-06:137:71//Hs.28621:AA910431
 F-HEMBA1006492
 F-HEMBA1006494//ESTs//8.5e-24:299:72//Hs.153413:AI248625
 F-HEMBA1006497//EST//0.00034:431:61//Hs.130057:AA903389
 F-HEMBA1006502//ESTs//2.6e-11:131:80//Hs.141267:H22072
 10 F-HEMBA1006507//Homo sapiens mRNA for KIAA0666 protein, partial cds//7.3e-141:470:98//Hs.153858:
 AB014566
 F-HEMBA1006521//ESTs, Weakly similar to 3-oxoacyl-[acyl-carrier protein] reductase [E.coli]//3.9e-98:483:97//
 Hs.94811:AA011185
 F-HEMBA1006530//EST//1.7e-42:530:71//Hs.163207:AA808002
 15 F-HEMBA1006535//ESTs//2.9e-84:404:98//Hs.128679:AI160081
 F-HEMBA1006540//Homo sapiens multi PDZ domain protein MUPP1 (MUPP1) mRNA, complete cds//4.4e-173:
 654:98//Hs21301:AF093419
 F-HEMBA1006546//ESTs//2.8e-45:391:78//Hs.146307:AA584638
 F-HEMBA1006559//Homo sapiens KIAA0438 mRNA, complete cds//2.1e-47:363:79//Hs.21490:AB007898
 20 F-HEMBA1006562//ESTs//4.5e-09:116:75//Hs.142368:AI198425
 F-HEMBA1006566//EST//0.85:100:68//Hs.13052:T67136
 F-HEMBA1006569//ESTs//2.7e-06:213:64//Hs.44372:AI346522
 F-HEMBA1006579//EST//0.064:160:62//Hs.126244:AA873479
 F-HEMBA1006583//Homo sapiens Jagged 2 mRNA, complete cds//1.7e-07:533:60//Hs.106387:AF029778
 25 F-HEMBA1006595//Small inducible cytokine A5 (RANTES)//6.8e-69:328:81//Hs.155464:AF088219
 F-HEMBA1006597//Homo sapiens mRNA for KIAA0752 protein, partial cds//2.6e-38:441:69//Hs.23711:AB018295
 F-HEMBA1006612//ESTs//8.8e-135:668:97//Hs.7942:AA205862
 F-HEMBA1006617//EST//4.6e-31:254:81//Hs.132635:AI032875
 F-HEMBA1006624//ESTs, Weakly similar to HYPOTHETICAL 41.9 KD PROTEIN IN SDS3-THS1 INTERGENIC
 30 REGION [S.cerevisiae]//2.5e-75:379:97//Hs.40911:AI391502
 F-HEMBA1006631//ESTs//1.4e-126:612:98//Hs.131737:AI343331
 F-HEMBA1006635//EST//0.65:145:63//Hs.104560:AA340589
 F-HEMBA1006639//ESTs, Highly similar to POLYADENYLATE-BINDING PROTEIN [Homo sapiens]//9.1e-27:170:
 92//Hs.109818:AA411185
 35 F-HEMBA1006643//ESTs, Moderately similar to putative p150 [H.sapiens]//9.7e-05:259:65//Hs.105747:
 AA505003
 F-HEMBA1006648//Homo sapiens integrin-linked kinase (ILK) mRNA, complete cds//3.9e-28:108:93//Hs.6196:
 U40282
 F-HEMBA1006652//ESTs, Highly similar to 60S RIBOSOMAL PROTEIN L7 [Drosophila melanogaster]//3.0e-87:
 40 452:96//Hs.159574:AA190615
 F-HEMBA1006653
 F-HEMBA1006659//Homo sapiens PAC clone DJ0905J08 from 7p12-p14//2.9e-92:438:98//Hs.8173:AC005189
 F-HEMBA1006665//Homo sapiens clone 23892 mRNA sequence//2.8e-18:180:80//Hs.91916:AF035317
 F-HEMBA1006674//Homo sapiens mRNA for nucleolar protein hNop56//1.6e-16:122:90//Hs.5092:Y12065
 45 F-HEMBA1006676
 F-HEMBA1006682//EST//0.12:193:61//Hs.128367:AA974575
 F-HEMBA1006695//ESTs//5.6e-27:110:80//Hs.159510:AA297145
 F-HEMBA1006696//EST//3.2e-12:160:75//Hs.146472:AI128198
 F-HEMBA1006708
 50 F-HEMBA1006709//ESTs//0.69:60:80//Hs.152752:AA643545
 F-HEMBA1006717//ESTs//12.6e-31:286:78//Hs.55573:W37226
 F-HEMBA1006737//ESTs//1.6e-37:189:99//Hs.97490:AA394105
 F-HEMBA1006744//Human mRNA for KIAA0118 gene, partial cds//1.9e-52:360:84//Hs.154326:D42087
 F-HEMBA1006754//Homo sapiens X-ray repair cross-complementing protein 2 (XRCC2) mRNA, complete cds//
 55 2.0e-92:817:78//Hs.129727:AF035587
 F-HEMBA1006758//Human mRNA for KIAA0327 protein, complete cds//4.0e-10:576:56//Hs.149323:AB002325
 F-HEMBA1006767//ESTs//1.7e-18:252:72//Hs.141073:W72720
 F-HEMBA1006779//EST//9.1e-26:395:69//Hs.145366:AI252657

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F-HEMBA1006780//EST//1.0:93:69//Hs.116946:AA680250
 F-HEMBA1006789//ESTs//0.0060:276:59//Hs.144121:AI369798
 F-HEMBA1006795//Human Line-1 repeat mRNA with 2 open reading frames//4.1e-37:781:64//Hs.23094:M19503
 F-HEMBA1006796//Human clone 23803 mRNA, partial cds//1.4e-07:202:68//Hs.34054:U79298
 5 F-HEMBA1006807//ESTs, Moderately similar to HYPOTHETICAL 46.4 KD PROTEIN T16H12.5 IN CHROMO-
 SOME III [C.elegans]//4.8e-110:523:98//Hs.125790:AA287723
 F-HEMBA1006821//EST//5.1e-11:246:66//Hs.150542:AI051551
 F-HEMBA1006824//ESTs//1.4e-29:158:98//Hs.127712:AA961624
 F-HEMBA1006832//EST//3.1e-24:277:74//Hs.139357:AA420970
 10 F-HEMBA1006849//ESTs//0.99:332:57//Hs.128993:AA985327
 F-HEMBA1006865
 F-HEMBA1006877//ESTs, Highly similar to HYPOTHETICAL 113.8 KD PROTEIN IN ERG7-NMD2 INTERGENIC
 REGION [Saccharomyces cerevisiae]//2.4e-61:311:97//Hs.127793:W25938
 F-HEMBA1006885//ESTs, Highly similar to HYPOTHETICAL 29.1 KD PROTEIN IN URA7-POL12 INTERGENIC
 15 REGION [Saccharomyces cerevisiae]//9.1e-128:805:87//Hs.32376:AA758214
 F-HEMBA1006900//EST//6.8e-05:255:63//Hs.163173:AA781592
 F-HEMBA1006914//EST//0.065:366:621//Hs.162914:AA666199
 F-HEMBA1006921//ESTs//2.9e-42:347:82//Hs.159266:AI376989
 F-HEMBA1006926//Human I kappa BR mRNA, complete cds//0.90:545:59//Hs.154764:U16258
 20 F-HEMBA1006929//EST//0.00013:403:61//Hs.162642:AA602539
 F-HEMBA1006936//ESTs//0.00014:60:93//Hs.8737:W22712
 F-HEMBA1006938//ESTs//4.7e-51:256:98//Hs.143651:AI150382
 F-HEMBA1006941//Homo sapiens mRNA for putative thioredoxin-like protein//4.4e-92:437:98//Hs.42644:
 AJ010841
 25 F-HEMBA1006949//H.sapiens mRNA for retrotransposon//6.9e-43:385:76//Hs.6940:Z48633
 F-HEMBA1006973//Homo sapiens rab3-GAP regulatory domain mRNA, complete cds//1.8e-144:740:94//Hs.
 14934:AF004828
 F-HEMBA1006976//H.sapiens mRNA for Gal-beta(1-3/1-4)GlcNAc alpha-2.3-sialyltransferase//1.9e-79:447:89//
 Hs.75268:X74570
 30 F-HEMBA1006993//ESTs//5.4e-19:380:66//Hs.152635:AA600968
 F-HEMBA1006996//ESTs//0.17:242:59//Hs.106879:AA054723
 F-HEMBA1007002
 F-HEMBA1007017//EST//1.0:59:72//Hs.113400:R39282
 F-HEMBA1007018//Homo sapiens dynein light intermediate chain 2 (LIC2) mRNA, complete cds//2.5e-78:827:
 35 70//Hs.43003:AF035812
 F-HEMBA1007045
 F-HEMBA1007051//EST//0.85:65:73//Hs.158641:AI370659
 F-HEMBA1007052
 F-HEMBA1007062
 40 F-HEMBA1007066//ESTs//0.94:160:63//Hs.56071:W52212
 F-HEMBA1007073//ESTs//3.6e-50:246:80//Hs.142678:H37845
 F-HEMBA1007078//Human arginine-rich nuclear protein mRNA, complete cds//6.7e-75:417:91//Hs.80510:
 M74002
 F-HEMBA1007080
 45 F-HEMBA1007085//Guanylate cyclase 2D, membrane (retina-specific)//1.3e-06:568:61//Hs.1974:M92432
 F-HEMBA1007087//Human mevalonate pyrophosphate decarboxylase (MPD) mRNA, complete cds//0.95:541:
 57//Hs.3828:U49260
 F-HEMBA1007112//ESTs//3.4e-104:494:98//Hs.19207:AA039595
 F-HEMBA1007113//ESTs//0.71:246:62//Hs.96235:AA196354
 50 F-HEMBA1007121//ESTs//3.5e-69:335:98//Hs.140519:AA643182
 F-HEMBA1007129
 F-HEMBA1007147//ESTs//3.2e-07:235:641//Hs.124813:W46172
 F-HEMBA1007149//ESTs//7.2e-08:161:68//Hs.121179:AA757136
 F-HEMBA1007151
 55 F-HEMBA1007174//Homo sapiens epsin 2b mRNA, complete cds//6.6e-64:318:97//Hs.22396:AF062085
 F-HEMBA1007178//ESTs, Moderately similar to !!!! ALU SUBFAMILY J WARNING ENTRY !!!! [H.sapiens]//4.2e-
 39:248:90//Hs.157148:AA311921
 F-HEMBA1007194//ESTs//2.3e-107:503:99//Hs.100605:AA305965

- F-HEMBA1007203//Homo sapiens mRNA for KIAA0214 protein, complete cds//5.6e-158:478:98//Hs.3363:D86987
 F-HEMBA1007206//EST//0.23:119:66//Hs.144402:AA609252
 F-HEMBA1007224//Homo sapiens mRNA for KIAA0797 protein, partial cds//1.6e-177:839:98//Hs.27197:AB018340
 5 F-HEMBA1007243//Hypoxanthine phosphoribosyltransferase 1 (Lesch-Nyhan syndrome)//2.7e-56:647:69//Hs.82314:M31642
 F-HEMBA1007251//Human plectin (PLEC1) mRNA, complete cds//0.19:210:67//Hs.79706:U53204
 F-HEMBA1007256//Homo sapiens clone 24407 mRNA sequence//1.0:144:6411Hs.12432:AF070575
 10 F-HEMBA1007267//Human homolog of yeast mutL (hPMS1) gene, complete cds//0.99:239:60//Hs.111749:U13695
 F-HEMBA1007273//ESTs//5.6e-24:271:73//Hs.144951:N34836
 F-HEMBA1007279//ESTs//6.1e-36:185:78//Hs.141022:H06475
 F-HEMBA1007281//ESTs//0.74:94:65//Hs.162533:AA584529
 15 F-HEMBA1007288//EST//0.83:99:67//Hs.127878:AA968637
 F-HEMBA1007300//EST//3.6e-62:355:91//Hs.150139:AI300062
 F-HEMBA1007301//Collagen, type I, alpha 1//1.5e-09:406:61//Hs.111913:Z74615
 F-HEMBA1007319//EST//0.0068:50:96//Hs.163362:AA890506
 F-HEMBA1007320//ESTs//1.0:133:66//Hs.38032:N63634
 20 F-HEMBA1007322//ESTs//0.0077:187:66//Hs.4852:R84241
 F-HEMBA1007327//ESTs, Weakly similar to HOST CELL FACTOR C1 [H.sapiens]//3.5e-09:144:76//Hs.20597:W58370
 F-HEMBA1007341//ESTs//7.5e-61:302:98//Hs.154944:AA494130
 F-HEMBA1007342//ESTs//2.9e-12:289:64//Hs.135555:AA911006
 25 F-HEMBA1007347//EST//0.44:89:70//Hs.65949:Z40561
 F-HEMBA1000005//ESTs//1.6e-07:337:60//Hs.126718:AA916568
 F-HEMBA1000008//H.sapiens mRNA for translin associated protein X//1.1e-43:370:78//Hs.96247:X95073
 F-HEMBA1000018//Nuclear factor of kappa light polypeptide gene enhancer in B-cells 1 (p105)//1.0:108:70//Hs.83428:M58603
 30 F-HEMBA1000024//EST//5.4e-07:137:70//Hs.125389:AA878307
 F-HEMBA1000025//EST//0.99:362:58//Hs.121221:AA757392
 F-HEMBA1000030//H.sapiens mRNA for cyclin II//1.3e-10:525:62//Hs.3232:Z46788
 F-HEMBA1000036
 F-HEMBA1000037//Homo sapiens erythroblast macrophage protein EMP mRNA, complete cds//6.2e-102:450:98//Hs.20815:AF084928
 35 F-HEMBA1000039//EST//0.0034:97:73//Hs.141684:W35358
 F-HEMBA1000044//ESTs//0.0048:218:63//Hs.123161:AA807319
 F-HEMBA1000048//EST//0.00025:222:62//Hs.122474:AA765131
 F-HEMBA1000050//ESTs//5.6e-28:293:75//Hs.136839:H93717
 40 F-HEMBA1000054//Human Line-1 repeat mRNA with 2 open reading frames//3.3e-54:259:88//Hs.23094:M19503
 F-HEMBA1000055//ESTs//0.0017:289:62//Hs.125755:AA286923
 F-HEMBA1000059//Homo sapiens mRNA for KIAA0761 protein, partial cds//5.9e-59:286:84//Hs.93121:AB018304
 F-HEMBA1000083
 F-HEMBA1000089//EST//0.0016:192:661//Hs.137093:AA917621
 45 F-HEMBA1000099//ESTs//5.7e-20:213:76//Hs.57883:AA218645
 F-HEMBA1000103//Human kpni repeat mrna (cdna clone pcd-kpni-8), 3' end//4.9e-43:418:74//Hs.103948:K00627
 F-HEMBA1000113//EST//4.6e-23:221:76//Hs.142065:AA173763
 F-HEMBA1000119//Homo sapiens ASMTL gene//2.5e-132:621:98//Hs.6315:Y15521
 F-HEMBA1000136//ESTs//112.3e-101:507:96//Hs.12659:AA195207
 50 F-HEMBA1000141//ESTs//2.1e-15:283:69//Hs.126257:AI279044
 F-HEMBA1000144//EST//4.5e-52:298:91//Hs.149580:AI281881
 F-HEMBA1000173//Zinc finger protein 74 (Cos52)//2.4e-63:285:82//Hs.3057:X92715
 F-HEMBA1000175//EST//1.0:101:65//Hs.162898:AA659646
 F-HEMBA1000198//EST//0.99:179:56//Hs.116880:AA662457
 55 F-HEMBA1000215//Homo sapiens mRNA for KIAA0557 protein, partial cds//1.4e-15:139:82//Hs.101414:AB011129
 F-HEMBA1000217//ESTs//3.4e-06:81:88//Hs.121151:T66277
 F-HEMBA1000218//EST//0.11:136:63//Hs.134683:AI092013

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F-HEM BB1000226//Fragile X mental retardation 1//0.99:126:65//Hs.89764:X69962
F-HEM BB1000240//H.sapiens mRNA for Nup88 protein//1.0:334:57//Hs.90734:Y08612
F-HEM BB1000244//ESTs//3.2e-15:139:81//Hs.134549:AI078483
5 F-HEM BB1000250//Homo sapiens protein associated with Myc mRNA, complete cds//2.1e-156:735:981//Hs.151411:AF075587
F-HEM BB1000258//EST//0.0091:325:60//Hs.97533:AA435884
F-HEM BB1000264//Human CHL1 potential helicase (CHLR1), complete cds//1.4e-33:100:100//Hs.27424:U75968
F-HEM BB1000266//Homo sapiens mRNA for myosin phosphatase target subunit 1 (MYPT1)//0.0019:373:60//Hs.16533:D87930
10 F-HEM BB1000272//ESTs//1.3e-93:440:99//Hs.109224:N46684
F-HEM BB1000274//ESTs//0.41:221:65//Hs.71990:AA151796
F-HEM BB1000284//EST//0.00024:108:73//Hs.100725:F13689
F-HEM BB1000307//EST//3.6e-10:149:73//Hs.140415:AA778574
F-HEM BB1000312//Homo sapiens mRNA for KIAA0783 protein, complete cds//0.00092:252:65//Hs.41153:
15 AB018326
F-HEM BB1000317//Thrombospondin 1//7.1e-05:342:59//Hs.87409:X14787
F-HEM BB1000318//EST//0.014:184:61//Hs.155758:AI311870
F-HEM BB1000335//EST//0.99:187:63//Hs.137424:AA243729
F-HEM BB1000336//EST//1.0:209:63//Hs.150410:AI003611
20 F-HEM BB1000337//EST//0.086:133:66//Hs.128207:AA972330
F-HEM BB1000338//EST//7.1e-07:129:72//Hs.140488:AA767127
F-HEM BB1000339//Small inducible cytokine A5 (RANTES)//1.2e-36:336:7611Hs.155464:AF088219
F-HEM BB1000341
F-HEM BB1000343//EST//0.66:163:63//Hs.150822:AI302729
25 F-HEM BB1000354//ESTs//7.e-61:292:100//Hs.152266:AA926874
F-HEM BB1000369//ESTs, Highly similar to t-BOP [M.musculus]/10.013:157:64//Hs.129982:AI420970
F-HEM BB1000374//ESTs//8.7e-53:454:79//Hs.133518:R69934
F-HEM BB1000376//ESTs//5.9e-14:87:97//Hs.163973:AA744348
F-HEM BB1000391//ESTs//0.033:237:64//Hs.135289:AI092963
30 F-HEM BB1000399//Homo sapiens mRNA for cell cycle checkpoint protein//9.4e-165:762:98//Hs.16184:AJ001642
F-HEM BB1000402//EST//0.013:291:59//Hs.149191:AI246155
F-HEM BB1000404//ESTs//3.0e-69:353:96//Hs.135857:AA947194
F-HEM BB1000420//EST//6.3e-52:258:98//Hs.136434:AA557925
F-HEM BB1000434//Homo sapiens neuronal thread protein AD7c-NTP mRNA, complete cds//9.4e-73:364:83//Hs.
35 129735AF010144
F-HEM BB1000438//ESTs//0.073:446:58//Hs.134632:AI223429
F-HEM BB1000441//Interleukin 10//1.7e-38:336:77//Hs.2180:M57627
F-HEM BB1000449//EST//5.5e-21:356:671//Hs.157848:AI362501
F-HEM BB1000455//ESTs//0.092:147:65//Hs.106446:N93227
40 F-HEM BB1000472
F-HEM BB1000480//EST//0.98:83:71//Hs.146462:AI124898
F-HEM BB1000487//ESTs//1.4e-59:341:92//Hs.48561:N79206
F-HEM BB1000490//ESTs//2.5e-27:200:79//Hs.56825:AI057560
F-HEM BB1000491
45 F-HEM BB1000493//ESTs//0.019:103:69//Hs.138358:T66178
F-HEM BB1000510//Glucocorticoid receptor alpha {alternative products}//1.6e-46:409:77//Hs.102761:U25029
F-HEM BB1000518//ESTs//3.7e-06:187:64//Hs.140989:R68413
F-HEM BB1000523//ESTs//0.69:332:59//Hg.106845:W19543
F-HEM BB1000530//H.sapiens mRNA for extracellular matrix protein collagen type XIV, C-terminus//2.1e-38:138:
50 96//Hs.36131:Y11710
F-HEM BB1000550//ESTs, Weakly similar to !!!! ALU SUBFAMILY SC WARNING ENTRY !!!! [H.sapiens]/7.7e-31:
554:67//Hs.157142:U85996
F-HEM BB1000554//Homo sapiens mRNA, chromosome 1 specific transcript KIAA0484//4.0e-27:282:75//Hs.
158095:AB007953
55 F-HEM BB1000556//Homo sapiens mRNA for KIAA0750 protein, complete cds//2.0e-33:537:65//Hs.5444:
AB018293
F-HEM BB1000564
F-HEM BB1000573//H.sapiens HCG II mRNA//7.5e-27:197:76//Hs.146333:X81001

- F-HEM BB1000575//Von Hippel-Lindau syndrome//2.7e-72:255:79//Hs.78160:AF010238
 F-HEM BB1000586//Dystrophin (muscular dystrophy, Duchenne and Becker types), includes DXS142, DXS164, DXS206, DXS230, DXS239, DXS268, DXS269, DXS270, DXS272//0.011:338:59//Hs.79012:M18533
 F-HEM BB1000589//PLATELET GLYCOPROTEIN V PRECURSOR//2.4e-22:228:79//Hs.73734:Z23091
 5 F-HEM BB1000591//ESTs//1.0e-17:370:64//Hs.58156:W71990
 F-HEM BB1000592//EST//0.0038:51:88//Hs.148022:AI269323
 F-HEM BB1000593//Homo sapiens chromosome 7q22 sequence//4.7e-109:503:99//Hs.3386:AF053356
 F-HEM BB1000598//Ribosomal protein L5//3.5e-29:537:66//Hs.118781:U66589
 F-HEM BB1000623//H.sapiens mRNA for GAIP protein//0.89:376:59//Hs.22698:X91809
 10 F-HEM BB1000630//Homo sapiens KIAA0404 mRNA, partial cds//0.074:168:61//Hs.105850:AB007864
 F-HEM BB1000631//ESTs//1.7e-06:247:64//Hs.156864:AI346481
 F-HEM BB1000632//Human mRNA for KIAA0351 gene, complete cds//5.1e-50:811:65//Hs.29963:AB002349
 F-HEM BB1000637//Sialophorin (gpL115, leukosialin, CD43)//2.4e-79:304:85//Hs.80738:X52075
 F-HEM BB1000638//EST//0.0076:92:75//Hs.125496:AA883735
 15 F-HEM BB1000643//ISLET AMYLOID POLYPEPTIDE PRECURSOR//3.5e-45:477:74//Hs.51048:X68830
 F-HEM BB1000649//Homo sapiens histone H2A.1b mRNA, complete cds//7.4e-52:533:75//Hs.51011:L19778
 F-HEM BB1000652//ESTs//1.6e-49:345:84//Hs.132722:AA618531
 F-HEM BB1000665//EST//0.44:152:63//Hs.149534:AI280924
 F-HEM BB1000671//Human Line-1 repeat mRNA with 2 open reading frames//2.2e-79:280:85//Hs.23094:M19503
 20 F-HEM BB1000673//ESTs//0.99:177:59//Hs.149864:N80474
 F-HEM BB1000684//Protein kinase, interferon-inducible double stranded RNA dependent//2.6e-31:220:87//Hs.73821:M35663
 F-HEM BB1000693//Homo sapiens neuroanl mRNA, complete cds//5.3e-120:575:97//Hs.158300:AF040723
 F-HEM BB1000705//ESTs//4.7e-65:350:94//Hs.24610:R33125
 25 F-HEM BB1000706//EST//8.6e-14:373:61//Hs.138281:RS5703
 F-HEM BB1000709//EST//0.99:110:651//Hs.162437:AA577510
 F-HEM BB1000725//RAS-RELATED PROTEIN RAB-8//1.7e-77:635:77//Hs.123109:X56741
 F-HEM BB1000726//EST//1.3e-43:257:84//Hs.162197:AA535216
 F-HEM BB1000738//EST//5.9e-13:259:64//Hs.159699:AI417328
 30 F-HEM BB1000749//EST//3.1e-42:271:871//Hs.162197:AA535216
 F-HEM BB1000763
 F-HEM BB1000770//ESTs, Weakly similar to MOESIN/EZRIN/RADIXIN HOMOLOG [D.melanogaster]//0.021:111:72//Hs.38178:AA921830
 F-HEM BB1000774//ESTs, Weakly similar to mTERF [H.sapiens]//2.5 e-116:580:97//Hs.5009:AA081390
 35 F-HEM BB1000781//Human MEK kinase 3 mRNA, complete cds//5.3e-47:426:74//Hs.86201:U78876
 F-HEM BB1000789//Homo sapiens mRNA for KIAA0677 protein, complete cds//3.0e-65:672:71//Hs.155983:AB014577
 F-HEM BB1000790//ESTs//1.2e-52:344:86//Hs.35254:AI133727
 F-HEM BB1000794//ESTs//0.00098:289:59//Hs.138782:N73572
 40 F-HEM BB1000807//ESTs//2.1e-91:434:99//Hs.61334:AI298375
 F-HEM BB1000810//ESTs//0.038:92:71//Hs.148763:AA66887
 F-HEM BB1000821//EST//0.94:129:62//Hs.162299:AA555154
 F-HEM BB1000822//ESTs//7.5e-05:199:63//Hs.117018:AA832421
 F-HEM BB1000826//ESTs//4.8e-13:343:65//Hs.153429:AI283069
 45 F-HEM BB1000827
 F-HEM BB1000831
 F-HEM BB1000835//EST//4.3e-27:201:851//Hs.141451:N29915
 F-HEM BB1000840//EST//6.3e-75:380:96//Hs.142557:AA464948
 F-HEM BB1000848//Human Line-1 repeat mRNA with 2 open reading frames//1.4e-135:875:85//Hs.23094:M19503
 50 F-HEM BB1000852//Phosphoribosyl pyrophosphate amidotransferase//0.12:292:61//Hs.311:U00238
 F-HEM BB1000870//EST//0.00091:246:62//Hs.126502:AA913831
 F-HEM BB1000876//Homo sapiens ELISC-1 mRNA, partial cds//4.9e-34:200:94//Hs.128434:AF085351
 F-HEM BB1000883//ESTs//0.42:107:67//Hs.154173:AI379823
 55 F-HEM BB1000887
 F-HEM BB1000888//ESTs//1.0:137:67//Hs.8121:AA521290
 F-HEM BB1000890//ESTs//1.0:116:65//Hs.7105:T23433
 F-HEM BB1000893//EST//0.0079:408:58//Hs.146504:AI129834

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F-HEM BB1000908//EST//9.2e-21:205:79//Hs.132635:AI032875
 F-HEM BB1000910//Human mRNA for KIAA0231 gene, partial cds//0.16:327:60//Hs.7938:D86984
 F-HEM BB1000913//ESTs//1.0e-12:233:68//Hs.137545:AA487049
 F-HEM BB1000915//ESTs//2.5e-90:423:99//Hs.135254:AI095468
 5 F-HEM BB1000917//EST//2.8e-49:241:100//Hs.162216:AA548089
 F-HEM BB1000927//Hippocalcin//1.2e-31:528:65//Hs.89692:D16593
 F-HEM BB1000947
 F-HEM BB1000959//Cytochrome P450, 51 (lanosterol 14-alpha-demethylase)//9.3e-48:572:72//Hs.2379:U23942
 F-HEM BB1000973//ESTs//4.5e-26:286:76//Hs.137393:AA142938
 10 F-HEM BB1000975//ESTs//0.78:180:66//Hs.104789:AA417124
 F-HEM BB1000981
 F-HEM BB1000985//Homo sapiens actin binding protein MAYVEN mRNA, complete cds//5.7e-07:308:62//Hs.122967:AF059569
 F-HEM BB1000991//EST//0.12:125:66//Hs.22945:R43713
 15 F-HEM BB1000996//ESTs//6.9e-05:273:63//Hs.133116:AI054055
 F-HEM BB1001004//Homo sapiens mRNA for KIAA0665 protein, complete cds//0.62:193:62//Hs.119004:AB014565
 F-HEM BB1001008//EST//4.7e-09:203:65//Hs.105221:AA489025
 F-HEM BB1001011//Human Chromosome 16 BAC clone CIT987SK-A-635H12//2.4e-17:384:67//Hs.108604:AC002310
 20 F-HEM BB1001014//EST, Weakly similar to putative p150 [H.sapiens]//0.21:284:60//Hs.161547:W04991
 F-HEM BB1001020//ESTs//9.7e-37:186:76//Hs.138852:AA284247
 F-HEM BB1001024//ESTs, Highly similar to t-BOP [M.musculus]//0.11:242:61//Hs.129982:AI420970
 F-HEM BB1001037//EST//0.0057:192:66//Hs.149987:AI291177
 25 F-HEM BB1001047//ESTs//1.6e-22:360:70//Hs.120734:W58721
 F-HEM BB1001051//H.sapiens mRNA for FAN protein//3.8e-29:160:98//Hs.78687:X96586
 F-HEM BB1001056//Homo sapiens mRNA for KIAA0618 protein, complete cds//1.0e-42:149:96//Hs.15832:AB014518
 F-HEM BB1001058//Small inducible cytokine A5 (RANTES)//1.1e-45:349:82//Hs.155464:AF088219
 30 F-HEM BB1001060//ESTs//1.6e-62:464:81//Hs.138663:N24942
 F-HEM BB1001063
 F-HEM BB1001068//Homo sapiens liprin-beta2 mRNA, partial cds//9.9e-148:736:95//Hs.12953:AF034803
 F-HEM BB1001096//EST//0.017:154:66//Hs.130403:AA909272
 F-HEM BB1001102//ESTs//2.1e-18:120:95//Hs.163767:R06293
 35 F-HEM BB1001105//Human BRCA2 region, mRNA sequence
 CG016//0.30:84:75//Hs.112434:U50529
 F-HEM BB1001112//ESTs, Highly similar to PROTEIN TRANSPORT PROTEIN SEC61 ALPHA SUBUNIT [Canis familiaris]//9.3e-38:341:77//Hs.14038:R06800
 F-HEM BB1001114//EST//6.4e-07:296:62//Hs.128420:AA975062
 40 F-HEM BB1001117//EST//1.6e-99:464:99//Hs.130493:AA928139
 F-HEM BB1001119
 F-HEM BB1001126
 F-HEM BB1001133//H.sapiens mRNA for translin associated protein X//1.2e-28:739:61//Hs.96247:X95073
 F-HEM BB1001137
 45 F-HEM BB1001142//Human mRNA for KIAA0331 gene, complete cds//2.1e-23:340:69//Hs.146395:AB002329
 F-HEM BB1001151//ESTs//2.6e-30:252:79//Hs.6880:W26854
 F-HEM BB1001153//ESTs//7.6e-16:97:96//Hs.113307:H16716
 F-HEM BB1001169//ESTs//1.4e-32:374:71//Hs.161682:AA206863
 F-HEM BB1001175//Human mRNA for ankyrin motif, complete cds//7.1e-36:509:66//Hs.73073:D78334
 50 F-HEM BB1001177//ESTs, Weakly similar to HYPOTHETICAL TRP-ASP REPEATS CONTAINING PROTEIN IN HXT14-PHA2 INTERGENIC REGION [S.cerevisiae]//1.5e-65:312:100//Hs.86878:AA599183
 F-HEM BB1001182//Electron-transfer-flavoprotein, beta polypeptide//0.94:199:64//Hs.74047:X71129
 F-HEM BB1001199
 F-HEM BB1001208//ESTs//0.12:120:69//Hs.130093:AA928802
 55 F-HEM BB1001209//EST//0.00028:215:65//Hs.118276:W15258
 F-HEM BB1001210//EST//2.9e-05:297:60//Hs.88840:AA281452
 F-HEM BB1001218//Homo sapiens mRNA for KIAA0585 protein, partial cds//8.5e-37:260:76//Hs.72660:AB011157
 F-HEM BB1001221//Homo sapiens mRNA, chromosome 1 specific transcript KIAA0507//0.00046:650:58//Hs.

- 158241:AB007976
 F-HEM BB1001234//ESTs, Highly similar to 65 KD YES-ASSOCIATED PROTEIN [Mus musculus]/6.7e-103:477:100//Hs.127835:AI378790
 F-HEM BB1001242//Homo sapiens mRNA for LAK-1, complete cds//1.2e-31:458:67//Hs.129918:AB005754
 5 F-HEM BB1001249//EST//0.26:203:63//Hs.140791:AA935909
 F-HEM BB1001253//ESTs//4.0e-91:433:98//Hs.120636:AA325219
 F-HEM BB1001254//ESTs//2.0e-24:180:85//Hs.136391:H04977
 F-HEM BB1001267//Ataxia telangiectasia mutated (includes complementation groups A, C and D)//6.1e-24:146:78//Hs.51187:U82828
 10 F-HEM BB1001271//ESTs//2.5e-05:686:58//Hs.115423:AI359248
 F-HEM BB1001282//GA-binding protein transcription factor, beta subunit 2 (47kD)//0.39:531:57//Hs.78915:U13045
 F-HEM BB1001288//ESTs, Highly similar to HYPOTHETICAL 27.3 KD PROTEIN ZK353.7 IN CHROMOSOME III [Caenorhabditis elegans]/4.9e-10:91:89//Hs.16606:W81021
 15 F-HEM BB1001289//ESTs//6.4e-100:467:99//Hs.151720:AI287890
 F-HEM BB1001294//ESTs, Highly similar to RAS-LIKE PROTEIN TC10 [Homo sapiens]/1.3e-135:654:98//Hs.124217:AA020848
 F-HEM BB1001302
 F-HEM BB1001304//ESTs//0.98:109:68//Hs.138972:AA047725
 20 F-HEM BB1001314//ESTs//7.4e-39:285:77//Hs.144749:AI217339
 F-HEM BB1001315//Small inducible cytokine A5 (RANTES)//1.9e-40:355:78//Hs.155464:AF088219
 F-HEM BB1001317//Human Line-1 repeat mRNA with 2 open reading frames//4.7e-98:625:85//Hs.23094:M19503
 F-HEM BB1001326//ESTs//0.00030:257:63//Hs.62208:H12380
 F-HEM BB1001331//ESTs, Weakly similar to DFS70 [H.sapiens]/1.0e-48:332:87//Hs.43071:AA206222
 25 F-HEM BB1001335
 F-HEM BB1001337//Homo sapiens mRNA for KIAA0563 protein, complete cds//8.5e-56:282:87//Hs.15731:AB011135
 F-HEM BB1001339//Homo sapiens antigen NY-CO-16 mRNA, complete cds//0.039:161:65//Hs.132206:AF039694
 F-HEM BB1001346//Oxytocin receptor//4.2e-42:456:73//Hs.2820:X64878
 30 F-HEM BB1001348//Homo sapiens mRNA for KIAA0570 protein, complete cds//1.2e-45:176:77//Hs.114293:AB011142
 F-HEM BB1001356//EST//0.32:292:59//Hs.135771:AI005648
 F-HEM BB1001364
 F-HEM BB1001366//EST//7.8e-24:367:69//Hs.138765:N70347
 35 F-HEM BB1001367//Small inducible cytokine A5 (RANTES)//8.7e-50:326:86//Hs.155464:AF088219
 F-HEM BB1001369//EST//0.17:211:63//Hs.120066:AA707973
 F-HEM BB1001380//Homo sapiens mRNA for KIAA0527 protein, partial cds//8.2e-36:225:79//Hs.129748:AB011099
 F-HEM BB1001384
 40 F-HEM BB1001387//ESTs//0.61:215:60//Hs.145915:AI342230
 F-HEM BB1001394//Human Line-1 repeat mRNA with 2 open reading frames//3.8e-94:568:83//Hs.23094:M19503
 F-HEM BB1001410//Homo sapiens keratan sulfate proteoglycan mRNA, complete cds//0.021:373:58//Hs.125750:AF065988
 F-HEM BB1001424//EST//0.20:307:58//Hs.135336:AI049827
 45 F-HEM BB1001426//Homo sapiens clone 23579 mRNA sequence//8.3e-17:205:72//Hs.83466:AF038174
 F-HEM BB1001429//ESTs, Highly similar to CYTOSOL AMINOPEPTIDASE [Bos taurus]/5.5e-153:729:96//Hs.21679:AF034175
 F-HEM BB1001436//Human mRNA for KIAA0347 gene, complete cds//1.2e-44:316:85//Hs.101996:AB002345
 F-HEM BB1001443
 50 F-HEM BB1001449//Homo sapiens sodium bicarbonate cotransporter (HNBC1) mRNA, complete cds//0.033:478:58//Hs.5462:AF007216
 F-HEM BB1001454//ESTs//1.4e-46:279:93//Hs.104866:AA426038
 F-HEM BB1001458//EST//1.7e-09:106:83//Hs.141422:N20920
 F-HEM BB1001463//Homo sapiens mRNA for semaphorin E, complete cds//0.18:387:59//Hs.62705:AB000220
 55 F-HEM BB1001464//Homo sapiens Coch-5B2 mRNA, complete cds//0.26:189:67//Hs.21016:AF006740
 F-HEM BB1001482//Homo sapiens mRNA for KIAA0760 protein, partial cds//1.2e-27:292:74//Hs.137168:AB018303
 F-HEM BB1001500//ESTs//8.1e-28:312:74//Hs.18498:N52088

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F-HEM BB1001521//Homo sapiens mRNA for alpha(1,2)fucosyltransferase, complete cds//8.8e-54:359:74//Hs.46328:D87942
 F-HEM BB1001527//Protein tyrosine phosphatase, receptor type, f polypeptide//1.0:198:63//Hs.75216:Y00815
 F-HEM BB1001531//ESTs//4.3e-33:403:75//Hs.44862:N38735
 5 F-HEM BB1001535//ESTs//0.0029:47:93//Hs.124864:AA663093
 F-HEM BB1001536//ESTs//0.0047:120:68//Hs.144858:R67748
 F-HEM BB1001537//ESTs, Weakly similar to eukaryotic initiation factor eIF-2 alpha kinase [D.melanogaster]//3.7e-20:297:73//Hs.42457:AA523306
 F-HEM BB1001555//Human ring zinc-finger protein (ZNF127-Xp) gene and 5' flanking sequence//1.1e-35:188:77//
 10 Hs.102877:U41315
 F-HEM BB1001562//ESTs//0.95:161:61//Hs.145075:AI208240
 F-HEM BB1001564//Homo sapiens mRNA, chromosome 1 specific transcript KIAA0484//3.4e-49:526:73//Hs.158095:AB007953
 F-HEM BB1001565//Homo sapiens PYRIN (MEFV) mRNA, complete cds//1.9e-44:324:84//Hs.113283:AF018080
 15 F-HEM BB1001585
 F-HEM BB1001586//EST//0.84:132:64//Hs.145264:AI218708
 F-HEM BB1001588//Human clone 23695 mRNA sequence//6.6e-20:327:67//Hs.90798:U79289
 F-HEM BB1001603//ESTs//1.3e-12:84:96//Hs.13380:R60414
 F-HEM BB1001618//ESTs//4.4e-11:349:63//Hs.132046:AA693680
 20 F-HEM BB1001619//ESTs//2.1e-06:246:63//Hs.63428:AA058314
 F-HEM BB1001630//EST//1.4e-07:334:62//Hs.145698:AI266713
 F-HEM BB1001635//ESTs//0.92:282:60//Hs.126980:AA934077
 F-HEM BB1001637//ELK1, member of ETS oncogene family//1.1e-27:395:64//Hs.116549:AL009172
 F-HEM BB1001641//EST//0.11:53:81//Hs.112445:AA594279
 25 F-HEM BB1001653//EST//0.91:124:64//Hs.144213:T40480
 F-HEM BB1001665//Human mRNA for apolipoprotein E receptor 2, complete cds//7.0e-13:473:63//Hs.54481:D86407
 F-HEM BB1001668//ESTs//0.94:83:69//Hs.146202:AI252519
 F-HEM BB1001673//Homo sapiens mRNA for KIAA0646 protein, complete cds//2.3e-172:803:98//Hs.24439:
 30 AB014546
 F-HEM BB1001684//ESTs, Highly similar to Tbc1 [M.musculus]//5.4e-20:110:100//Hs.106104:AA599496
 F-HEM BB1001685//EST//2.2e-05:112:73//Hs.130984:AI015430
 F-HEM BB1001695//Human novel homeobox mRNA for a DNA binding protein//1.6e-08:425:62//Hs.37035:U07664
 F-HEM BB1001704//EST//5.8e-20:295:69//Hs.140231:AI054398
 35 F-HEM BB1001706
 F-HEM BB1001707//EST//0.091:241:60//Hs.136830:AA769219
 F-HEM BB1001717//ESTs//2.9e-06:325:60//Hs.150063:AI298064
 F-HEM BB1001735//Small inducible cytokine A5 (RANTES)//3.2e-46:326:83//Hs.155464:AF088219
 F-HEM BB1001736//ESTs, Weakly similar to E04D5.1 [C.elegans]//5.4e-99:485:97//Hs.120581:W25578
 40 F-HEM BB1001747//ESTs//8.3e-87:421:98//Hs.137051:AA884244
 F-HEM BB1001749//Homo sapiens neuronal thread protein AD7c-NTP mRNA, complete cds//3.5e-75:315:83//Hs.129735:AF010144
 F-HEM BB1001753//ESTs//0.00013:35:100//Hs.139643:H06263
 F-HEM BB1001756//ESTs//2.3e-89:433:98//Hs.128868:AA931077
 45 F-HEM BB1001760//ESTs//6.5e-06:503:58//Hs.21766:AI357639
 F-HEM BB1001762//Homo sapiens mRNA, chromosome 1 specific transcript KIAA0507//2.9e-13:498:60//Hs.158241:AB007976
 F-HEM BB1001785//EST//0.16:262:60//Hs.162526:AA584102
 F-HEM BB1001797//ESTs//0.37:201:63//Hs.91559:AA806370
 50 F-HEM BB1001802//ESTs//1.6e-06:447:58//Hs.134672:AI087951
 F-HEM BB1001812//Homo sapiens mRNA, chromosome 1 specific transcript KIAA0487//1.3e-54:311:81//Hs.92381:AB007956
 F-HEM BB1001816//ESTs//2.2e-39:302:84//Hs.35985:AA783017
 F-HEM BB1001831//Homo sapiens PAM COOH-terminal interactor protein 1 (PCIP1) mRNA, complete cds//7.6e-164:763:98//Hs.159396:AF056209
 55 F-HEM BB1001834//TRICHOHYALIN//7.1e-05:548:60//Hs.82276:L09190
 F-HEM BB1001836//Human mRNA for KIAA0033 gene, partial cds//4.0e-34:272:86//Hs.22271:D26067
 F-HEM BB1001839//Pyruvate carboxylase//0.050:686:59//Hs.89890:S72370

F-HEM BB1001850//EST//0.0035:204:61//Hs.7311:T23858
 F-HEM BB1001863//Small inducible cytokine A5 (RANTES)//3.0e-48:357:82//Hs.155464:AF088219
 F-HEM BB1001867//ESTs//2.2e-40:265:88//Hs.146323:AI251752
 F-HEM BB1001868//ESTs//5.2e-06:131:73//Hs.123362:AA811371
 5 F-HEM BB1001869//ESTs//1.0e-86:429:96//Hs.141208:AA825503
 F-HEM BB1001872
 F-HEM BB1001874//H.sapiens mRNA for CHD5 protein//0.0033:388:60//Hs.19923:Y12478
 F-HEM BB1001875//H.sapiens mRNA for RNA helicase (Myc-regulated dead box protein)//0.32:346:60//Hs.100555:X98743
 10 F-HEM BB1001880//EST//4.0e-28:171:92//Hs.151194:AI125868
 F-HEM BB1001899//ESTs//0.17:242:62//Hs.136969:AA830918
 F-HEM BB1001905
 F-HEM BB1001906//ESTs//5.6e-49:290:92//Hs.127298:H09155
 F-HEM BB1001908//Human monocytic leukaemia zinc finger protein (MOZ) mRNA, complete cds//1.2e-83:672:81//Hs.82210:U47742
 15 F-HEM BB1001910//EST, Weakly similar to albumin [H.sapiens]//0.047:206:62//Hs.159777:Z19955
 F-HEM BB1001911
 F-HEM BB1001915//ESTs//0.92:136:71//Hs.144465:R68882
 F-HEM BB1001921//EST//2.0e-19:398:67//Hs.44789:N36113
 20 F-HEM BB1001922//ESTs//4.3e-05:370:59//Hs.123669:AA805245
 F-HEM BB1001925//ESTs//5.7e-27:329:71//Hs.141071:H16398
 F-HEM BB1001930//EST//0.043:157:63//Hs.161927:AA483904
 F-HEM BB1001944//Human mRNA for KIAA0118 gene, partial cds//5.7e-55:444:80//Hs.154326:D42087
 F-HEM BB1001945//ESTs//1.1e-19:142:88//Hs.7341:N57875
 25 F-HEM BB1001947//Human mRNA for KIAA0392 gene, partial cds//1.8e-21:333:66//Hs.40100:AB002390
 F-HEM BB1001950//Homo sapiens Notch3 (NOTCH3) mRNA, complete cds//0.020:384:60//Hs.8546:U97669
 F-HEM BB1001952//EST//7.0e-13:302:63//Hs.120089:AA708101
 F-HEM BB1001953//ATL-derived PMA-responsive (APR) peptide//0.97:252:60//Hs.96:D90070
 F-HEM BB1001957//ESTs//6.1e-32:446:67//Hs.51305:T47418
 30 F-HEM BB1001962//Cytochrome P450, subfamily I (aromatic compound-inducible), polypeptide 2//2.3e-31:390:70//Hs.1361:M55053
 F-HEM BB1001967//H.sapiens mRNA for urea transporter//9.7e-52:322:88//Hs.66710:X96969
 F-HEM BB1001973//Myelin oligodendrocyte glycoprotein {alternative products}//2.1e-48:426:78//Hs.53217:Z48051
 35 F-HEM BB1001983
 F-HEM BB1001988//ESTs//6.5e-05:237:63//Hs.49760:AA741051
 F-HEM BB1001990//ESTs//0.25:171:64//Hs.7961:AA401205
 F-HEM BB1001996//ESTs//1.8e-19:436:65//Hs.125539:AI339103
 F-HEM BB1001997//EST//5.3e-33:294:76//Hs.161041:H82636
 40 F-HEM BB1002002//ESTs//1.9e-06:224:67//Hs.110915:AA132964
 F-HEM BB1002005//ESTs//5.8e-17:170:78//Hs.141825:AA017093
 F-HEM BB1002009//ESTs//0.066:441:58//Hs.125313:AI201685
 F-HEM BB1002015//EST//2.3e-18:310:68//Hs.145899:AI274951
 F-HEM BB1002042//CYTOCHROME P450 IVB1//2.9e-11:446:62//Hs.687:X16699
 45 F-HEM BB1002043//ESTs, Weakly similar to T06E6.d [C.elegans]//1.0:217:60//Hs.3487:AA425553
 F-HEM BB1002044
 F-HEM BB1002045
 F-HEM BB1002049//Homo sapiens mRNA for KIAA0713 protein, partial cds//0.082:201:61//Hs.88756:AB018256
 F-HEM BB1002050//Breakpoint cluster region protein BCR//0.84:267:59//Hs.2557:Y00661
 50 F-HEM BB1002068//Homo sapiens mRNA for KIAA0612 protein, partial cds//8.1e-07:402:61//Hs.112499:AB014512
 F-HEM BB1002069
 F-HEM BB1002092//EST//5.1e-15:180:75//Hs.127928:AA969239
 F-HEM BB1002094//EST//2.0e-52:264:98//Hs.71763:AA146625
 55 F-HEM BB1002115//EST//0.0083:244:64//Hs.125353:AA877080
 F-HEM BB1002134//ESTs//1.7e-69:398:91//Hs.157492:AI361027
 F-HEM BB1002139//ESTs//0.64:145:71//Hs.157821:AI362013
 F-HEM BB1002142//ESTs//0.013:311:59//Hs.150037:AI292214

- F-HEM BB1002152//ESTs//8.4e-12:121:82//Hs.119540:T95254
 F-HEM BB1002189//EST//0.26:81:70//Hs.147726:AI220208
 F-HEM BB1002190//Alcohol dehydrogenase 2 (class I), beta polypeptide//0.16:608:58//Hs.4:X03350
 F-HEM BB1002193//Human sky mRNA for Sky, complete cds//6.6e-35:179:100//Hs.301:U18934
 5 F-HEM BB1002217//Homo sapiens mRNA for zinc finger protein 10//3.7e-25:405:67//Hs.104115:X52332
 F-HEM BB1002218//EST//0.015:241:61//Hs.105298:AA489813
 F-HEM BB1002232//Small inducible cytokine A5 (RANTES)//9.0e-31:365:71//Hs.155464:AF088219
 F-HEM BB1002247
 F-HEM BB1002249//Homo sapiens haemopoietic progenitor homeobox HPX42B (HPX42B) mRNA, complete cds//
 10 6.8e-47:418:77//Hs.125231:AF068006
 F-HEM BB1002254//Homo sapiens mRNA for KIAA0594 protein, partial cds//5.0e-47:437:77//Hs.154872:
 AB011166
 F-HEM BB1002255//ESTs//0.017:255:61//Hs.126786:U74314
 F-HEM BB1002266//Homo sapiens retinoblastoma-associated protein HEC mRNA, complete cds//0.17:511:57//
 15 Hs.58169:AF017790
 F-HEM BB1002280//EST//4.0e-35:182:98//Hs.127701:AA864998
 F-HEM BB1002300
 F-HEM BB1002306//Human G protein-coupled receptor (STRL22) mRNA, complete cds//6.3e-14:228:72//Hs.
 46468:U45984
 20 F-HEM BB1002327//EST//4.3e-21:242:75//Hs.72377:AA161083
 F-HEM BB1002329//ESTs, Weakly similar to C17G10.1 [C.elegans]//1.7e-77:399:96//Hs.105837:AA536054
 F-HEM BB1002340//INSULIN-DEGRADING ENZYME//1.0:319:60//Hs.1508:M21188
 F-HEM BB1002342//Homo sapiens mRNA for putative thioredoxin-like protein//1.4e-155:724:98//Hs.42644:
 AJ010841
 25 F-HEM BB1002358//Deoxythymidylate kinase//1.1e-37:192:98//Hs.79006:L16991
 F-HEM BB1002359//Human Rev interacting protein Rip-1 mRNA, complete cds//1.7e-06:66:96//Hs.154762:
 U00943
 F-HEM BB1002364//EST//4.7e-16:201:73//Hs.149925:AI288838
 F-HEM BB1002371//EST//2.4e-07:319:61//Hs.136459:AA577796
 30 F-HEM BB1002381
 F-HEM BB1002383//vasoactive intestinal peptide receptor 2//0.98:190:63//Hs.2126:L36566
 F-HEM BB1002387//EST//2.1e-07:253:61//Hs.145993:AI277784
 F-HEM BB1002409//ESTs//1.4e-11:94:91//Hs.125958:AI206456
 F-HEM BB1002415//Homo sapiens mRNA, chromosome 1 specific transcript KIAA0501//2.0e-32:371:73//Hs.
 35 159897:AB007970
 F-HEM BB1002425//Fc fragment of IgA, receptor for//2.7e-32:156:82//Hs.54486:X54150
 F-HEM BB1002442
 F-HEM BB1002453//Human mRNA for KIAA0118 gene, partial cds//5.6e-53:461:77//Hs.154326:D42087
 F-HEM BB1002457//ESTs//3.4e-25:184:70//Hs.140225:AA704101
 40 F-HEM BB1002458//ESTs//7.0e-10:343:62//Hs.163816:N76274
 F-HEM BB1002477//Human Grb2-associated binder-1 mRNA, complete cds//6.0e-89:493:92//Hs.159605:U43885
 F-HEM BB1002489//Homo sapiens 195 kDa cornified envelope precursor mRNA, complete cds//0.019:228:63//
 Hs.74304:AF001691
 F-HEM BB1002492//EST//0.24:149:62//Hs.146790:AI149051
 45 F-HEM BB1002495//Fc fragment of IgE, high affinity I, receptor for; beta polypeptide//1.3e-22:331:71//Hs.30:
 M89796
 F-HEM BB1002502//ESTs//1.3e-41:380:78//Hs.61199:AA024494
 F-HEM BB1002509//ESTs//0.017:220:63//Hs.155263:AI273725
 F-HEM BB1002510//ESTs//6.4e-102:476:99//Hs.152289:AI247354
 50 F-HEM BB1002520//Human Line-1 repeat mRNA with 2 open reading frames//2.4e-50:580:72//Hs.23094:M19503
 F-HEM BB1002522//EST//0.010:172:62//Hs.147224:AI205719
 F-HEM BB1002531
 F-HEM BB1002534//Small inducible cytokine A5 (RANTES)//3.7e-59:258:88//Hs.155464:AF088219
 F-HEM BB1002545//ESTs//3.9e-24:181:86//Hs.13753:AI088102
 55 F-HEM BB1002550//Syntaxin 5A//0.27:354:59//Hs.154546:U26648
 F-HEM BB1002556//ESTs//1.7e-33:286:79//Hs.146173:AA906191
 F-HEM BB1002579//EST//1.0:77:68//Hs.147935:AI250286
 F-HEM BB1002582//ESTs//0.00032:178:68//Hs.139163:AA226095

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F-HEMBB1002590//ESTs//0.64:132:63//Hs.155688:AI003657
F-HEMBB1002596//ESTs//3.4e-19:462:64//Hs.124399:AA832336
F-HEMBB1002600//Homo sapiens tetraspan NET-5 mRNA, complete cds//3.0e-152:710:98//Hs.129826:
AF089749
5 F-HEMBB1002601//EST//9.6e-13:368:62//Hs.137080:AA894817
F-HEMBB1002603//EST//0.10:144:63//Hs.158180:AI367945
F-HEMBB1002607//ESTs//0.024:345:62//Hs.143304:AI084058
F-HEMBB1002610//EST//2.1e-14:291:64//Hs.140573:AA826323
F-HEMBB1002613//ESTs//1.9e-17:192:75//Hs.141161:AA210711
10 F-HEMBB1002614//ESTs//0.0048:136:71//Hs.106280:R13901
F-HEMBB1002617//EST//0.034:320:59//Hs.41223:H89127
F-HEMBB1002623//ESTs//0.88:222:60//Hs.129920:AA167217
F-HEMBB1002635//Human MAP kinase mRNA, complete cds//3.1e-23:127:100//Hs.151051:U07620
F-HEMBB1002664//EST//0.00013:203:61//Hs.117141:AA678811
15 F-HEMBB1002677//ESTs//2.4e-22:439:66//Hs.132046:AA693680
F-HEMBB1002683//ESTs//0.23:224:61//Hs.128883:AI026679
F-HEMBB1002684//ESTs//7.2e-09:82:87//Hs.140457:H05124
F-HEMBB1002686//EST//0.25:189:62//Hs.132431:AA909674
F-HEMBB1002692//ESTs//0.00020:162:66//Hs.118180:N68504
20 F-HEMBB1002697//EST//7.2e-17:219:74//Hs.100459:T61992
F-HEMBB1002699//Homo sapiens transmembrane activator and CAML interactor (TACI) mRNA, complete cds//
0.059:297:62//Hs.158341:AF023614
F-HEMBB1002702//ESTs//0.26:284:61//Hs.41250:H89588
F-HEMBB1002705//ESTs, Weakly similar to HYPOTHETICAL 38.5 KD PROTEIN IN SUI2-TDH2 INTERGENIC
25 REGION [Saccharomyces cerevisiae]//0.0048:84:83//Hs.20814:AI242922
F-HEMBB1002712//ESTs//0.0025:317:58//Hs.7344:AA972729
F-MAMMA1000009//Human c-yes-1 mRNA//1.0e-48:447:77//Hs.75680:M15990
F-MAMMA1000019
F-MAMMA1000020//EST//2.6e-84:431:95//Hs.143333:H51750
30 F-MAMMA1000025//EST//1.0:169:59//Hs.130165:AA906945
F-MAMMA1000043//Human NSCL-1 mRNA sequence//0.94:262:60//Hs.30956:M96739
F-MAMMA1000045//ESTs//1.7e-48:499:75//Hs.158469:AA897461
F-MAMMA1000055//ESTs, Highly similar to TESTIN 2 PRECURSOR [Mus musculus]//2.7e-18:330:63//Hs.59906:
AA001281
35 F-MAMMA1000057//Homo sapiens DNA fragmentation factor 40 kDa subunit (DFF40) mRNA, complete cds//1.2e-
50:367:75//Hs.133089:AF064019
F-MAMMA1000069//ESTs//0.58:286:60//Hs.134417:AI336840
F-MAMMA1000084//Human mRNA for KIAA0033 gene, partial cds//1.1e-48:641:70//Hs.22271:D26067
F-MAMMA1000085//Homo sapiens mRNA for KIAA0602 protein, partial cds//0.00013:199:69//Hs.37656:
40 AB011174
F-MAMMA1000092//Homo sapiens telomeric repeat binding factor (TRF1) mRNA, complete cds//1.2e-52:346:77//
Hs.90357:U40705
F-MAMMA1000103//Homo sapiens mRNA for extracellular matrix protein, complete cds//1.0:151:64//Hs.35094:
AB011792
45 F-MAMMA1000117
F-MAMMA1000129//RYANODINE RECEPTOR, SKELETAL MUSCLE//0.0015:492:60//Hs.89631:U48508
F-MAMMA1000133//ESTs//1.0:125:67//Hs.118309:AA653402
F-MAMMA1000134//EST//1.2e-08:75:92//Hs.160674:AI248319
F-MAMMA1000139//EST//5.5e-10:139:76//Hs.159121:AI383843
50 F-MAMMA1000143//Homo sapiens mRNA for KIAA0685 protein, complete cds//2.2e-26:148:97//Hs.153121:
AB014585
F-MAMMA1000155//Homo sapiens homeobox transcription factor barx2 (BARX2) mRNA, complete cds//3.3e-31:
219:87//Hs.129724:AF031924
F-MAMMA1000163//ESTs//1.2e-59:317:94//Hs.49559:AA401050
55 F-MAMMA1000171//ESTs//1.7e-09:161:69//Hs.119070:AA629695
F-MAMMA1000173//Human drebrin E2 mRNA (DBN1), complete cds//9.2e-40:686:65//Hs.89434:D17530
F-MAMMA1000175//ESTs//0.65:141:68//Hs.133152:H91657
F-MAMMA1000183//Human mRNA for KIAA0065 gene, partial cds//1.0e-92:904:72//Hs.70617:D31763

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F-MAMMA1000198//ESTs//0.0092:235:62//Hs.98783:AI091739
 F-MAMMA1000221//EST//3.3e-16:95:98//Hs.128271:AA973035
 F-MAMMA1000227//ESTs//0.010:268:60//Hs.16412:AA506926
 F-MAMMA1000241//ESTs//0.13:140:67//Hs.12328:AI377913
 5 F-MAMMA1000251//EST//3.7e-07:118:73//Hs.153116:AA856873
 F-MAMMA1000254//ESTs//0.00023:245:59//Hs.150513:AI247587
 F-MAMMA1000257//EST//4.2e-10:155:74//Hs.150409:AI003543
 F-MAMMA1000264//ESTs//2.0e-18:217:75//Hs.152748:N53015
 F-MAMMA1000266//EST//0.14:270:60//Hs.132593:AI031874
 10 F-MAMMA1000270//Human mRNA for KIAA0118 gene, partial cds//2.5e-54:354:87//Hs.154326:D42087
 F-MAMMA1000277//Hydroxysteroid (11-beta) dehydrogenase 2//1.0e-07:306:65//Hs.1376:U26726
 F-MAMMA1000278//ESTs//4.0e-09:197:67//Hs.157034:AI347361
 F-MAMMA1000279//Complement component 5 receptor 1 (C5a ligand)//8.4e-34:341:68//Hs.2161:M62505
 F-MAMMA1000284
 15 F-MAMMA1000287//Human mRNA for KIAA0118 gene, partial cds//5.4e-50:245:84//Hs.154326:D42087
 F-MAMMA1000302//EST//5.3e-40:213:98//Hs.122363:AA788641
 F-MAMMA1000307//Polycystic kidney disease 1 (autosomal dominant)//0.55:510:57//Hs.75813:L33243
 F-MAMMA1000309//Apolipoprotein E//9.7e-06:691:58//Hs.76260:M12529
 F-MAMMA1000312//EST//0.042:183:63//Hs.158928:AI379519
 20 F-MAMMA1000313
 F-MAMMA1000331
 F-MAMMA1000339
 F-MAMMA1000340//ESTs, Highly similar to HYPOTHETICAL 29.4 KD PROTEIN IN STE6-LOS1 INTERGENIC
 REGION [Saccharomyces cerevisiae]//2.9e-11:87:93//Hs.13096:AA180963
 25 F-MAMMA1000348//Homo sapiens KIAA0432 mRNA, complete cds//3.6e-23:270:72//Hs.155174:AB007892
 F-MAMMA1000356//Homo sapiens mRNA, chromosome 1 specific transcript KIAA0484//3.7e-24:233:72//Hs.
 158095:AB007953
 F-MAMMA1000360//Human Line-1 repeat mRNA with 2 open reading frames//9.0e-75:498:85//Hs.23094:M19503
 F-MAMMA1000361//Human mRNA for KIAA0118 gene, partial cds//9.1e-50:304:85//Hs.154326:D42087
 30 F-MAMMA1000372//EST//1.2e-53:376:86//Hs.144295:AA136569
 F-MAMMA1000385//ESTs//1.4e-22:220:76//Hs.142552:AA235344
 F-MAMMA1000388//Homo sapiens UKLF mRNA for ubiquitous Kruppel like factor, complete cds//1.2e-149:710:
 98//Hs.32170:AB015132
 F-MAMMA1000395//Acyl-Coenzyme A dehydrogenase, very long chain//0.74:330:60//Hs.82208:L46590
 35 F-MAMMA1000402//Human Line-1 repeat mRNA with 2 open reading frames//2.4e-58:834:68//Hs.23094:M19503
 F-MAMMA1000410//Human NADH:ubiquinone oxidoreductase subunit B13 (B13) mRNA, complete cds//1.2e-08:
 117:84//Hs.83916:U53468
 F-MAMMA1000413//ESTs//3.3e-31:209:88//Hs.146154:AI200725
 F-MAMMA1000414//ESTs//0.82:132:62//Hs.124857:AA687092
 40 F-MAMMA1000416//ESTs, Weakly similar to HYPOTHETICAL 32.0 KD PROTEIN C09F5.2 IN CHROMOSOME
 III [C.elegans]//9.8e-33:267:81//Hs.32370:AA521111
 F-MAMMA1000421//ESTs//7.3e-33:320:75//Hs.121659:H02532
 F-MAMMA1000422//Homo sapiens protocadherin (PCDH8) mRNA, complete cds//0.98:553:56//Hs.19492:
 AF061573
 45 F-MAMMA1000423//EST//0.0075:179:63//Hs.162974:AA678459
 F-MAMMA1000424//ESTs//1.3e-17:313:67//Hs.139858:AI377641
 F-MAMMA1000429//Homo sapiens sorting nexin 3 (SNX3) mRNA, complete cds//5.1e-48:491:72//Hs.12102:
 AF034546
 F-MAMMA1000431//ISLET AMYLOID POLYPEPTIDE PRECURSOR//5.1e-39:320:81//Hs.51048:X68830
 50 F-MAMMA1000444//Homo sapiens mRNA for KIAA0594 protein, partial cds//9.1e-39:342:78//Hs.154872:
 AB011166
 F-MAMMA1000446
 F-MAMMA1000458//ESTs, Weakly similar to similar to CCAAT/enhancer-binding protein [C.elegans]//5.1e-08:58:
 93//Hs.9043:W21827
 55 F-MAMMA1000468//Homo sapiens mRNA for 6-phosphofructo-2-kinase/fructose-2,6-bisphosphatase, complete
 cds//0.58:311:63//Hs.66721:D49818
 F-MAMMA1000472//ISLET AMYLOID POLYPEPTIDE PRECURSOR//2.1e-44:346:80//Hs.51048:X68830
 F-MAMMA1000478//Homo sapiens PYRIN (MEFV) mRNA, complete cds//0.0017:157:73//Hs.113283:AF018080

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F-MAMMA1000483//ISLET AMYLOID POLYPEPTIDE PRECURSOR//4.5e-39:400:75//Hs.51048:X68830
 F-MAMMA1000490//ESTs//3.6e-52:331:88//Hs.163686:AA291948
 F-MAMMA1000500//EST//9.7e-73:346:99//Hs.98812:AA434482
 F-MAMMA1000501//Small inducible cytokine A5 (RANTES)//2.3e-50:325:86//Hs.155464:AF088219
 5 F-MAMMA1000516//Oxytocin receptor//1.6e-29:660:64//Hs.2820:X64878
 F-MAMMA1000522//ESTs//2.9e-23:328:70//Hs.125142:AA421352
 F-MAMMA1000524//ESTs//1.1e-08:211:65//Hs.33467:R85497
 F-MAMMA1000559//EST//4.7e-17:207:71//Hs.162733:AA614352
 F-MAMMA1000565
 10 F-MAMMA1000567//Homo sapiens haemopoietic progenitor homeobox HPX42B (HPX42B) mRNA, complete
 cds//5.8e-51:404:80//Hs.125231:AF068006
 F-MAMMA1000576//ESTs//3.8e-32:236:74//Hs.140039:AA047045
 F-MAMMA1000583//ESTs//0.00099:123:70//Hs.135173:AI276780
 F-MAMMA1000585//Homo sapiens class-I MHC-restricted T cell associated molecule (CRTAM) mRNA, complete
 15 cds//8.8e-45:390:78//Hs.159523:AF001622
 F-MAMMA1000594//ESTs//8.3e-42:322:81//Hs.161660:AA167744
 F-MAMMA1000597//Homo sapiens KIAA0426 mRNA, complete cds//2.6e-37:592:68//Hs.97476:AB007886
 F-MAMMA1000605//Homo sapiens 4F5S mRNA, complete cds//5.1e-26:228:73//Hs.32567:AF073519
 F-MAMMA1000612//Homo sapiens Gx protein (GX) mRNA, complete cds//0.00091:300:60//Hs.29207:AF071494
 20 F-MAMMA1000616//ESTs//0.41:373:59//Hs.130699:AA621478
 F-MAMMA1000621//EST//0.027:146:62//Hs.148305:AA909605
 F-MAMMA1000623
 F-MAMMA1000625//Homo sapiens ES/130 mRNA, complete cds//0.89:428:56//Hs.98614:AF006751
 F-MAMMA1000643//Homo sapiens nephrocystin (NPHP1) mRNA, partial cds//0.092:365:59//Hs.75474:
 25 AF023674
 F-MAMMA1000664//ESTs//7.6e-07:259:64//Hs.140622:AA844353
 F-MAMMA1000669//Human kpni repeat mrna (cdna clone pcd-kpni-4),3' end//9.0e-30:531:64//Hs.139107:
 K00629
 F-MAMMA1000670//ESTs//6.6e-83:389:100//Hs.148595:AI244490
 30 F-MAMMA1000672//Homo sapiens CAGH32 mRNA, partial cds//0.17:109:73//Hs.4316:U80743
 F-MAMMA1000684//Homo sapiens forkhead protein FREAC-2 mRNA, complete cds//3.3e-07:249:62//Hs.44481:
 U13220
 F-MAMMA1000696//Interleukin 10//5.6e-47:355:82//Hs.2180:M57627
 F-MAMMA1000707//ESTs//1.4e-09:225:65//Hs.138722:N51081
 35 F-MAMMA1000713//Acetylcholinesterase [4-E5 domain] [human, tumor cell lines, Genomic, 847 nt]//0.16:84:72//
 Hs.157124:S71129
 F-MAMMA1000714//Human clone 23947 mRNA, partial cds//0.97:263:6//Hs.27414:U79275
 F-MAMMA1000718//ESTs, Weakly similar to putative p150 [H.sapiens]//5.0e-07:210:66//Hs.71148:AA854648
 F-MAMMA1000720//ESTs//1.4e-50:301:83//Hs.138852:AA284247
 40 F-MAMMA1000723//ESTs, Weakly similar to ORF2-like protein [H.sapiens]//8.1e-22:288:72//Hs.114685:
 AA700024
 F-MAMMA1000731//Homo sapiens CHD1 mRNA, complete cds//1.5e-23:292:66//Hs.22670:AF006513
 F-MAMMA1000732//Homo sapiens mRNA, chromosome 1 specific transcript KIAA0484//4.8e-40:288:78//Hs.
 158095:AB007953
 45 F-MAMMA1000733//RAS GTPASE-ACTIVATING-LIKE PROTEIN IQGAP1//0.25:467:58//Hs.1742:L33075
 F-MAMMA1000734//Homo sapiens SEC63 (SEC63) mRNA, complete cds//2.3e-169:802:98//Hs.31575:
 AF100141
 F-MAMMA1000738//EST//1.0:149:63//Hs.136928:AA812580
 F-MAMMA1000744//Homo sapiens mRNA for KIAA0575 protein, complete cds//3.3e-51:323:88//Hs.153468:
 50 AB011147
 F-MAMMA1000746//ESTs//2.3e-42:409:76//Hs.61199:AA024494
 F-MAMMA1000752//EST, Weakly similar to putative p150 [H.sapiens]//1.1e-14:285:68//Hs.162011:AA513663
 F-MAMMA1000760//Myelin oligodendrocyte glycoprotein [alternative products]//6.2e-47:341:82//Hs.53217:
 Z48051
 55 F-MAMMA1000761//ESTs, Moderately similar to !!!! ALU SUBFAMILY SX WARNING ENTRY !!!! [H.sapiens]//
 9.8e-19:131:76//Hs.118972:AA761369
 F-MAMMA1000775//EST//6.9e-32:424:69//Hs.44554:N34288
 F-MAMMA1000776//ESTs//5.5e-43:154:84//Hs.141581:AA315361

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F-MAMMA1000778//EST//4.4e-28:226:80//Hs.128952:AA984114
 F-MAMMA1000782//ESTs//0.35:270:60//Hs.29153:AA551137
 F-MAMMA1000798//Homo sapiens clone 24407 mRNA sequence//1.6e-23:531:65//Hs.12432:AF070575
 F-MAMMA1000802//ESTs//3.1e-67:340:97//Hs.126081:AA459849
 5 F-MAMMA1000824//ESTs//0.98:44:90//Hs.42802:N20130
 F-MAMMA1000831//ESTs//0.0081:194:60//Hs.150400:AI298089
 F-MAMMA1000839//Small inducible cytokine A5 (RANTES)//4.7e48:241:74//Hs.155464:AF088219
 F-MAMMA1000841
 F-MAMMA1000842//Human monocytic leukaemia zinc finger protein (MOZ) mRNA, complete cds//0.18:483:59//
 10 Hs.82210:U47742
 F-MAMMA1000843//EST//0.34:113:68//Hs.58415:W74696
 F-MAMMA1000845//EST//2.9e-06:56:80//Hs.123243:AA804877
 F-MAMMA1000851//EST//0.78:103:65//Hs.135656:AA907022
 F-MAMMA1000855
 15 F-MAMMA1000856//Homo sapiens preprocathepsin P mRNA, partial cds//0.14:320:59//Hs.71388:AF032906
 F-MAMMA1000859//SOX-3 PROTEIN//0.014:474:57//Hs.157429:X71135
 F-MAMMA1000862//EST//1.0:92:66//Hs.157599:AI357342
 F-MAMMA1000863//ELK1, member of ETS oncogene family//1.2e-30:214:75//Hs.116549:AL009172
 F-MAMMA1000865//ESTs//0.99:127:66//Hs.125230:AA873812
 20 F-MAMMA1000867//EST//0.027:236:60//Hs.147156:AI191777
 F-MAMMA1000875//Human mRNA for KIAA0269 gene, complete cds//0.96:245:59//Hs.75850:D87459
 F-MAMMA1000876//ESTs//1.5e-39:192:90//Hs.132020:AA704147
 F-MAMMA1000877//ESTs, Weakly similar to !!!! ALU SUBFAMILY J WARNING ENTRY !!!! [H.sapiens]//1.4e-91:
 484:94//Hs.138938:AA012894
 25 F-MAMMA1000880//EST//0.014:142:66//Hs.137044:AA878812
 F-MAMMA1000883//EST//1.0:166:62//Hs.126352:AA894465
 F-MAMMA1000897//H.sapiens mRNA for inter-alpha-trypsin inhibitor heavy chain H3//2.6e-06:211:63//Hs.76716:
 X67055
 F-MAMMA1000905//Cartilage matrix protein//0.97:190:64//Hs.150366:M55683
 30 F-MAMMA1000906//ESTs//3.0e-07:145:72//Hs.133556:AA702506
 F-MAMMA1000908//ESTs//1.1e-70:484:84//Hs.142497:AA189081
 F-MAMMA1000914//Angiopoietin 1//0.14:450:59//Hs.2463:D13628
 F-MAMMA1000921//ESTs//6.8e-96:448:99//Hs.135721:AI125239
 F-MAMMA1000931//CD4 receptor {exons 1 and 2} [human, T-lymphocyte, mRNA, 3429 nt]//1.0e-25:312:66//Hs.
 35 116007:S79267
 F-MAMMA1000940//EST//2.9e-42:209:76//Hs.140567:AA825968
 F-MAMMA1000941//Dihydrolipoamide branched chain transacylase (E2 component of branched chain keto acid
 dehydrogenase complex)//1.8e-38:395:71//Hs.89479:X66785
 F-MAMMA1000942//ESTs//1.9e-19:252:71//Hs.141575:AA211734
 40 F-MAMMA1000943//Human mRNA for KIAA0305 gene, complete cds//0.077:236:63//Hs.83790:AB002303
 F-MAMMA1000956//Homo sapiens hRVP1 mRNA for RVP1, complete cds//8.8e-33:566:64//Hs.25640:AB000714
 F-MAMMA1000957//ESTs//1.0:177:59//Hs.149864:N80474
 F-MAMMA1000962//Homo sapiens neuronal thread protein AD7c-NTP mRNA, complete cds//1.1e-56:310:85//
 Hs.129735:AF010144
 45 F-MAMMA1000968//ESTs//9.2e-18:128:89//Hs.163980:AA715814
 F-MAMMA1000975//ESTs//3.8e-08:219:66//Hs.110937:AA137096
 F-MAMMA1000979//EST//0.00022:155:65//Hs.101379:Z39802
 F-MAMMA1000987//EST//1.1e-48:373:81//Hs.139034:W27062
 F-MAMMA1000998//EST//2.0e-07:356:62//Hs.132467:AA922007
 50 F-MAMMA1001003//ESTs//0.47:129:67//Hs.164016:AI003724
 F-MAMMA1001008//ESTs//1.9e-17:153:82//Hs.141161:AA210711
 F-MAMMA1001021//Homo sapiens beta-dystrobrevin (BDTN) mRNA, complete cds//4.7e-17:100:100//Hs.13451:
 Y15718
 F-MAMMA1001024//ESTs//0.97:251:62//Hs.59389:R93968
 55 F-MAMMA1001030//Homo sapiens orphan G protein-coupled receptor HG38 mRNA, complete cds//3.6e-32:753:
 61//Hs.98384:AF062006
 F-MAMMA1001035//ESTs//6.9e-28:268:77//Hs.139536:AA180857
 F-MAMMA1001038

- F-MAMMA1001041//ALPHA-ACTININ 1, CYTOSKELETAL ISOFORM//2.7e-10:357:65//Hs.119000:M95178
 F-MAMMA1001050//EST//1.8e-29:321:74//Hs.161240:AI419882
 F-MAMMA1001059//ESTs, Weakly similar to protein synthesis initiation factor 4A-II homolog//7.9e-87:415:99//Hs.135623:AA134719
- 5 F-MAMMA1001067//EST//0.30:166:60//Hs.148441:AI198503
 F-MAMMA1001073//ESTs//1.0e-98:476:98//Hs.98321:AA455585
 F-MAMMA1001074//ESTs//1.6e-82:396:98//Hs.118923:AA252116
 F-MAMMA1001075//Homo sapiens (clone F4) transmembrane protein mRNA sequence//3.7e-29:559:65//Hs.135251:L09749
- 10 F-MAMMA1001078//Human Line-1 repeat mRNA with 2 open reading frames//2.7e-99:689:83//Hs.23094:M19503
 F-MAMMA1001080//IG ALPHA-2 CHAIN C REGION//5.8e-43:319:81//Hs.32225:AF067420
 F-MAMMA1001082//ESTs//6.2e-28:275:77//Hs.152685:AA613896
 F-MAMMA1001091//Homo sapiens mRNA for KIAA0711 protein, complete cds//0.0081:586:57//Hs.5333:AB018254
- 15 F-MAMMA1001092//Human kpni repeat mrna (cdna clone pcd-kpni-8), 3' end//5.1e-24:328:72//Hs.103948:K00627
 F-MAMMA1001105//Homo sapiens OVO-like 1 binding protein (OVOL1) mRNA, complete cds//2.1e-24:507:66//Hs.97905:AF016045
 F-MAMMA1001110//Human mRNA for KIAA0125 gene, complete cds//0.94:448:57//Hs.38365:D50915
- 20 F-MAMMA1001126//Small inducible cytokine A5 (RANTES)//4.6e-18:123:85//Hs.155464:AF088219
 F-MAMMA1001133
 F-MAMMA1001139
 F-MAMMA1001143//ESTs//2.6e-18:121:82//Hs.135117:AI091534
 F-MAMMA1001145//ESTs//1.5e-36:442:69//Hs.124712:H90217
- 25 F-MAMMA1001154//EST//0.054:208:61//Hs.162088:AA505741
 F-MAMMA1001161//Homo sapiens mRNA for KIAA0575 protein, complete cds//6.6e-38:337:77//Hs.153468:AB011147
 F-MAMMA1001162//EST//4.7e-16:117:90//Hs.130894:AI014299
 F-MAMMA1001181
- 30 F-MAMMA1001186//Human macrophage-derived chemokine precursor (MDC) mRNA, complete cds//6.5e-47:313:81//Hs.97203:U83171
 F-MAMMA1001191//ESTs//5.8e-34:197:94//Hs.121575:AA758083
 F-MAMMA1001198
 F-MAMMA1001202//ESTs//1.5e-37:210:83//Hs.79788:AA527348
- 35 F-MAMMA1001203//ESTs//1.2e-29:199:76//Hs.141605:H92974
 F-MAMMA1001206//ESTs, Weakly similar to !!!! ALU SUBFAMILY J WARNING ENTRY !!!! [H.sapiens]//5.5e-25:275:75//Hs.105292:AA504776
 F-MAMMA1001215//ESTs//1.9e-06:300:63//Hs.113566:T03200
 F-MAMMA1001220//Human mRNA for KIAA0118 gene, partial cds//2.7e-53:367:84//Hs.154326:D42087
- 40 F-MAMMA1001222//Homo sapiens mRNA for KIAA0634 protein, partial cds//1.8e-05:435:59//Hs.30898:AB014534
 F-MAMMA1001243//ESTs//5.2e-19:118:94//Hs.122830:AA765587
 F-MAMMA1001244
 F-MAMMA1001249//ESTs//1.3e-89:420:99//Hs.147744:AI220476
- 45 F-MAMMA1001256//ESTs//2.1e-34:282:80//Hs.46158:AI160121
 F-MAMMA1001259//ESTs//2.9e-07:68:95//Hs.6193:AA045149
 F-MAMMA1001260//Homo sapiens mRNA for KIAA0661 protein, complete cds//2.8e-41:659:64//Hs.65238:AB014561
- 50 F-MAMMA1001268//Human Line-1 repeat mRNA with 2 open reading frames//1.7e-33:336:74//Hs.23094:M19503
 F-MAMMA1001271//Homo sapiens CAGH3 mRNA, complete cds//3.4e-06:487:59//Hs.21858:U80747
 F-MAMMA1001274//Human mRNA for KIAA0080 gene, partial cds//5.1e-62:396:76//Hs.74554:D38522
 F-MAMMA1001280//ESTs//7.3e-14:273:67//Hs.126503:AA913832
 F-MAMMA1001292//Human mRNA for KIAA0176 gene, partial cds//5.6e-54:616:71//Hs.4935:D79998
 F-MAMMA1001296//ESTs//4.8e-34:136:85//Hs.70279:AA757426
- 55 F-MAMMA1001298//ESTs//0.021:73:80//Hs.114233:N91305
 F-MAMMA1001305//Human DNA sequence from PAC 127B20 on chromosome 22q11.2-qter, contains gene for GTPase-activating protein similar to rhoGAP protein, ribosomal protein L6 pseudogene, ESTs and CA repeat//1.9e-58:295:97//Hs.102336:Z83838

F-MAMMA1001322//ESTs//9.4e-18:221:74//Hs.139132:AA211087
 F-MAMMA1001324//Human endogenous retrovirus pHE.1 (ERV9)//6.7e-75:745:73//Hs.93174:X57147
 F-MAMMA1001330//ESTs//2.6e-26:169:91//Hs.4209:AA205806
 F-MAMMA1001341//ESTs//0.10:267:62//Hs.155922:AI147197
 5 F-MAMMA1001343//ESTs//0.0024:323:62//Hs.119238:AA476267
 F-MAMMA1001346//Homo sapiens mRNA for KIAA0715 protein, partial cds//0.94:89:75//Hs.109358:AB018258
 F-MAMMA1001383//Putative mismatch repair/binding protein hMSH3//7.3e-49:273:80//Hs.42674:U61981
 F-MAMMA1001388//INSULIN-LIKE GROWTH FACTOR BINDING PROTEIN COMPLEX ACID LABILE CHAIN
 PRECURSOR//4.6e-09:415:58//Hs.839:M86826
 10 F-MAMMA1001397//Prostaglandin I2 (prostacyclin) synthase //1.3e-26:358:67//Hs.61333:D83402
 F-MAMMA1001408//ESTs//7.2e-06:123:72//Hs.26753:R60763
 F-MAMMA1001411//Autosomal dominant polycystic kidney disease type II//1.0:176:64//Hs.82001:U50928
 F-MAMMA1001419//Homo sapiens KIAA0395 mRNA, partial cds//4.1e-45:409:80//Hs.43681:AL022394
 F-MAMMA1001420//Homo sapiens mRNA for alpha(1,2)fucosyltransferase, complete cds//0.00042:125:75//Hs.
 15 46328:D87942
 F-MAMMA1001435//Human HsLIM15 mRNA for HsLim15, complete cds//8.2e-43:543:71//Hs.37181:D64108
 F-MAMMA1001442//ESTs//7.9e-15:103:92//Hs.25780:R51321
 F-MAMMA1001446//ESTs//3.5e-44:292:73//Hs.111583:AA463590
 F-MAMMA1001452//ESTs//0.73:152:65//Hs.163766:AI424040
 20 F-MAMMA1001465//ESTs//1.0e-15:201:75//Hs.8836:AA181053
 F-MAMMA1001476//Human mRNA for 5'-terminal region of UMK, complete cds//2.0e-24:273:72//Hs.75939:
 D78335
 F-MAMMA1001487//ESTs, Weakly similar to ORF2-like protein [H.sapiens]/3.2e-25:397:68//Hs.116874:
 AA524909
 25 F-MAMMA1001501//CALPAIN 1, LARGE//3.1e-53:438:81//Hs.2575:X04366
 F-MAMMA1001502//Human p120E4F transcription factor mRNA, complete cds//0.99:258:61//Hs.154196:U87269
 F-MAMMA1001510//ESTs//8.7e-09:380:61//Hs.118701:AA420795
 F-MAMMA1001522//ESTs//7.1e-44:321:80//Hs.120170:AI018506
 F-MAMMA1001547
 30 F-MAMMA1001551//Homo sapiens mRNA for KIAA0462 protein, partial cds//7.5e-130:614:98//Hs.129937:
 AB007931
 F-MAMMA1001575//ESTs, Weakly similar to zinc finger protein C2H2-171 [H.sapiens]/0.71:181:62//Hs.118866:
 AI017072
 F-MAMMA1001576//Tubulin, gamma polypeptide//5.7e-97:529:91//Hs.150785:M61764
 35 F-MAMMA1001590//EST//1.7e-13:94:92//Hs.95900:AA160339
 F-MAMMA1001600//EST//1.0e-08:81:87//Hs.149220:AI247132
 F-MAMMA1001604//EST//0.0070:157:62//Hs.162516:AA583375
 F-MAMMA1001606//Human clone 23627 mRNA, complete cds//0.64:336:58//Hs.23642:U79266
 F-MAMMA1001620//ESTs//6.8e-16:99:79//Hs.164052:AA836152
 40 F-MAMMA1001627//Pregnancy-associated plasma protein A//0.27:379:58//Hs.158229:U28727
 F-MAMMA1001630//Human DNA sequence from clone 71L16 on chromosome Xp11. Contains a probable Zinc
 Finger protein (pseudo)gene, an unknown putative gene, a pseudogene with high similarity to part of antigen KI-
 67, a putative Chondroitin 6-Sulfotransferase LIKE gene and a KIAA0267 LIKE putative Na(+)/H(+) exchanger
 protein gene. Contains a predicted CpG island, ESTs, STSs and GSSs and genomic markers DXS1003 and
 45 DXS1055//1.4e-40:447:73//Hs.154353:AL022165
 F-MAMMA1001633//Human zinc finger protein (LD5-1) mRNA, complete cds//3.6e-44:611:67//Hs.57679:U57796
 F-MAMMA1001635
 F-MAMMA1001649//ESTs//1.4e-47:238:99//Hs.124063:T75524
 F-MAMMA1001654//Homo sapiens retinal rod Na-Ca+K exchanger (NCKX1) mRNA, complete cds//0.00069:140:
 50 68//Hs.59829:AB014602
 F-MAMMA1001663//Homo sapiens mRNA for KIAA0448 protein, complete cds//0.015:135:71//Hs.27349:
 AB007917
 F-MAMMA1001670//ESTs, Highly similar to 52 KD RO PROTEIN [Homo sapiens]/0.064:472:60//Hs.110819:
 AI027548
 55 F-MAMMA1001671
 F-MAMMA1001679//ESTs//0.94:55:83//Hs.152506:AA573317
 F-MAMMA1001683//ESTs//1.6e-92:480:96//Hs.118496:AA036889
 F-MAMMA1001686//ESTs//0.00019:171:66//Hs.140402:AI138765

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F-MAMMA1001692//ESTs//0.97:104:70//Hs.27596:AI188549
F-MAMMA1001711//Human G protein-coupled receptor (STRL22) mRNA, complete cds//8.0e-45:323:83//Hs.46468:U45984
F-MAMMA1001715//ESTs//1.3e-14:188:72//Hs.130815:AA936548
5 F-MAMMA1001730//ESTs//0.048:198:65//Hs.116412:AA506926
F-MAMMA1001735//Human beta-tubulin class III isotype (beta-3) mRNA, complete cds//1.5e-111:725:84//Hs.159154:U47634
F-MAMMA1001740//EST//0.77:119:65//Hs.148140:AA887098
F-MAMMA1001743//ESTs//6.5e-27:195:72//Hs.163688:H48768
10 F-MAMMA1001744//EST//0.00019:134:70//Hs.146863:AI161245
F-MAMMA1001745//Human Line-1 repeat mRNA with 2 open reading frames//4.7e-67:822:69//Hs.23094:M19503
F-MAMMA1001751//Homo sapiens two P domain potassium channel subunit (HOHO1) mRNA, complete cds//1.0e-36:583:65//Hs.79351:U33632
F-MAMMA1001754//ESTs//5.1e-97:456:99//Hs.157928:AA775822
15 F-MAMMA1001757//EST//0.042:177:63//Hs.144436:R07109
F-MAMMA1001760//Homo sapiens RET finger protein-like 1 antisense transcript, partial//6.6e-41:309:84//Hs.102576:AJ010230
F-MAMMA1001764//ESTs//0.057:290:60//Hs.68647:AA524072
F-MAMMA1001768//Human transcription factor, forkhead related activator 4 (FREAC-4) mRNA, complete cds//2.2e-05:504:60//Hs.96028:AF042832
20 F-MAMMA1001769//Homo sapiens PYRIN (MEFV) mRNA, complete cds//1.1e-85:686:79//Hs.113283:AF018080
F-MAMMA1001771//Human semaphorin III family homolog mRNA, complete cds//0.00071:392:60//Hs.32981:U38276
F-MAMMA1001783//ESTs//8.8e-23:206:79//Hs.142524:H02940
25 F-MAMMA1001785//ESTs//1.3e-52:270:97//Hs.61809:AA503549
F-MAMMA1001788//Human kpni repeat mrna (cdna clone pcd-kpni-8), 3' end//6.7e-21:212:77//Hs.103948:K00627
F-MAMMA1001790//Homo sapiens KIAA0409 mRNA, partial cds//2.2e-06:139:72//Hs.5158:AB007869
F-MAMMA1001806//ESTs//6.4e-44:373:79//Hs.105665:H78987
30 F-MAMMA1001812//ESTs//4.8e-83:407:97//Hs.98613:D83884
F-MAMMA1001815//EST//2.1e-56:374:85//Hs.141488:N47096
F-MAMMA1001817//EST//8.6e-39:336:78//Hs.162236:AA551582
F-MAMMA1001818//EST//0.32:375:58//Hs.72729:AA167589
F-MAMMA1001820//Homo sapiens cytokine-like factor-1 precursor (CLF-1) mRNA, complete cds//0.082:153:66//Hs.114948:AF059293
35 F-MAMMA1001824//EST//0.0013:195:63//Hs.129275:AA992742
F-MAMMA1001836//ESTs//7.4e-52:283:95//Hs.92290:R78691
F-MAMMA1001837//Homo sapiens mRNA for zinc finger protein FPM315, complete cds//2.0e-29:641:62//Hs.56808:D88827
40 F-MAMMA1001848//ESTs//3.5e-53:264:99//Hs.116430:AA644665
F-MAMMA1001851//ESTs//0.00050:251:64//Hs.163776:AI393028
F-MAMMA1001854
F-MAMMA1001858//EST//1.0:113:68//Hs.132482:AA922218
F-MAMMA1001864//EST//1.3e-06:399:60//Hs.161500:N68060
45 F-MAMMA1001868//Homo sapiens nuclear receptor co-repressor N-CoR mRNA, complete cds//0.084:672:58//Hs.152455:AF044209
F-MAMMA1001874//ESTs//0.97:292:58//Hs.24553:AI150687
F-MAMMA1001878
F-MAMMA1001880//ESTs//9.2e-09:277:62//Hs.15776:T91944
50 F-MAMMA1001890//EST//1.7e-85:440:97//Hs.128842:AA977576
F-MAMMA1001907//EST//2.7e-26:294:74//Hs.98794:AA434078
F-MAMMA1001908//ESTs//3.2e-109:505:100//Hs.146145:AI391521
F-MAMMA1001931//ESTs//1.0:108:67//Hs.126624:AA768874
F-MAMMA1001956//Apolipoprotein E//1.0:322:59//Hs.76260:M12529
55 F-MAMMA1001963//ESTs//0.84:320:60//Hs.6523:AA218859
F-MAMMA1001969//Homo sapiens clone 23892 mRNA sequence//3.6e-79:423:81//Hs.91916:AF035317
F-MAMMA1001970//Oxytocin receptor//9.7e-31:626:64//Hs.2820:X64878
F-MAMMA1001992//EST, Weakly similar to reverse transcriptase [H.sapiens]//7.9e-09:150:72//Hs.118222:

N91115
 F-MAMMA1002009//ESTs//2.2e-18:234:69//Hs.21978:AA009633
 F-MAMMA1002011//ESTs//0.91:276:59//Hs.141196:AA704826
 F-MAMMA1002032//ESTs//7.8e-40:344:77//Hs.141658:N77915
 5 F-MAMMA1002033//ESTs//2.5e-30:293:76//Hs.139158:AA226159
 F-MAMMA1002041//Homo sapiens mRNA, chromosome 1 specific transcript KIAA0484//1.2e-54:455:70//Hs.158095:AB007953
 F-MAMMA1002042//ESTs//1.4e-20:199:79//Hs.140913:R44580
 F-MAMMA1002047//EST//4.2e-14:170:75//Hs.124348:AA830225
 10 F-MAMMA1002056//EST//2.1e-49:414:80//Hs.162335:AA564256
 F-MAMMA1002058//EST//4.7e-26:268:78//Hs.140520:AA809305
 F-MAMMA1002068//Human Line-1 repeat mRNA with 2 open reading frames//8.5e-36:382:75//Hs.23094:M19503
 F-MAMMA1002078
 F-MAMMA1002082
 15 F-MAMMA1002084//EST//0.37:351:59//Hs.46576:N46012
 F-MAMMA1002093//Homo sapiens mRNA for ATP-dependent RNA helicase, partial//0.54:388:57//Hs.99423:AJ010840
 F-MAMMA1002108//Loricrin//0.00066:410:56//Hs.155657:M61120
 F-MAMMA1002118//EST//0.50:202:64//Hs.126872:AA932932
 20 F-MAMMA1002125//Small inducible cytokine A5 (RANTES)//2.4e-39:272:86//Hs.155464:AF088219
 F-MAMMA1002132//EST//6.4e-05:245:60//Hs.149361:AI272963
 F-MAMMA1002140//ESTs//5.8e-33:212:77//Hs.141203:H52638
 F-MAMMA1002143//SERUM PROTEIN MSE55//1.9e-12:192:70//Hs.148101:M88338
 F-MAMMA1002145//EST//0.12:204:60//Hs.160983:AI392837
 25 F-MAMMA1002153
 F-MAMMA1002155//ESTs, Weakly similar to p40 [H.sapiens]//3.6e-67:335:97//Hs.88424:AA281385
 F-MAMMA1002156//Integrin, beta 3 (platelet glycoprotein IIIa, antigen CD61)//0.99:310:58//Hs.87149:M35999
 F-MAMMA1002158//EST//0.015:278:58//Hs.162666:AA605196
 F-MAMMA1002170//40S RIBOSOMAL PROTEIN S2//6.9e-82:573:82//Hs.119389:X17206
 30 F-MAMMA1002174//Human NOF1 mRNA, complete cds//2.2e-42:375:78//Hs.75859:U39400
 F-MAMMA1002198//H.sapiens mRNA for thiol-specific antioxidant//3.3e-36:121:98//Hs.146354:Z22548
 F-MAMMA1002209//ESTs//1.1e-84:409:98//Hs.139235:AA278362
 F-MAMMA1002215//Loricrin//0.0024:369:57//Hs.155657:M61120
 F-MAMMA1002219//ESTs, Weakly similar to coded for by C. elegans cDNA yk52b10.3 [C.elegans]//9.5e-41:202:100//Hs.118849:AA215645
 35 F-MAMMA1002230//ESTs//0.92:253:60//Hs.4222:AI024063
 F-MAMMA1002236//ESTs, Moderately similar to initiation factor eIF-2B gamma subunit [R.norvegicus]//4.6e-69:344:90//Hs.76822:AI359536
 F-MAMMA1002243//Homo sapiens serine threonine kinase 11 (STK11) mRNA, complete cds//0.99:454:56//Hs.122755:AF032986
 40 F-MAMMA1002250//Human involucrin mRNA//0.0037:396:62//Hs.157091:M13903
 F-MAMMA1002267//ESTs//2.0e-12:296:62//Hs.155686:AI308841
 F-MAMMA1002268//Human N-type calcium channel alpha-1 subunit mRNA, complete cds//1.2e-06:427:61//Hs.69949:M94172
 45 F-MAMMA1002269
 F-MAMMA1002282//ESTs//5.9e-65:342:95//Hs.13962:T72715
 F-MAMMA1002292//EST//0.0050:346:58//Hs.97639:AA398440
 F-MAMMA1002293//Homo sapiens DNA fragmentation factor 40 kDa subunit (DFF40) mRNA, complete cds//2.8e-60:387:75//Hs.133089:AF064019
 50 F-MAMMA1002294//Human growth/differentiation factor 1 (GDF-1) mRNA, complete cds//4.3e-07:349:64//Hs.92614:M62302
 F-MAMMA1002297//EST//0.98:98:68//Hs.148207:AA897460
 F-MAMMA1002298//Paired basic amino acid cleaving system 4//0.0061:471:57//Hs.77234:AB001914
 F-MAMMA1002299//ESTs//1.0:162:68//Hs.134132:AA205935
 55 F-MAMMA1002308//ESTs, Weakly similar to !!!! ALU SUBFAMILY J WARNING ENTRY !!!! [H.sapiens]//6.9e-41:293:83//Hs.105292:AA504776
 F-MAMMA1002310//Homo sapiens serine protease-like protease (nes1) mRNA, complete cds//0.0037:173:67//Hs.69423:AF055481

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F-MAMMA1002311//Homo sapiens mRNA, chromosome 1 specific transcript KIAA0487//1.8e-41:473:65//Hs.92381:AB007956
F-MAMMA1002312//ESTs//0.0017:279:60//Hs.163773:AA806291
F-MAMMA1002317//ESTs//1.0:131:64//Hs.66075:F08908
5 F-MAMMA1002319//Homo sapiens clone 24566 mRNA sequence//1.2e-28:410:68//Hs.133342:AF070536
F-MAMMA1002322//ESTs//1.2e-47:356:82//Hs.152413:AA780515
F-MAMMA1002329//Homo sapiens clone 24444 RaP2 interacting protein 8 (RPIP8) mRNA, complete cds//0.0079:143:67//Hs.6755:AF055026
10 F-MAMMA1002332//Human kpni repeat mrna (cdna clone pcd-kpni-8), 3' end//1.2e-26:342:72//Hs.103948:K00627
F-MAMMA1002333//Homo sapiens mRNA for KIAA0711 protein, complete cds//6.8e-07:669:58//Hs.5333:AB018254
F-MAMMA1002339//H.sapiens mRNA for retrotransposon//3.2e-40:348:73//Hs.6940:Z48633
F-MAMMA1002347//EST, Moderately similar to !!!! ALU SUBFAMILY J WARNING ENTRY !!!! [H.sapiens]//3.9e-14:146:81//Hs.163073:R02591
15 F-MAMMA1002351//ESTs//1.2e-74:371:96//Hs.111429:W28907
F-MAMMA1002352//EST//1.7e-09:198:68//Hs.149218:AI247086
F-MAMMA1002353//ESTs//7.4e-15:163:77//Hs.157253:AI357539
F-MAMMA1002355//Homo sapiens KIAA0441 mRNA, complete cds//7.7e-47:307:78//Hs.32511:AB007901
20 F-MAMMA1002356//ESTs//0.012:380:58//Hs.105349:AA779733
F-MAMMA1002359//EST//1.1e-44:264:77//Hs.141095:H23818
F-MAMMA1002360//ESTs//7.6e-15:200:70//Hs.19770:AA447830
F-MAMMA1002361//ESTs//2.5e-29:277:79//Hs.155115:AA669923
F-MAMMA1002362//EST//0.25:304:58//Hs.1.62427:AA576345
25 F-MAMMA1002380//FACTOR VIII INTRON 22 PROTEIN//0.29:485:59//Hs.83363:M34677
F-MAMMA1002384//ESTs//1.1 e-05:220:65//Hs.141388:R52022
F-MAMMA1002385//ESTs, Moderately similar to T11G6.8 [C.elegans]//8.4e-118:578:97//Hs.25516:AI086362
F-MAMMA1002392//EST//0.85:319:57//Hs.126484:AA913624
F-MAMMA1002411//ESTs//0.00044:89:76//Hs.141685:AI142632
30 F-MAMMA1002413//ESTs//0.0020:303:61//Hs.94903:W85737
F-MAMMA1002417//ESTs//1.4e-06:223:65//Hs.143695:AA662745
F-MAMMA1002427//ESTs//5.4e-48:356:82//Hs.146811:AA410788
F-MAMMA1002428//EST//1.0:96:71//Hs.105130:AA482030
F-MAMMA1002434//Human mRNA for KIAA0118 gene, partial cds//2.2e-52:370:83//Hs.154326:D42087
35 F-MAMMA1002446
F-MAMMA1002454//ESTs//9.1e-50:163:100//Hs.80162:AA534809
F-MAMMA1002461//Human diacylglycerol kinase (DAGK) mRNA, complete cds//6.3e-06:595:59//Hs.99932:L38707
F-MAMMA1002470
40 F-MAMMA1002475//Human MAP kinase activated protein kinase 2 mRNA, complete cds//0.018:417:58//Hs.75074:U12779
F-MAMMA1002480//ESTs//0.0015:258:62//Hs.132082:N67059
F-MAMMA1002485//Homo sapiens stanniocalcin-2 (STC-2) mRNA, complete cds//9.4e-120:560:98//Hs.155223:AF055460
45 F-MAMMA1002494//ESTs//2.4e-68:359:95//Hs.124652:AA857628
F-MAMMA1002498//ESTs, Weakly similar to hypothetical protein [H.sapiens]//4.0e-07:257:63//Hs.133013:AA604920
F-MAMMA1002524//Huntingtin (Huntington disease)//0.0085:215:65//Hs.79391:L12392
F-MAMMA1002530//Homo sapiens cytosolic phospholipase A2 gamma (cPLA2 gamma) mRNA, complete cds//4.5e-162:775:97//Hs.18858:AF065214
50 F-MAMMA1002545//ESTs//6.4e-46:351:81//Hs.146811:AA410788
F-MAMMA1002554
F-MAMMA1002556//Human beige-like protein (BGL) mRNA, partial cds//0.96:187:62//Hs.62354:M83822
F-MAMMA1002566//ESTs//0.0033:130:68//Hs.117018:AA832421
55 F-MAMMA1002571//EST//0.28:115:66//Hs.156768:AI351368
F-MAMMA1002573//ESTs//2.1e-48:265:94//Hs.155128:AI224516
F-MAMMA1002585
F-MAMMA1002590//ESTs//3.2e-11:280:63//Hs.36049:AA436831

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F-MAMMA1002597//ESTs//4.8e-10:118:77//Hs.156166:AI334107
 F-MAMMA1002598//Ribosomal protein L7//3.6e-23:123:100//Hs.153:X57958
 F-MAMMA1002603//EST//0.070:99:71//Hs.122387:AA789220
 5 F-MAMMA1002612//ESTs, Moderately similar to hCDC10 protein [H.sapiens]//8.3e-18:353:65//Hs.60895:
 AA428463
 F-MAMMA1002617//B94 PROTEIN//0.0097:229:62//Hs.75522:M92357
 F-MAMMA1002618
 F-MAMMA1002619
 F-MAMMA1002622//Homo sapiens advillin mRNA, complete cds//4.7e-22:157:90//Hs.47344:AF041449
 10 F-MAMMA1002623//EST//1.5e-33:168:81//Hs.141526:N52300
 F-MAMMA1002625
 F-MAMMA1002629//Homo sapiens mRNA, chromosome 1 specific transcript KIAA0507//1.1e-35:355:76//Hs.
 158241:AB007976
 F-MAMMA1002636//Homo sapiens mRNA for KIAA0288 gene, complete cds//1.9e-05:439:61//Hs.91400:
 15 AB006626
 F-MAMMA1002637//KINESIN LIGHT CHAIN//2.0e-47:367:72//Hs.117977:L04733
 F-MAMMA1002646//EST//1.2e-32:302:78//Hs.112540:AA601385
 F-MAMMA1002650//TRICHOHYALIN//1.2e-08:570:63//Hs.82276:L09190
 F-MAMMA1002655//EST//8.8e-40:198:100//Hs.159724:AI393335
 20 F-MAMMA1002662//EST//0.99:95:63//Hs.144074:AI005489
 F-MAMMA1002665//Lysosomal-associated membrane protein 2//1.8e-35:722:64//Hs.8262:U36336
 F-MAMMA1002671//Cyclin-dependent kinase inhibitor 1C (p57, Kip2)//8.6e-06:272:64//Hs.106070:U22398
 F-MAMMA1002673
 F-MAMMA1002684//Homo sapiens mRNA for KIAA0214 protein, complete cds//1.2e-162:752:99//Hs.3363:
 25 D86987
 F-MAMMA1002685//ESTs//7.5e-40:373:78//Hs.163937:N69915
 F-MAMMA1002698//ESTs//2.5e-09:190:68//Hs.138292:AI220397
 F-MAMMA1002699//Homo sapiens epsin 2b mRNA, complete cds//4.7e-56:398:81//Hs.22396:AF062085
 F-MAMMA1002701//ESTs//4.3e-10:110:80//Hs.156041:AI274697
 30 F-MAMMA1002708//Homo sapiens mRNA for alpha(1,2)glucosyltransferase, complete cds//1.1e-51:307:79//Hs.
 46328:D87942
 F-MAMMA1002711//EST//3.6e-38:186:77//Hs.139715:N25041
 F-MAMMA1002721//EST//3.9e-06:110:71//Hs.136758:AA714692
 F-MAMMA1002727//EST//0.97:137:63//Hs.145153:AI150165
 35 F-MAMMA1002728//ESTs, Highly similar to PAB-DEPENDENT POLY(A)-SPECIFIC RIBONUCLEASE [Saccha-
 romyces cerevisiae]//2.6e-12:129:81//Hs.154181:AA193502
 F-MAMMA1002744//ESTs//0.0026:420:58//Hs.95793:AA617853
 F-MAMMA1002746//ESTs//0.28:117:69//Hs.12925:T66312
 F-MAMMA1002748
 40 F-MAMMA1002754//ESTs//1.1e-34:340:77//Hs.163641:R61848
 F-MAMMA1002758//Homo sapiens KIAA0442 mRNA, partial cds//1.1e-27:151:98//Hs.32168:AB007902
 F-MAMMA1002764//ESTs//1.7e-45:323:84//Hs.155243:N70293
 F-MAMMA1002765//EST//3.2e-11:145:73//Hs.162551:AA584782
 F-MAMMA1002769
 45 F-MAMMA1002775//Human ABL gene, exon 1b and intron 1b, and putative M8604 Met protein (M8604 Met) gene//
 7.6e-84:417:97//Hs.77705:U07563
 F-MAMMA1002780//EST//0.78:210:63//Hs.149413:AI273988
 F-MAMMA1002782
 F-MAMMA1002796//ESTs//0.021:122:65//Hs.132221:AI380710
 50 F-MAMMA1002807//EST//1.0e-31:184:71//Hs.161497:N66919
 F-MAMMA1002820//ESTs//0.21:292:59//Hs.132513:AI778514
 F-MAMMA1002830//Homo sapiens mRNA for KIAA0563 protein, complete cds//2.4e-57:286:88//Hs.15731:
 AB011135
 F-MAMMA1002833//Human mRNA for KIAA0033 gene, partial cds//9.1e-52:583:72//Hs.22271:D26067
 55 F-MAMMA1002835
 F-MAMMA1002838//ESTs, Weakly similar to NADH-UBIQUINONE OXIDOREDUCTASE CHAIN 1 [Locusta mi-
 gratoria]//7.7e-38:179:78//Hs.141344:H29951
 F-MAMMA1002842//ESTs//1.7e-19:134:89//Hs.111583:AA463590

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F-MAMMA1002843//Homo sapiens mRNA for KIAA0810 protein, partial cds//5.4e-137:635:99//Hs.7531:AB018353
F-MAMMA1002844//ESTs, Weakly similar to Y53C12A.3 [C.elegans]//1.6e-07:329:58//Hs.107747:AI357868
F-MAMMA1002858
5 F-MAMMA1002868//EST//4.1e-23:180:77//Hs.163196:AA767643
F-MAMMA1002869//Human PINCH protein mRNA, complete cds//7.0e-88:696:78//Hs.83987:U09284
F-MAMMA1002871//ESTs//3.4e-93:466:96//Hs.11873:T68423
F-MAMMA1002880//EST//2.0e-09:364:59//Hs.145181:AI183632
F-MAMMA1002881//Homo sapiens mRNA for 25 kDa trypsin inhibitor, complete cds//3.8e-30:680:61//Hs.129732:
10 D45027
F-MAMMA1002886//Long (electrocardiographic) QT syndrome 2//0.00075:504:60//Hs.19944:U04270
F-MAMMA1002887//ESTs//0.044:144:68//Hs.133152:H91657
F-MAMMA1002890//EST//1.7e-05:74:86//Hs.116013:AA612666
F-MAMMA1002892//EST//2.1e-67:383:93//Hs.22815:R44265
15 F-MAMMA1002895//Human transcription factor ERF-1 mRNA, complete cds//0.00053:382:57//Hs.61796:U85658
F-MAMMA1002908//EST//0.0022:132:68//Hs.161697:AA224952
F-MAMMA1002909//ESTs//9.1e-21:343:70//Hs.142068:AA176125
F-MAMMA1002930//ESTs//0.55:72:72//Hs.132440:AA923730
F-MAMMA1002937//ESTs, Weakly similar to ZINC FINGER PROTEIN 84 [H.sapiens]//7.9e-103:485:99//Hs.
20 102928:AI346344
F-MAMMA1002938//Homo sapiens mRNA for KIAA0698 protein, complete cds//1.6e-194:910:98//Hs.31720:
AB014598
F-MAMMA1002941//ESTs//9.5e-19:196:67//Hs.137945:AI423389
F-MAMMA1002947//ESTs//1.2e-96:460:99//Hs.156001:AI313418
25 F-MAMMA1002964//Homo sapiens KIAA0424 mRNA, partial cds//0.48:250:60//Hs.54697:AB007884
F-MAMMA1002970//EST//2.0e-16:132:84//Hs.136518:AA601400
F-MAMMA1002972
F-MAMMA1002973//ESTs//3.2e-43:225:74//Hs.155179:AA223932
F-MAMMA1002982//ESTs//0.0017:162:66//Hs.152669:AA604944
30 F-MAMMA1002987//EST//0.044:254:59//Hs.135014:AI095645
F-MAMMA1003003//Coagulation factor III (thromboplastin, tissue factor)//3.9e-22:185:83//Hs.62192:J02931
F-MAMMA1003004//Homo sapiens mRNA, chromosome 1 specific transcript KIAA0501//1.0e-16:343:61//Hs.
159897:AB007970
F-MAMMA1003007//EST//6.6e-10:265:66//Hs.144389:AA530979
35 F-MAMMA1003011//Homo sapiens histone macroH2A1.2 mRNA, complete cds//6.2e-51:620:69//Hs.75258:
AF054174
F-MAMMA1003013//Human HOX4C mRNA for a homeobox protein//0.73:347:58//Hs.74061:X59372
F-MAMMA1003015//EST//2.5e-11:137:77//Hs.141312:H73062
F-MAMMA1003019//ESTs//0.0099:182:65//Hs.60787:AI374951
40 F-MAMMA1003026//EST//1.0:136:67//Hs.9123:T50137
F-MAMMA1003031//EST//1.3e-11:244:67//Hs.136611:AA669549
F-MAMMA1003035
F-MAMMA1003039//ESTs//1.4e-23:265:74//Hs.33393:R83391
F-MAMMA1003040//Homo sapiens tapasin (NGS-17) mRNA, complete cds//1.5e-93:339:85//Hs.5247:AF029750
45 F-MAMMA1003044//Cyclin D2//1.0:234:61//Hs.75586:D13639
F-MAMMA1003047//H.sapiens mRNA for F25B3.3 kinase like protein from C.elegans//1.0:209:60//Hs.99491:
Y12336
F-MAMMA1003049//EST//0.99:126:67//Hs.162634:AA601742
F-MAMMA1003055//ESTs//0.00011:130:70//Hs.130539:R68518
50 F-MAMMA1003056
F-MAMMA1003057//ESTs, Moderately similar to hypothetical protein MD6 [M.musculus]//1.3e-88:334:97//Hs.
96500:AI206781
F-MAMMA1003066//ESTs//0.77:88:71//Hs.143618:AI022618
F-MAMMA1003089//Homo sapiens mRNA for KIAA0631 protein, partial cds//4.5e-51:329:71//Hs.75154:
55 AB014531
F-MAMMA1003099//Homo sapiens actin-binding protein homolog ABP-278 mRNA, complete cds//8.5e-44:288:
88//Hs.81008:AF043045
F-MAMMA1003104//H.sapiens mRNA for ASM-like phosphodiesterase 3a//1.0:213:60//Hs.42945:Y08136

- F-MAMMA1003113//Homo sapiens mRNA for hair keratin acidic 3-II//0.99:200:64//Hs.32950:X82634
 F-MAMMA1003127//Homo sapiens brush border myosin I (BBMI) mRNA, complete cds//5.4e-27:421:66//Hs.5394:AF105424
 F-MAMMA1003135//Envoplakin//0.56:250:62//Hs.25482:U53786
 5 F-MAMMA1003140
 F-MAMMA1003146//Homo sapiens mRNA for GalT3 protein//7.2e-82:397:97//Hs.151344:Y15062
 F-MAMMA1003150//Homo sapiens mRNA for KIAA0515 protein, partial cds//0.00019:297:61//Hs.108945:AB011087
 F-MAMMA1003166//Glycoprotein Ib (platelet), beta polypeptide//1.2e-31:487:65//Hs.3847:U59632
 10 F-NT2RM1000001//Human plectin (PLEC1) mRNA, complete cds//0.16:244:63//Hs.79706:U53204
 F-NT2RM1000018//Human mRNA for KIAA0066 gene, partial cds//1.5e-66:385:92//Hs.82510:D31886
 F-NT2RM1000032
 F-NT2RM1000035//Human mRNA for KIAA0199 gene, partial cds//4.1e-110:849:81//Hs.78442:D83782
 F-NT2RM1000037//Homo sapiens mRNA for KIAA0690 protein, partial cds//3.5e-108:542:95//Hs.60103:AB014590
 15 F-NT2RM1000039//Human plectin (PLEC1) mRNA, complete cds//0.11:545:57//Hs.79706:U53204
 F-NT2RM1000055//ESTs, Highly similar to TIP120 [R.norvegicus]//3.2e-69:353:96//Hs.154980:AA948067
 F-NT2RM1000059//Homo sapiens T cell immune response cDNA7 (TIRC7) mRNA, complete cds//0.029:281:59//Hs.46465:U45285
 20 F-NT2RM1000062//ESTs//0.30:368:59//Hs.131675:AA843210
 F-NT2RM1000080//Homo sapiens chromosome 9, P1 clone 11659//2.8e-102:493:97//Hs.3439:AC004472
 F-NT2RM1000086//Homo sapiens mRNA for KIAA0661 protein, complete cds//5.8e-116:550:97//Hs.65238:AB014561
 F-NT2RM1000092//Murine leukemia viral (bmi-1) oncogene homolog//0.42:190:63//Hs.431:L13689
 25 F-NT2RM1000118//Homo sapiens clone 23763 unknown mRNA, partial cds//0.00086:126:70//Hs.92693:AF007155
 F-NT2RM1000119//Peroxisome receptor 1//0.00055:458:58//Hs.158084:Z48054
 F-NT2RM1000127
 F-NT2RM1000131
 30 F-NT2RM1000132//Homo sapiens NADH:ubiquinone oxidoreductase NDUF56 subunit mRNA, nuclear gene encoding mitochondrial protein, complete cds//3.7e-92:448:97//Hs.49767:AF044959
 F-NT2RM1000153//Homo sapiens mRNA for MTG8-related protein MTG16a, complete cds//1.0:546:58//Hs.110099:AB010419
 F-NT2RM1000186//Homo sapiens clone 23763 unknown mRNA, partial cds//0.00081:126:70//Hs.92693:AF007155
 35 F-NT2RM1000187//ESTs//3.4e-79:400:96//Hs.54971:AI424382
 F-NT2RM1000199//Homo sapiens mRNA for KIAA0722 protein, complete cds//0.87:454:59//Hs.47061:AF045458
 F-NT2RM1000242
 F-NT2RM1000244//Homo sapiens centrosomal Nek2-associated protein 1 (C-NAP1) mRNA, complete cds//0.97:135:66//Hs.27910:AF049105
 40 F-NT2RM1000252//TRICHOHYALIN//0.030:273:58//Hs.82276:L09190
 F-NT2RM1000256//Glutamine-fructose-6-phosphate transaminase//1.5e-13:248:69//Hs.1674:M90516
 F-NT2RM1000257//ESTs, Highly similar to similar to mago nashi [H.sapiens]//2.9e-98:530:93//Hs.104650:AI037879
 45 F-NT2RM1000260//Human mRNA for KIAA0130 gene, complete cds//2.1e-58:460:80//Hs.23106:D50920
 F-NT2RM1000271//ESTs//0.93:224:60//Hs.91226:AA649047
 F-NT2RM1000272
 F-NT2RM1000280//ESTs, Highly similar to VACUOLAR ATP SYNTHASE SUBUNIT D [Bos taurus]//1.3e-21:308:73//Hs.15071:AA781144
 50 F-NT2RM1000300
 F-NT2RM1000314//Human mRNA for KIAA0159 gene, complete cds//2.6e-128:708:92//Hs.5719:D63880
 F-NT2RM1000318//Human mRNA for ribosomal protein L39, complete cds//1.8e-35:182:99//Hs.9837:D79205
 F-NT2RM1000341//ESTs//2.3e-72:381:95//Hs.23070:AA631976
 F-NT2RM1000354//EST//5.2e-27:202:84//Hs.151186:AI125798
 55 F-NT2RM1000355//ESTs, Weakly similar to putative [M.musculus]//7.7e-75:387:95//Hs.108619:W28608
 F-NT2RM1000365//ESTs//1.7e-99:495:97//Hs.103926:AA165691
 F-NT2RM1000377//ESTs, Weakly similar to protein-tyrosine-phosphatase [H.sapiens]//7.4e-91:481:95//Hs.163707:AA137181

- F-NT2RM1000388//65 KD YES-ASSOCIATED PROTEIN//0.36:340:57//Hs.8939:X80507
 F-NT2RM1000394//HISTONE H3.3//8.5e-91:474:93//Hs.118838:M11353
 F-NT2RM1000399
 F-NT2RM1000421
 5 F-NT2RM1000430//Homo sapiens erythroblast macrophage protein EMP mRNA, complete cds//1.2e-85:418:97//
 Hs.20815:AF084928
 F-NT2RM1000499//ESTs, Weakly similar to KIAA0167 protein [H.sapiens]//1.6e-38:201:97//Hs.106262:AI052382
 F-NT2RM1000539//EST//0.070:145:62//Hs.149711:AI284660
 F-NT2RM1000553//EST//2.2e-48:265:95//Hs.99230:AA449847
 10 F-NT2RM1000555//ESTs//0.82:193:61//Hs.96944:AI359957
 F-NT2RM1000563//Human plectin (PLEC1) mRNA, complete cds//1.0:336:58//Hs.79706:U53204
 F-NT2RM1000623//Homo sapiens mRNA for KIAA0287 gene, partial cds//0.98:226:61//Hs.17931:AB006625
 F-NT2RM1000648//ESTs, Weakly similar to similar to M. musculus MER5 and other AHPC/TSA proteins [C.ele-
 gans]//6.2e-51:254:98//Hs.132096:AA314601
 15 F-NT2RM1000661//Homo sapiens translation initiation factor 4e mRNA, complete cds//8.5e-55:276:97//Hs.19122:
 AF038957
 F-NT2RM1000666//Homo sapiens BAI 1 mRNA, complete cds//0.87:274:60//Hs.113936:AB005297
 F-NT2RM1000669//ESTs//5.5e-63:481:85//Hs.90527:AI188279
 F-NT2RM1000672
 20 F-NT2RM1000691//Homa sapiens mRNA for HRIHFB2060, partial cds//7.0e-121:582:98//Hs.146282:AB015348
 F-NT2RM1000699//ESTs//1.1e-89:435:97//Hs.28964:AA715101
 F-NT2RM1000702//ESTs//5.4e-90:429:99//Hs.151001:AA564706
 F-NT2RM1000725//Homo sapiens mRNA for neuropathy target esterase//1.5e-66:435:85//Hs.5038:AJ004832
 F-NT2RM1000741//Homo sapiens mRNA for KIAA0567 protein, partial cds//2.6e-127:690:92//Hs.147946:
 25 AB011139
 F-NT2RM1000742//Homo sapiens AC133 antigen mRNA, complete cds//8.2e-68:524:83//Hs.112360:AF027208
 F-NT2RM1000746//ESTs//2.6e-37:231:89//Hs.94446:AA845465
 F-NT2RM1000770//Homo sapiens KIAA0425 mRNA, complete cds//3.3e-09:321:63//Hs.150390:AB007885
 F-NT2RM1000772//Eukaryotic translation initiation factor 3 (eIF-3) p36 subunit//0.053:271:60//Hs.139745 :
 30 U39067
 F-NT2RM1000780//Human Line-1 repeat mRNA with 2 open reading frames//6.9e-20:128:94//Hs.23094:M19503
 F-NT2RM1000781//ESTs//4.4e-60:346:92//Hs.35089:N50845
 F-NT2RM1000800
 F-NT2RM1000802
 35 F-NT2RM1000811//Homo sapiens AC133 antigen mRNA, complete cds//1.2e-64:490:84//Hs.112360:AF027208
 F-NT2RM1000826//ESTs//0.82:193:61//Hs.96944:AI359957
 F-NT2RM1000829//Mannose-binding lectin, soluble (opsonic defect)//0.92:283:58//Hs.2314:X15422
 F-NT2RM1000833//Hydroxysteroid (11-beta) dehydrogenase 2//0.022:178:67//Hs.1376:U26726
 F-NT2RM1000850//Human protein tyrosine kinase related mRNA sequence//3.8e-06:384:59//Hs.90314:L05148
 40 F-NT2RM1000852//Homo sapiens mRNA for ATP-dependent RNA helicase, partial//3.0e-149:726:97//Hs.99423:
 AJ010840
 F-NT2RM1000857//ESTs//0.52:274:60//Hs.112095:AA447643
 F-NT2RM1000867//ESTs, Highly similar to signal peptidase:SUBUNIT//5.3e-54:277:96//Hs.11125:AI015619
 F-NT2RM1000874//ESTs//0.032:185:64//Hs.97713:AA442239
 45 F-NT2RM1000882//Homo sapiens chromosome 11, BAC CIT-HSP-311e8 (BC269730) containing the hFEN1
 gene//4.0e-155:750:97//Hs.132898:AC004770
 F-NT2RM1000883//Homo sapiens I-1 receptor candidate protein mRNA, complete cds//8.8e-158:762:97//Hs.
 26285:AF082516
 F-NT2RM1000885//Homo sapiens mRNA for KIAA0661 protein, complete cds//6.3e-19:310:67//Hs.65238:
 50 AB014561
 F-NT2RM1000894
 F-NT2RM1000898
 F-NT2RM1000905//EST//4.8e-07:77:84//Hs.148017:AI268701
 F-NT2RM1000924//HOMEBOX PROTEIN HOX-A5//0.00051:458:59//Hs.37034:M26679
 55 F-NT2RM1000927//Homo sapiens mRNA for KIAA0807 protein, partial cds//0.084:386:58//Hs.101474:AB018350
 F-NT2RM1000962//Human mRNA for KIAA0252 gene, partial cds//0.98:299:59//Hs.83419:D87440
 F-NT2RM1000978
 F-NT2RM1001003//Homo sapiens alpha-catenin related protein (ACRP) mRNA, complete cds//1.3e-161:760:98//

Hs.58488:U97067
 F-NT2RM1001008//ESTs//1.3e-12:144:75//Hs.133122:AI025200
 F-NT2RM1001043//EST//0.24:117:64//Hs.161536:N80395
 F-NT2RM1001044//ESTs, Weakly similar to C43E11.9[C.elegans]//3.0e-98:491:96//Hs.102173:AA045270
 5 F-NT2RM1001059//Human plectin (PLEC1) mRNA, complete cds//0.52:533:57//Hs.79706:U53204
 F-NT2RM1001066//ESTs//1.2e-114:538:99//Hs.129020:AI380703
 F-NT2RM1001072//Human beige-like protein (BGL) mRNA, partial cds//0.69:586:56//Hs.62354:M83822
 F-NT2RM1001074//Macrophage stimulating 1 (hepatocyte growth factor-like)//0.0019:294:64//Hs.30223:X90846
 F-NT2RM1001082//Archain//3.9e-37:290:81//Hs.33642:X81198
 10 F-NT2RM1001085
 F-NT2RM1001092//Zinc finger protein 43 (HTF6)//1.9e-57:770:68//Hs.74107:X59244
 F-NT2RM1001102//ESTs//1.2e-35:638:63//Hs.131737:AI343331
 F-NT2RM1001105//WEE1-LIKE PROTEIN KINASE//0.0024:246:63//Hs.75188:U10564
 F-NT2RM1001112//ESTs//8.9e-82:437:93//Hs.6330:H38495
 15 F-NT2RM1001115
 F-NT2RM1001139//Keratin 9//1.5e-05:518:59//Hs.2783:Z29074
 F-NT2RM2000006//ESTs//3.9e-16:96:98//Hs.101117:AA576113
 F-NT2RM2000013//RNA polymerase II polypeptide B (140 kD)//6.3e-13:640:59//Hs.148027:X63563
 F-NT2RM2000030
 20 F-NT2RM2000032//ESTs//7.1 e-18:138:68//Hs.114031:AA700958
 F-NT2RM2000042//ESTs//0.0091:241:61//Hs.147895:AI286243
 F-NT2RM2000092
 F-NT2RM2000093//ESTs//2.6e-40:226:94//Hs.163521:H42085
 F-NT2RM2000101//ESTs//1.0:235:61//Hs.48860:N27428
 25 F-NT2RM2000124//Protein kinase, cAMP-dependent, catalytic, alpha//5.8e-46:287:88//Hs.77271:X07767
 F-NT2RM2000191//Homo sapiens cGMP phosphodiesterase A1 (PDE9A) mRNA, complete cds//3.0e-139:566:
 97//Hs.18953:AF067223
 F-NT2RM2000192//EST//3.5e-07:168:65//Hs.163122:AA756999
 F-NT2RM2000239//ESTs, Weakly similar to K04G2.6 [C.elegans]//3.6e-93:489:95//Hs.143499:R72672
 30 F-ntnnnnnnnnnn//ESTs//1.0e-70:269:97//Hs.156175:AI334328
 F-NT2RM2000250//Homo sapiens mRNA for KIAA0590 protein, complete cds//1.0e-129:615:98//Hs.111862:
 AB011162
 F-NT2RM2000259//ESTs//6.1e-30:172:85//Hs.116406:AA209520
 F-NT2RM2000260//ESTs//2.5e-25:133:93//Hs.14169:AA203500
 35 F-NT2RM2000287//ESTs//6.2e-13:97:83//Hs.118523:H98981
 F-NT2RM2000322//Interferon regulatory factor 5//0.84:208:61//Hs.54434:U51127
 F-NT2RM2000359//Homo sapiens mRNA for KIAA0560 protein, complete cds//2.8e-176:805:99//Hs.129952:
 AB011132
 F-NT2RM2000363//ESTs//1.2e-24:139:96//Hs.48818:N63543
 40 F-NT2RM2000368//Homo sapiens protein kinase C-binding protein RACK7 mRNA, partial cds//3.7e-96:599:86//
 Hs.75871:U48251
 F-NT2RM2000371
 F-NT2RM2000374//ESTs//3.2e-13:98:91//Hs.65853:AI050866
 F-NT2RM2000395//Growth arrest-specific 1//0.80:129:67//Hs.65029:L13698
 45 F-NT2RM2000402//Human p76 mRNA, complete cds//7.2e-23:714:59//Hs.28757:U81006
 F-NT2RM2000407//ESTs//9.4e-92:458:96//Hs.148873:T33582
 F-NT2RM2000420//EST//1.8e-61:296:99//Hs.147186:AI193053
 F-NT2RM2000422//Solute carrier family 6 (neurotransmitter transporter, serotonin), member 4//1.5e-06:260:61//
 Hs.553:L05568
 50 F-NT2RM2000452//ESTs//1.0:132:62//Hs.110004:AI097379
 F-NT2RM2000469//ESTs//0.34:249:60//Hs.149575:AI281807
 F-NT2RM2000490//Homo sapiens mRNA for KIAA0747 protein, partial cds//2.4e-16:386:63//Hs.8309:AB018290
 F-NT2RM2000502//Human nicotinamide N-methyltransferase (NNMT) mRNA, complete cds//0.99:272:61//Hs.
 76669:U08021
 55 F-NT2RM2000504//Homo sapiens metalloprotease 1 (MP1) mRNA, complete cds//1.6e-172:824:97//Hs.4812:
 AF061243
 F-NT2RM2000522//Homo sapiens Nck-2 (NCK2) mRNA, complete cds//0.18:313:60//Hs.129725:AF047487
 F-NT2RM2000540//ESTs, Weakly similar to C27F2.7 gene product [C.elegans]//2.7e-41:231:94//Hs.7049:

- AI141736
 F-NT2RM2000556//ESTs//3.1e-33:183:96//Hs.136990:AA769220
 F-NT2RM2000566//Integrin, alpha 7B//2.0e-155:751:97//Hs.74369:AF032108
 F-NT2RM2000567//RYANODINE RECEPTOR, SKELETAL MUSCLE//6.3e-09:689:59//Hs.89631:U48508
 5 F-NT2RM2000569//ESTs//5.4e-17:170:77//Hs.158277:H09128
 F-NT2RM2000577//ESTs, Highly similar to ISOLEUCYL-TRNA SYNTHETASE, MITOCHONDRIAL [Saccharomyces cerevisiae]//1.4e-33:214:92//Hs.55609:W37993
 F-NT2RM2000581//Homo sapiens mRNA for KIAA0214 protein, complete cds//1.8e-175:820:98//Hs.3363:D86987
 10 F-NT2RM2000588//ESTs//1.5e-33:183:97//Hs.136990:AA769220
 F-NT2RM2000594
 F-NT2RM2000599//Homo sapiens Mad4 homolog (Mad4) mRNA, complete cds//0.017:253:65//Hs.102402:AF040963
 F-NT2RM2000609//ESTs//1.0:220:59//Hs.110155:AA007313
 15 F-NT2RM2000612//ESTs//0.97:208:59//Hs.73217:AA846548
 F-NT2RM2000623//Homo sapiens mRNA for KIAA0521 protein, partial cds//0.024:326:59//Hs.6150:AB011093
 F-NT2RM2000624//ESTs//2.3e-118:557:99//Hs.145904:AA203258
 F-NT2RM2000635//Homo sapiens mRNA for KIAA0729 protein, partial cds//2.0e-143:664:98//Hs.19542:AB018272
 20 F-NT2RM2000636//Homo sapiens mRNA for KIAA0658 protein, partial cds//2.4e-139:664:98//Hs.7278:AB014558
 F-NT2RM2000639//ESTs//0.98:144:65//Hs.154364:AI189702
 F-NT2RM2000649//Homo sapiens mRNA for KIAA0676 protein, partial cds//3.4e-169:518:99//Hs.115763:AB014576
 F-NT2RM2000669//ESTs//1.3e-56:283:98//Hs.156342:AI337371
 25 F-NT2RM2000691//Homo sapiens actin-related protein Arp3 (ARP3) mRNA, complete cds//6.7e-86:746:74//Hs.5321:AF006083
 F-NT2RM2000714//Human mRNA for KIAA0231 gene, partial cds//2.2e-50:748:64//Hs.7938:D86984
 F-NT2RM2000718//Homa sapiens mRNA for HRIHFB2436, partial cds//7.6e-126:594:98//Hs.136058:AB015342
 F-NT2RM2000735//Zinc finger protein 43 (HTF6)//2.7e-112:756:82//Hs.74107:X59244
 30 F-NT2RM2000740//ESTs, Highly similar to HYPOTHETICAL 132.7 KD HELICASE IN ALG7-ENP1 INTERGENIC REGION [Saccharomyces cerevisiae]//4.2e-85:464:91//Hs.161551:W24286
 F-NT2RM2000795//Homo sapiens tapasin (NGS-17) mRNA, complete cds//1.0e-82:640:81//Hs.5247:AF029750
 F-NT2RM2000821//Human mRNA for KIAA0340 gene, partial cds//0.32:679:59//Hs.105919:AB002338
 F-NT2RM2000837//ESTs//2.3e-105:501:98//Hs.101514:AI346701
 35 F-NT2RM2000951//Homo sapiens XYLB mRNA for xylulokinase, complete cds//2.8e-185:847:99//Hs.137580:AB015046
 F-NT2RM2000952//ESTs, Weakly similar to lethal(2)denticleless [D.melanogaster]//6.2e-94:441:99//Hs.59075:AI023761
 F-NT2RM2000984//Human mRNA for KIAA0246 gene, partial cds//0.94:351:62//Hs.84753:D87433
 40 F-NT2RM2001004//ESTs//5.0e-10:247:64//Hs.36049:AA436831
 F-NT2RM2001035//ESTs, Highly similar to POP2 PROTEIN [Saccharomyces cerevisiae]//2.9e-48:282:93//Hs.17035:AI080471
 F-NT2RM2001065
 F-NT2RM2001100//Homo sapiens mRNA for serin protease with IGF-binding motif, complete cds//1.7e-08:449:62//Hs.75111:D87258
 45 F-NT2RM2001105//Homo sapiens proline and glutamic acid rich nuclear protein isoform mRNA, partial cds//0.00079:274:59//Hs.102732:U88153
 F-NT2RM2001131//TRICHOHYALIN//2.5e-20:684:62//Hs.82276:L09190
 F-NT2RM2001141
 50 F-NT2RM2001152//ESTs//0.53:333:58//Hs.153087:AA649042
 F-NT2RM2001177
 F-NT2RM2001194//ESTs, Weakly similar to T28H10.2 [C.elegans]//2.4e-23:149:93//Hs.10618:AI288739
 F-NT2RM2001196//ESTs//4.0e-98:486:97//Hs.59628:W91959
 F-NT2RM2001201//Human mRNA for KIAA0005 gene, complete cds//2.8e-44:554:69//Hs.155291:D13630
 55 F-NT2RM2001221//Homo sapiens mRNA for KIAA0806 protein, complete cds//0.97:165:64//Hs.24279:AB018349
 F-NT2RM2001238//EST//6.8e-67:420:89//Hs.130586:AI004766
 F-NT2RM2001243//V-jun avian sarcoma virus 17 oncogene homolog//0.87:125:64//Hs.75889:U65928
 F-NT2RM2001247//Homo sapiens antigen NY-CO-16 mRNA, complete cds//0.0066:321:61//Hs.132206:

AF039694
 F-NT2RM2001256
 F-NT2RM2001291//ESTs//1.1e-86:459:93//Hs.10267:W27845
 F-NT2RM2001306//Homo sapiens paraoxonase (PON2) mRNA, complete cds//1.0:182:65//Hs.75221:AF001601
 5 F-NT2RM2001312//ESTs//2.0e-35:338:70//Hs.141440:N21615
 F-NT2RM2001319//ESTs, Weakly similar to No definition line found [C.elegans]//5.2e-30:277:77//Hs.25347:AI138605
 F-NT2RM2001324//Homo sapiens mRNA for beta-spectrin III, complete cds//0.031:245:62//Hs.26915:AB008567
 F-NT2RM2001345//ESTs//9.2e-91:428:99//Hs.151001:AA564706
 10 F-NT2RM2001360//ESTs//0.98:45:80//Hs.133520:AA878905
 F-NT2RM2001370//Human transportin (TRN) mRNA, complete cds//0.72:224:61//Hs.82925:U70322
 F-NT2RM2001393//Mannosidase, alpha B, lysosomal//0.42:383:57//Hs.108969:U68382
 F-NT2RM2001420//EST//1.0:287:62//Hs.125285:AA830378
 F-NT2RM2001424//Homo sapiens mRNA for E1B-55kDa-associated protein//2.3e-97:453:99//Hs.155218:
 15 AJ007509
 F-NT2RM2001499//Ecotropic retroviral receptor//5.4e-47:589:68//Hs.2928:X57303
 F-NT2RM2001504//Homo sapiens agrin precursor mRNA, partial cds//0.25:328:60//Hs.68900:AF016903
 F-NT2RM2001524//ESTs//1.0e-11:93:90//Hs.33687:R85969
 F-NT2RM2001544//ESTs//1.0e-25:157:92//Hs.137451:AA351459
 20 F-NT2RM2001547//ESTs//2.0e-29:168:96//Hs.116392:AA936262
 F-NT2RM2001575//Sjogren syndrome antigen A1 (52kD, ribonucleoprotein autoantigen SS-A/Ro)//6.9e-28:582:64//Hs.1042:M62800
 F-NT2RM2001582//ESTs, Moderately similar to red-1 [M.musculus]//0.0032:57:89//Hs.114722:AA448077
 F-NT2RM2001588//Homo sapiens KIAA0442 mRNA, partial cds//2.3e-11:282:65//Hs.32168:AB007902
 25 F-NT2RM2001592//ESTs//4.8e-73:372:95//Hs.163801:AI391729
 F-NT2RM2001605//Homo sapiens clone 23592 mRNA sequence//7.3e-87:749:75//Hs.76272:S66431
 F-NT2RM2001613//ESTs, Highly similar to PROTEIN TRANSPORT PROTEIN SEC61 ALPHA SUBUNIT [Canis familiaris]//1.3e-17:181:75//Hs.131840:AI016073
 F-NT2RM2001632//EST//8.7e-18:222:76//Hs.160402:AI393918
 30 F-NT2RM2001635//Homo sapiens mRNA for KIAA0618 protein, complete cds//3.0e-154:740:98//Hs.15832:AB014518
 F-NT2RM2001637//ESTs//2.2e-06:386:61//Hs.145198:AI276952
 F-NT2RM2001641//ESTs, Highly similar to NADH-CYTOCHROME B5 REDUCTASE [Bos taurus]//3.5e-13:94:92//Hs.22142:AA814725
 35 F-NT2RM2001648//ESTs, Highly similar to PROTEIN TRANSPORT PROTEIN SEC61 ALPHA SUBUNIT [Canis familiaris]//1.3e-17:181:75//Hs.131840:AI016073
 F-NT2RM2001652//ESTs//2.5e-06:82:80//Hs.128203:AA972301
 F-NT2RM2001659//ESTs//2.8e-15:92:98//Hs.123321:AA810287
 F-NT2RM2001664//Homo sapiens I kappa B kinase complex associated protein (IKAP) mRNA, complete cds//1.2e-173:802:99//Hs.31323:AF044195
 40 F-NT2RM2001668//ESTs, Weakly similar to DNA MISMATCH REPAIR PROTEIN MSH6 [H.sapiens]//1.1e-136:671:97//Hs.27721:U17907
 F-NT2RM2001670//Homo sapiens mRNA for KIAA0557 protein, partial cds//1.1e-25:352:70//Hs.101414:AB011129
 45 F-NT2RM2001671//ESTs//1.8e-08:63:98//Hs.158069:AI365356
 F-NT2RM2001675
 F-NT2RM2001681//ESTs//0.16:197:63//Hs.20585:R10305
 F-NT2RM2001688//ESTs//1.8e-24:130:100//Hs.162504:AA668211
 F-NT2RM2001695//EST//5.6e-51:189:89//Hs.162197:AA535216
 50 F-NT2RM2001696//ESTs, Highly similar to gene ERCC5 protein [H.sapiens]//5.8e-16:144:84//Hs.14671:T79937
 F-NT2RM2001698//ESTs//0.14:184:63//Hs.148080:AI277415
 F-NT2RM2001699//ESTs//6.5e-14:136:79//Hs.127790:AI003817
 F-NT2RM2001700//Homo sapiens putative seven pass transmembrane protein (TM7SF1) mRNA, complete cds//0.95:270:61//Hs.15791:AF027826
 55 F-NT2RM2001706//ESTs//2.8e-47:304:86//Hs.146811:AA410788
 F-NT2RM2001716//Semenogelin I//0.98:153:64//Hs.1968:M81650
 F-NT2RM2001718
 F-NT2RM2001723//Homo sapiens clone 23770 mRNA sequence//4.4e-28:163:95//Hs.12457:AF052123

- F-NT2RM2001727//Homo sapiens mRNA for KIAA0462 protein, partial cds//2.0e-112:530:98//Hs.129937:AB007931
- F-NT2RM2001730//Homo sapiens mRNA for KIAA0560 protein, complete cds//0.95:269:58//Hs.129952:AB011132
- 5 F-NT2RM2001743
- F-NT2RM2001753//Human AF-6 mRNA, complete cds//0.095:350:59//Hs.100469:AB011399
- F-NT2RM2001760//ESTs, Highly similar to PROTEIN TRANSPORT PROTEIN SEC61 ALPHA SUBUNIT [Canis familiaris]//1.3e-17:181:75//Hs.131840:AI016073
- F-NT2RM2001768//ESTs//0.61:189:62//Hs.144847:AI222742
- 10 F-NT2RM2001771//Zinc finger protein 10 (KOX 1)//1.1e-66:669:71//Hs.2479:X78933
- F-NT2RM2001782//YY1 transcription factor//0.094:149:65//Hs.97496:M77698
- F-NT2RM2001784//ESTs//8.2e-31:190:92//Hs.144587:AI193595
- F-NT2RM2001785//Homo sapiens chromosome 11, BAC CIT-HSP-311e8 (BC269730) containing the hFEN1 gene//1.6e-48:476:74//Hs.132898:AC004770
- 15 F-NT2RM2001797//Human mRNA for KIAA0065 gene, partial cds//6.1e-66:481:72//Hs.70617:D31763
- F-NT2RM2001800//Human mRNA for transcriptional activator hSNF2b, complete cds//0.49:142:66//Hs.78202:U29175
- F-NT2RM2001803//Homo sapiens I kappa B kinase complex associated protein (IKAP) mRNA, complete cds//2.7e-179:827:99//Hs.31323:AF044195
- 20 F-NT2RM2001805//EST//1.0:45:80//Hs.159007:AI381341
- F-NT2RM2001813//EST//0.41:268:58//Hs.150031:AI292068
- F-NT2RM2001823//H.sapiens mRNA for 218kD Mi-2 protein//9.7e-21:554:60//Hs.74441:X86691
- F-NT2RM2001839//Homo sapiens calumein (Calu) mRNA, complete cds//1.2e-132:738:90//Hs.7753:AF013759
- F-NT2RM2001840//Homo sapiens PYRIN (MEFV) mRNA, complete cds//5.8e-58:329:86//Hs.113283:AF018080
- 25 F-NT2RM2001855//ADP-ribosylation factor 5//1.0:301:60//Hs.77541:M57567
- F-NT2RM2001867//ESTs, Weakly similar to ZK792.1 [C.elegans]//3.0e-28:421:66//Hs.8763:W30741
- F-NT2RM2001879//ESTs//6.3e-43:234:94//Hs.122546:AA186723
- F-NT2RM2001886//Homo sapiens mRNA for KIAA0710 protein, complete cds//6.1e-189:866:97//Hs.4198:AB014610
- 30 F-NT2RM2001896//Homo sapiens mRNA for JM23 protein, complete coding sequence (clone IMAGE 34581 and IMAGE 45355 and LLNLc1101133Q7 (RZPD Berlin))//3.0e-13:606:57//Hs.23170:AJ005892
- F-NT2RM2001903//Homo sapiens mRNA for KIAA0462 protein, partial cds//9.4e-178:859:97//Hs.129937:AB007931
- F-NT2RM2001930//Homo sapiens semaphorin F homolog mRNA, complete cds//4.2e-08:481:59//Hs.27621:U52840
- 35 F-NT2RM2001935//ESTs, Highly similar to MULTIDRUG RESISTANCE PROTEIN HOMOLOG 50 [Drosophila melanogaster]//0.37:424:60//Hs.118634:U66688
- F-NT2RM2001936//Homo sapiens clone 614 unknown mRNA, complete sequence//2.2e-139:653:98//Hs.21811:AF091080
- 40 F-NT2RM2001950//ESTs//0.12:91:76//Hs.107295:W80392
- F-NT2RM2001982
- F-NT2RM2001983//Homo sapiens Tax interaction protein 2 mRNA, partial cds//1.2e-21:123:98//Hs.6454:AF089816
- F-NT2RM2001989//Homo sapiens mRNA for DRIM protein//0.71:319:59//Hs.104135:AJ006778
- 45 F-NT2RM2001997//ESTs//1.7e-25:135:100//Hs.126894:AA932538
- F-NT2RM2001998//ESTs, Weakly similar to Mi-2 protein [H.sapiens]//0.99:271:60//Hs.63888:AA203398
- F-NT2RM2002004//Homo sapiens mRNA for KIAA0731 protein, partial cds//3.5e-37:509:65//Hs.6214:AB018274
- F-NT2RM2002014//Homo sapiens mRNA for CRM1 protein, complete cds//0.79:429:58//Hs.79090:D89729
- F-NT2RM2002030//Glutamine-fructose-6-phosphate transaminase//9.0e-89:822:73//Hs.1674:M90516
- 50 F-NT2RM2002049//ESTs//0.99:109:71//Hs.19303:AA928427
- F-NT2RM2002055//ESTs//1.1e-91:453:98//Hs.158370:AI382154
- F-NT2RM2002088//ESTs//6.1e-75:302:96//Hs.153471:AI198377
- F-NT2RM2002091//RYANODINE RECEPTOR, SKELETAL MUSCLE//0.69:293:58//Hs.89631:U48508
- F-NT2RM2002100//Homo sapiens mRNA for ATP-dependent RNA helicase, partial//2.5e-165:776:98//Hs.99423:AJ010840
- 55 F-NT2RM2002109//Homo sapiens glioma amplified on chromosome 1 protein (GAC1) mRNA, complete cds//7.6e-145:684:98//Hs.26312:AF030435
- F-NT2RM2002128

- F-NT2RM2002142//ESTs//0.0031:183:66//Hs.144505:AA757274
 F-NT2RM2002145//Homo sapiens erythroblast macrophage protein EMP mRNA, complete cds//1.4e-144:800:92//Hs.20815:AF084928
 F-NT2RM2002178//Homo sapiens mRNA for KIAA0467 protein, partial cds//1.7e-165:787:97//Hs.11147:AB007936
 5 F-NT2RM2002580//Keratin 10 (epidermolytic hyperkeratosis; keratosis palmaris et plantaris)//0.064:291:61//Hs.99936:X14487
 F-NT2RM4000024//RNA polymerase II polypeptide B (140 kD)//8.0e-10:610:59//Hs.148027:X63563
 F-NT2RM4000027//ESTs//1.6e-64:352:94//Hs.21331:H93074
 10 F-NT2RM4000030//ESTs//1.0:115:63//Hs.131055:AI391464
 F-NT2RM4000046//ESTs//2.6e-09:207:65//Hs.143533:AI094674
 F-NT2RM4000061//ESTs//0.89:207:60//Hs.98445:AI038511
 F-NT2RM4000085//ESTs, Weakly similar to The KIAA0134 gene product is related to human RNA helicase A. [H.sapiens]//1.6e-30:369:70//Hs.114623:AI204280
 15 F-NT2RM4000086
 F-NT2RM4000104//Homo sapiens chromosome 16 zinc finger protein ZNF210 (ZNF210) mRNA, complete cds//1.3e-24:345:69//Hs.13128:AF060865
 F-NT2RM4000139
 F-NT2RM4000155
 20 F-NT2RM4000156//ESTs//5.9e-73:345:100//Hs.155958:AA573632
 F-NT2RM4000167//Homo sapiens kinesin family member protein KIF3A mRNA, complete cds//9.8e-30:676:61//Hs.159228:AF041853
 F-NT2RM4000169//ESTs//2.0e-103:483:99//Hs.43729:AA497044
 F-NT2RM4000191//TRICHOHYALIN//0.011:324:60//Hs.82276:L09190
 25 F-NT2RM4000197//ESTs//1.5e-48:311:88//Hs.136144:W27744
 F-NT2RM4000199//ESTs, Weakly similar to !!!! ALU SUBFAMILY J WARNING ENTRY !!!! [H.sapiens]//0.13:322:61//Hs.145088:AI221147
 F-NT2RM4000200
 F-NT2RM4000202//Homo sapiens mRNA for KIAA0288 gene, complete cds//0.0027:424:60//Hs.91400:AB006626
 30 F-NT2RM4000210//Homo sapiens mRNA for KIAA0712 protein, complete cds//4.4e-184:856:98//Hs.111138:AB018255
 F-NT2RM4000215//SET translocation (myeloid leukemia-associated)//0.0013:358:60//Hs.75055:M93651
 F-NT2RM4000229//Homo sapiens mRNA for KIAA0722 protein, complete cds//0.65:572:60//Hs.47061:AF045458
 35 F-NT2RM4000233//ESTs//2.0e-37:269:85//Hs.148873:T33582
 F-NT2RM4000244//EST//0.83:319:57//Hs.162412:AA573439
 F-NT2RM4000251//ESTs, Weakly similar to CUT1 PROTEIN [Schizosaccharomyces pombe]//1.1e-16:112:92//Hs.93841:AA442297
 F-NT2RM4000265//Homo sapiens mRNA for alpha(1,2)fucosyltransferase, complete cds//1.8e-48:229:83//Hs.46328:D87942
 40 F-NT2RM4000290//Human transducin-like enhancer protein (TLE3) mRNA, complete cds//2.5e-154:609:93//Hs.31305:M99438
 F-NT2RM4000324//Homo sapiens hCPE-R mRNA for CPE-receptor, complete cds//0.070:460:59//Hs.5372:AB000712
 45 F-NT2RM4000327//ESTs//0.019:269:60//Hs.153697:AI240707
 F-NT2RM4000344//ESTs, Highly similar to YME1 PROTEIN [Saccharomyces cerevisiae]//2.7e-83:432:95//Hs.12796:W27884
 F-NT2RM4000349//Human mRNA for KIAA0005 gene, complete cds//5.2e-53:666:68//Hs.155291:D13630
 F-NT2RM4000354//ESTs, Weakly similar to lethal(2)denticleless [D.melanogaster]//0.0078:55:92//Hs.59075:M023761
 50 F-NT2RM4000356//ESTs//1.0:225:60//Hs.161175:AI418425
 F-NT2RM4000366//Homo sapiens mRNA for KIAA0642 protein, partial cds//5.3e-135:628:99//Hs.8152:AB014542
 F-NT2RM4000368//ESTs//4.9e-13:323:63//Hs.143695:AA662745
 F-NT2RM4000386//Human DNA sequence from clone 1052M9 on chromosome Xq25. Contains the SH2D1A gene for SH2 domain protein 1A, Duncan's disease (lymphoproliferative syndrome) (DSHP), part of a 60S Acidic Ribosomal protein 1 (RPLP1) LIKE gene and part of a mouse DOC4 LIKE gene. Contains ESTs and GSSs//2.0e-72:843:68//Hs.23796:AL022718
 55 F-NT2RM4000395//Nitric oxide synthase 2A (inducible, hepatocytes)//0.63:166:65//Hs.946:X73029

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F-NT2RM4000414//Homo sapiens XYLB mRNA for xylulokinase, complete cds//4.9e-17:114:94//Hs.137580:
AB015046
F-NT2RM4000421
F-NT2RM4000425//Homo sapiens mRNA for KIAA0594 protein, partial cds//1.1e-42:432:74//Hs.154872:
5 AB011166
F-NT2RM4000433//Colony stimulating factor 3 receptor (granulocyte)//0.023:543:58//Hs.2175:M59820
F-NT2RM4000457
F-NT2RM4000471//Human transcriptional corepressor hKAP1/TIF1B mRNA, complete cds//0.060:178:631//Hs.
66369:U95040
10 F-NT2RM4000486//ESTs//9.2e-48:237:99//Hs.160685:AI280004
F-NT2RM4000496//ESTs//0.069:252:61//Hs.155958:AA573632
F-NT2RM4000511//EST//0.92:191:58//Hs.61517:AA028915
F-NT2RM4000514
F-NT2RM4000515//ESTs//7.3e-93:450:98//Hs.120975:AA034409
15 F-NT2RM4000520//ESTs//0.13:183:65//Hs.144828:AI221305
F-NT2RM4000531//ESTs, Highly similar to ZINC FINGER PROTEIN MLZ-4 [Mus musculus]//1.8e-153:756:96//
Hs.125870:AI364967
F-NT2RM4000532//ESTs//7.7e-43:388:78//Hs.105665:H78987
F-NT2RM4000534
20 F-NT2RM4000585
F-NT2RM4000590//Homo sapiens mRNA for KIAA0469 protein, complete cds//1.2e-19:593:62//Hs.7764:
AB007938
F-NT2RM4000595//ESTs, Highly similar to HYPOTHETICAL 54.9 KD PROTEIN C02F5.7 IN CHROMOSOME III
[Caenorhabditis elegans]//3.1e-104:532:96//Hs.6092:T75227
25 F-NT2RM4000603//Human mRNA for KIAA0392 gene, partial cds//1.7e-15:305:68//Hs.40100:AB002390
F-NT2RM4000611//EST//0.76:268:58//Hs.150031:AI292068
F-NT2RM4000616
F-NT2RM4000674
F-NT2RM4000689
30 F-NT2RM4000698//Apolipoprotein E//1.0:290:59//Hs.76260:M12529
F-NT2RM4000700
F-NT2RM4000712//Homo sapiens ubiquitin hydrolyzing enzyme I (UBH1) mRNA, partial cds//3.5e-91:744:77//Hs.
42400:AF022789
F-NT2RM4000717//ESTs, Highly similar to BONE MORPHOGENETIC PROTEIN 1 PRECURSOR [Mus musculus]
35 //2.6e-163:771:97//Hs.6823:W18181
F-NT2RM4000733//PUTATIVE TACHYKININ RECEPTOR//0.70:257:60//Hs.957:M84605
F-NT2RM4000734//Homo sapiens mRNA for KIAA0760 protein, partial cds//1.2e-159:743:98//Hs.137168:
AB018303
F-NT2RM4000741
40 F-NT2RM4000751//ESTs, Highly similar to ZINC FINGER PROTEIN MLZ-4 [Mus musculus]//1.1e-75:388:96//Hs.
112361:R99396
F-NT2RM4000764//ESTs//3.8e-104:539:95//Hs.24739:H67815
F-NT2RM4000778//ESTs//1.5e-85:419:97//Hs.99838:AA204731
F-NT2RM4000779//Homo sapiens mRNA for KIAA0451 protein, complete cds//1.8e-173:810:98//Hs.18586:
45 AB007920
F-NT2RM4000787//EST//0.011:182:65//Hs.159928:AA969186
F-NT2RM4000790//Homo sapiens chromosome 19, cosmid R27216//4.5e-156:736:98//Hs.25817:AC005306
F-NT2RM4000795//ESTs, Highly Similar to LIVER CARBOXYLESTERASE PRECURSOR [Homo sapiens]//6.7e-
19:160:80//Hs.124902:AI337820
50 F-NT2RM4000796//Human K+ channel subunit gene, complete cds//0.96:292:62//Hs.124212:M64676
F-NT2RM4000798//ESTs//1.9e-34:271:82//Hs.128203:AA972301
F-NT2RM4000813//Homo sapiens snRNA activating protein complex 190kD subunit (SNAP190) mRNA, complete
cds//0.052:238:64//Hs.113265:AF032387
F-NT2RM4000820//ESTs//0.053:274:61//Hs.23748:H16568
55 F-NT2RM4000833
F-NT2RM4000848//Human mRNA for KIAA0324 gene, partial cds//0.97:374:61//Hs.7841:AB002322
F-NT2RM4000852//EST//1.0:222:60//Hs.120354:AA718934
F-NT2RM4000855//ESTs, Highly similar to RAS-RELATED C3 BOTULINUM TOXIN SUBSTRATE 2 [Homo sapi-

ens//4.4e-29:164:95//Hs.115095:AI392943
 F-NT2RM4000887
 F-NT2RM4000895//Homo sapiens HuUAP1 mRNA for UDP-N-acetylglucosamine pyrophosphorylase, complete
 cds//6.8e-22:407:64//Hs.21293:AB011004
 5 F-NT2RM4000950
 F-NT2RM4000971//ESTs//3.6e-27:142:100//Hs.130912:AI014546
 F-NT2RM4000979//Homo sapiens KIAA0415 mRNA, complete cds//3.7e-63:571:77//Hs.7289:AB007875
 F-NT2RM4000996//Zinc finger protein 3 (A8-51)//8.7e-34:381:67//Hs.2481:X78926
 F-NT2RM4001002//Homo sapiens mRNA for KIAA0729 protein, partial cds//1.6e-171:803:98//Hs.19542:
 10 AB018272
 F-NT2RM4001016//Homo sapiens mRNA for KIAA0639 protein, partial cds//1.1e-126:584:99//Hs.15711:
 AB014539
 F-NT2RM4001032//Homo sapiens mRNA for KIAA0711 protein, complete cds//4.8e-05:469:58//Hs.5333:
 AB018254
 15 F-NT2RM4001047//ESTs, Moderately similar to MO25 PROTEIN [M.musculus]//7.0e-56:340:92//Hs.87310:
 AI247543
 F-NT2RM4001054//HIGH AFFINITY IMMUNOGLOBULIN GAMMA FC RECEPTOR I "A FORM" PRECURSOR//
 0.79:142:69//Hs.77424:M63835
 F-NT2RM4001084
 20 F-NT2RM4001092//Human mRNA for KIAA0050 gene, complete cds//0.045:235:62//Hs.108947:D30758
 F-NT2RM4001116
 F-NT2RM4001140//Human engrailed protein (EN2) gene, 5' end//0.00029:225:61//Hs.134989:L12701
 F-NT2RM4001151//ESTs//1.1e-07:190:65//Hs.151691:AA443730
 F-NT2RM4001155//ESTs//2.2e-12:181:74//Hs.128826:AI004145
 25 F-NT2RM4001160//EST//0.83:166:61//Hs.117051:AA677351
 F-NT2RM4001187
 F-NT2RM4001191//ESTs//1.3e-42:248:93//Hs.13475:R18220
 F-NT2RM4001200//Zinc finger protein 10 (KOX 1)//4.0e-68:799:69//Hs.2479:X78933
 F-NT2RM4001203//Homo sapiens rab3-GAP regulatory domain mRNA, complete cds//1.4e-153:707:99//Hs.
 30 14934:AF004828
 F-NT2RM4001204//ESTs, Moderately similar to HYPOTHETICAL 59.1 KD PROTEIN ZK637.1 IN CHROMOSOME
 III [Caenorhabditis elegans]//0.19:291:62//Hs.31582:AA877205
 F-NT2RM4001217//Homo sapiens nuclear matrix protein NRP/B (NRPB) mRNA, complete cds//7.0e-63:715:70//
 Hs.104925:AF059611
 35 F-NT2RM4001256//ESTs, Weakly similar to probable CBP3 protein homolog [C.elegans]//1.1e-67:208:96//Hs.
 26676:AA033997
 F-NT2RM4001258//Homo sapiens mRNA for KIAA0481 protein, complete cds//0.0019:435:59//Hs.6360:
 AB007950
 F-NT2RM4001309//Human Chromosome 16 BAC clone CIT987SK-254P9//0.019:356:59//Hs.26971:AC003003
 40 F-NT2RM4001313//H.sapiens mRNA for phosphatidylinositol 3-kinase//8.0e-79:474:89//Hs.32971:Z46973
 F-NT2RM4001316//ESTs//1.2e-14:126:84//Hs.154344:AA258335
 F-NT2RM4001320//Human mRNA for Neuroblastoma, complete cds//3.6e-43:642:66//Hs.87435:D89016
 F-NT2RM4001340//EST//0.40:135:70//Hs.161198:AI418988
 F-NT2RM4001344//ESTs, Highly similar to HYPOTHETICAL GTP-BINDING PROTEIN IN PMI40-PAC2 INTER-
 45 GENIC REGION [Saccharomyces cerevisiae]//0.0096:284:58//Hs.120997:R56714
 F-NT2RM4001347//ESTs, Weakly similar to weakly similar to ANK repeat region of Fowlpox virus BamHI-orf7
 protein [C.elegans]//3.7e-52:252:100//Hs.15301:AA167818
 F-NT2RM4001371//EST//0.52:262:59//Hs.145991:AI277656
 F-NT2RM4001382//Homo sapiens RanBP7/importin 7 mRNA, complete cds//7.2e-169:790:98//Hs.5151:
 50 AF098799
 F-NT2RM4001384
 F-NT2RM4001410//ESTs//1.1e-47:290:91//Hs.72447:AA160575
 F-NT2RM4001411//Homo sapiens mRNA for APS, complete cds//2.5e-23:475:64//Hs.105052:AB000520
 F-NT2RM4001412
 55 F-NT2RM4001414//ESTs, Moderately similar to 18547_1 [H.sapiens]//5.2e-18:133:87//Hs.28209:AI073817
 F-NT2RM4001437//Human mRNA for KIAA0118 gene, partial cds//2.5e-42:611:70//Hs.154326:D42087
 F-NT2RM4001444
 F-NT2RM4001454//ESTs//3.9e-31:169:96//Hs.117982:AA644658

- F-NT2RM4001455//ESTs//0.0054:48:100//Hs.14920:AA910914
 F-NT2RM4001483//ESTs, Weakly similar to ZINC FINGER PROTEIN ZFP-36 [H.sapiens]//1.1e-71:313:99//Hs.163754:AA587784
 F-NT2RM4001489//Homo sapiens mRNA for KIAA0685 protein, complete cds//3.9e-157:724:99//Hs.153121:AB014585
 5 F-NT2RM4001519//ESTs//0.66:264:59//Hs.139891:AA553619
 F-NT2RM4001522//ESTs, Weakly similar to D9481.12 gene product [S.cerevisiae]//1.3e-114:536:99//Hs.88820:AA456247
 F-NT2RM4001557
 10 F-NT2RM4001565//ESTs//1.7e-107:509:99//Hs.146139:AA731487
 F-NT2RM4001566//Human phosphatidylinositol 3-kinase catalytic subunit p110delta mRNA, complete cds//1.0:255:60//Hs.14207:U86453
 F-NT2RM4001569//ESTs//1.4e-86:417:98//Hs.153044:AI198859
 F-NT2RM4001582
 15 F-NT2RM4001592//EST//0.61:142:64//Hs.162900:AA664566
 F-NT2RM4001594//Homo sapiens mRNA for KIAA0522 protein, partial cds//0.0072:484:60//Hs.129892:AB011094
 F-NT2RM4001597//ESTs, Moderately similar to red-1 [M.musculus]//2.3e-72:387:95//Hs.114722:AA448077
 F-NT2RM4001605//Homo sapiens mRNA for KIAA0791 protein, complete cds//1.1e-163:750:99//Hs.23255:AB018334
 20 F-NT2RM4001611//ESTs, Weakly similar to F25H9.6 [C.elegans]//8.6e-05:91:79//Hs.24647:W19739
 F-NT2RM4001629//ESTs, Moderately similar to 55 KD ERYTHROCYTE MEMBRANE PROTEIN [Homo sapiens]//0.0042:153:68//Hs.114832:AI147946
 F-NT2RM4001650//Human mRNA for KIAA0341 gene, partial cds//0.95:328:60//Hs.101761:AB002339
 25 F-NT2RM4001662//Human mRNA for KIAA0322 gene, partial cds//8.3e-83:449:93//Hs.153685:AB002320
 F-NT2RM4001666//ESTs//2.1e-11:78:96//Hs.152446:AA555323
 F-NT2RM4001682//EST//0.027:145:70//Hs.133253:AI052638
 F-NT2RM4001710//ESTs//0.098:140:62//Hs.5796:AA767384
 F-NT2RM4001714//Human mRNA for KIAA0202 gene, partial cds//2.2e-86:748:74//Hs.80712:D86957
 30 F-NT2RM4001715//ESTs//1.3e-104:490:99//Hs.127336:AI332905
 F-NT2RM4001731//Human involucrin mRNA//0.23:432:59//Hs.157091:M13903
 F-NT2RM4001741//Human mRNA for KIAA0320 gene, partial cds//6.9e-80:737:73//Hs.150443:AB002318
 F-NT2RM4001746//H.sapiens NF-H gene, exon 1 (and joined CDS)//2.1e-07:418:61//Hs.75735:X15306
 F-NT2RM4001754//ESTs, Weakly similar to RETROVIRUS-RELATED POL POLYPROTEIN [Mus musculus]//2.0e-27:205:83//Hs.110601:AA206719
 35 F-NT2RM4001758//H.sapiens mRNA for serine/threonine protein kinase EMK//2.1e-86:729:75//Hs.157199:X97630
 F-NT2RM4001776//Homo sapiens mRNA for KIAA0727 protein, partial cds//7.4e-175:803:99//Hs.39871:AB018270
 40 F-NT2RM4001783//ESTs, Weakly similar to T12D8.i [C.elegans]//3.1e-71:376:95//Hs.108396:AA160677
 F-NT2RM4001810//Homo sapiens centrosomal Nek2-associated protein 1 (C-NAP1) mRNA, complete cds//0.99:446:58//Hs.27910:AF049105
 F-NT2RM4001813//Homo sapiens clone 24820 mRNA sequence//6.6e-14:249:70//Hs.146312:AF070547
 F-NT2RM4001819//Cell division cycle 2-like 1 (PITSLRE proteins)//1.4e-35:195:95//Hs.963:M37712
 45 F-NT2RM4001823//ESTs, Weakly similar to ZINC FINGER PROTEIN 91 [H.sapiens]//2.3e-40:252:90//Hs.119294:AI379442
 F-NT2RM4001828//Zinc finger protein 157 (HZF22)//1.8e-75:688:72//Hs.89897:U28687
 F-NT2RM4001836//NUCLEOBINDIN PRECURSOR//0.0022:588:59//Hs.953:M96824
 F-NT2RM4001841//ESTs//0.86:156:67//Hs.146276:AI214204
 50 F-NT2RM4001842//ESTs//0.20:191:62//Hs.107657:AA126814
 F-NT2RM4001856
 F-NT2RM4001858//Human putative cerebral cortex transcriptional regulator T-Brain-1 (Tbr-1) mRNA, complete cds//8.0e-10:244:66//Hs.22138:U49250
 F-NT2RM4001865//Homo sapiens mRNA for atopy related autoantigen CALC//2.3e-150:704:98//Hs.61628:Y17711
 55 F-NT2RM4001876//Human mRNA for KIAA0231 gene, partial cds//9.1e-44:621:66//Hs.7938:D86984
 F-NT2RM4001880
 F-NT2RM4001905//ESTs//7.5e-11:137:75//Hs.86950:AI204212

- F-NT2RM4001922//ESTs//2.5e-51:291:93//Hs.26660:AI312633
 F-NT2RM4001930//Homo sapiens mRNA for putative glucosyltransferase, partial cds//0.98:359:57//Hs.155356:
 AJ224875
 F-NT2RM4001938
 5 F-NT2RM4001940//Homo sapiens timeless homolog mRNA, complete cds//3.6e-172:808:98//Hs.118631:
 AF098162
 F-NT2RM4001953//Human mRNA for KIAA0118 gene, partial cds//5.0e-54:362:83//Hs.154326:D42087
 F-NT2RM4001965//ESTs, Weakly similar to KIAA0157 gene product is novel. [H.sapiens]//1.8e-65:337:96//Hs.
 130135:AA905493
 10 F-NT2RM4001969//ESTs//0.00024:261:63//Hs.157579:AI312862
 F-NT2RM4001979//Homo sapiens mRNA for KIAA0798 protein, complete cds//3.2e-63:527:76//Hs.159277:
 AB018341
 F-NT2RM4001984//EST//7.1e-05:235:61//Hs.105444:AA508082
 F-NT2RM4001987//Homo sapiens mRNA for KIAA0467 protein, partial cds//0.73:181:65//Hs.11147:AB007936
 15 F-NT2RM4002013//ESTs//0.97:185:63//Hs.103345:AI302271
 F-NT2RM4002018//ESTs//2.5e-76:398:94//Hs.119544:T95601
 F-NT2RM4002034
 F-NT2RM4002044//ESTs//9.6e-83:410:97//Hs.128162:AA815048
 F-NT2RM4002054//EST//8.5e-12:176:71//Hs.137181:R56912
 20 F-NT2RM4002055//Homo sapiens mRNA for KIAA0640 protein, partial cds//3.3e-173:803:98//Hs.153026:
 AB014540
 F-NT2RM4002062//ESTs, Weakly similar to ASPARTYL-TRNA SYNTHETASE [Thermus aquaticus thermophilus]
 //7.0e-94:396:94//Hs.59346:AI126802
 F-NT2RM4002063
 25 F-NT2RM4002066//Homo sapiens OPA-containing protein mRNA, complete cds//1.1e-74:889:69//Hs.85313:
 AF071309
 F-NT2RM4002067//ESTs//2.3e-34:455:69//Hs.118273:AA626040
 F-NT2RM4002073//Insulin-like growth factor binding protein 2//3.2e-10:470:61//Hs.162:X16302
 F-NT2RM4002075//Homo sapiens actin binding protein MAYVEN mRNA, complete cds//2.9e-24:588:61//Hs.
 30 122967:AF059569
 F-NT2RM4002093//Polypyrimidine tract binding protein (hnRNP I) {alternative products}//9.2e-34:532:65//Hs.
 146459:X66975
 F-NT2RM4002109//Homo sapiens mitotic centromere-associated kinesin mRNA, complete cds//0.99:408:62//Hs.
 69360:U63743
 35 F-NT2RM4002128//Homo sapiens mRNA for KIAA0642 protein, partial cds//0.93:202:63//Hs.8152:AB014542
 F-NT2RM4002140//Human p300 protein mRNA, complete cds//0.99:320:59//Hs.25272:U01877
 F-NT2RM4002145//CARBOXYPEPTIDASE N 83 KD CHAIN//2.7e-06:388:59//Hs.73858:J05158
 F-NT2RM4002146//ESTs, Highly similar to similar to mago nashi [H.sapiens]//1.6e-135:646:97//Hs.104650:
 AI037879
 40 F-NT2RM4002161//Homo sapiens laforin (EPM2A) mRNA, partial cds//1.4e-150:763:95//Hs.22464:AF084535
 F-NT2RM4002174
 F-NT2RM4002189//Mucin 2, intestinal/tracheal//0.087:298:61//Hs.315:L21998
 F-NT2RM4002194//Human semaphorin III family homolog mRNA, complete cds//7.3e-11:454:60//Hs.32981:
 U38276
 45 F-NT2RM4002205//EST//2.6e-21:270:71//Hs.120013:AA707454
 F-NT2RM4002213//Homo sapiens mRNA for KIAA0610 protein, partial cds//0.52:313:61//Hs.118087:AB011182
 F-NT2RM4002226//ESTs, Highly similar to GTPASE ACTIVATING PROTEIN ROTUND [Drosophila melanogaster]
 //8.4e-125:588:98//Hs.23900:U82984
 F-NT2RM4002251//ESTs//1.0:77:74//Hs.155135:AA910966
 50 F-NT2RM4002256//ESTs//7.5e-28:358:74//Hs.13356:AI205764
 F-NT2RM4002266//Human kinase Myt1 (Myt1) mRNA, complete cds//0.73:502:57//Hs.77783:AF014118
 F-NT2RM4002278//EST//0.33:138:63//Hs.144096:AI032180
 F-NT2RM4002281
 F-NT2RM4002287//ESTs//0.00037:55:98//Hs.11134:T62979
 55 F-NT2RM4002294//Human mRNA for KIAA0281 gene, complete cds//6.7e-50:511:72//Hs.31463:D87457
 F-NT2RM4002301
 F-NT2RM4002323//ESTs//3.6e-09:105:87//Hs.131737:AI343331
 F-NT2RM4002339

F-NT2RM4002344//EST//0.16:166:64//Hs.128600:AA906454
 F-NT2RM4002373//Homo sapiens mRNA for KIAA0649 protein, complete cds//9.1e-151:708:98//Hs.26163:AB014549
 F-NT2RM4002374//Homo sapiens mRNA for KIAA0720 protein, partial cds//0.0040:303:63//Hs.23741:AB018263
 5 F-NT2RM4002383//ESTs//8.0e-16:153:78//Hs.155243:N70293
 F-NT2RM4002390
 F-NT2RM4002398
 F-NT2RM4002409
 F-NT2RM4002438//ESTs, Weakly similar to probable CBP3 protein homolog [C.elegans]//1.1e-55:282:96//Hs.26676:AA033997
 10 F-NT2RM4002446//Homo sapiens clone 24574 mRNA sequence//0.59:339:60//Hs.18686:AF052151
 F-NT2RM4002452
 F-NT2RM4002457//Homo sapiens mRNA for epiregulin, complete cds//3.2e-25:228:81//Hs.115263:D30783
 F-NT2RM4002460//EST//1.0:142:65//Hs.145370:AI252780
 15 F-NT2RM4002479//Homo sapiens RNA helicase-related protein mRNA, complete cds//8.9e-165:777:98//Hs.8765:AF083255
 F-NT2RM4002482//Homo sapiens mRNA for KIAA0691 protein, complete cds//7.3e-95:464:97//Hs.94781:AB014591
 F-NT2RM4002493
 20 F-NT2RM4002499//ESTs//1.3e-44:653:67//Hs.23790:N99347
 F-NT2RM4002504//Small inducible cytokine A5 (RANTES)//4.3e-30:225:83//Hs.155464:AF088219
 F-NT2RM4002527//Human pre-B cell enhancing factor (PBEF) mRNA, complete cds//0.99:290:60//Hs.154968:U02020
 F-NT2RM4002532//Human mRNA for KIAA0238 gene, partial cds//1.0:232:61//Hs.82042:D87075
 25 F-NT2RM4002534//Homo sapiens angiotensin/vasopressin receptor AII/AVP mRNA, complete cds//1.0:100:70//Hs.159483:AF054176
 F-NT2RM4002558//Homo sapiens amphiphysin II mRNA, complete cds//0.17:393:61//Hs.6619:U84004
 F-NT2RM4002565//Homo sapiens mRNA for Asparaginyl tRNA Synthetase, complete cds//1.0:226:60//Hs.84043:D84273
 30 F-NT2RM4002567//ESTs, Weakly similar to C17G10.1 [C.elegans]//3.3e-88:484:93//Hs.105837:AA536054
 F-NT2RM4002571//ESTs, Weakly similar to UDP-GalNAc:polypeptide N-acetylgalactosaminyltransferase [H.sapiens]//0.059:121:70//Hs.155413:AA429394
 F-NT2RM4002593//ESTs//1.0e-15:103:95//Hs.108920:W28151
 F-NT2RM4002594//Homo sapiens 26S proteasome regulatory subunit (SUG2) mRNA, complete cds//1.0e-06:499:59//Hs.79357:D78275
 35 F-NT2RM4002623//ESTs//1.2e-11:92:92//Hs.164046:T97402
 F-NT2RP1000018//Homo sapiens mRNA for KIAA0687 protein, partial cds//2.0e-102:746:81//Hs.3628:AB014587
 F-NT2RP1000035//Homo sapiens mRNA for NS1-binding protein (NS1-BP)//3.7e-155:747:96//Hs.159597:AJ012449
 40 F-NT2RP1000040//ESTs//1.3e-58:338:92//Hs.17534:H16907
 F-NT2RP1000063//ESTs//0.0013:72:83//Hs.108196:W81647
 F-NT2RP1000086//Human mRNA for KIAA0360 gene, partial cds//5.4e-185:548:91//Hs.79971:X98834
 F-NT2RP1000101//Homo sapiens hook2 protein (HOOK2) mRNA, complete cds//0.33:247:61//Hs.30792:AF044924
 45 F-NT2RP1000111
 F-NT2RP1000112//TTK protein kinase//3.2e-40:324:81//Hs.2052:M86699
 F-NT2RP1000124//ESTs//2.4e-42:268:89//Hs.146078:AI084025
 F-NT2RP1000130//ESTs, Moderately similar to HEPATOMA-DERIVED GROWTH FACTOR [H.sapiens]//1.4e-71:382:94//Hs.127842:W38901
 50 F-NT2RP1000163//Homo sapiens cell cycle progression 2 protein (CPR2) mRNA, complete cds//2.1e-06:77:90//Hs.3760:AF011792
 F-NT2RP1000170//EST//0.68:130:63//Hs.146994:AI184430
 F-NT2RP1000174//Homo sapiens clone 24432 mRNA sequence//8.3e-140:679:97//Hs.78019:AF070535
 F-NT2RP1000191//ESTs//1.3e-71:405:93//Hs.24054:N46499
 55 F-NT2RP1000202//H.sapiens mRNA for cytokine inducible nuclear protein//2.0e-05:591:58//Hs.74019:X83703
 F-NT2RP1000243
 F-NT2RP1000259
 F-NT2RP1000272//Homo sapiens TLS-associated protein TASR-2 mRNA, complete cds//5.4e-109:528:97//Hs.

- 4214:AF067730
 F-NT2RP1000324//ESTs//3.4e-98:499:96//Hs.42530:N41661
 F-NT2RP1000326//Homo sapiens metaxin 2 (MTX2) mRNA, nuclear gene encoding mitochondrial protein, complete cds//1.3e-148:693:98//Hs.31584:AF053551
 5 F-NT2RP1000333//Homo sapiens monocyte/macrophage Ig-related receptor MIR-10 (MIR cl-10) mRNA, complete cds//0.28:328:60//Hs.22405:AF004231
 F-NT2RP1000348//Human plectin (PLEC1) mRNA, complete cds//0.018:337:62//Hs.79706:U53204
 F-NT2RP1000357
 F-NT2RP1000358//DYNAMIN-1//0.96:273:59//Hs.126:L07807
 10 F-NT2RP1000363//Homo sapiens mRNA for KIAA0638 protein, partial cds//3.2e-126:497:86//Hs.77864:AB014538
 F-NT2RP1000376//Homo sapiens calcium-independent phospholipase A2 mRNA, complete cds//5.9e-178:877:96//Hs.120360:AF064594
 F-NT2RP1000409//ESTs//5.4e-59:415:83//Hs.140578:AA828031
 15 F-NT2RP1000413//Homo sapiens mRNA for KIAA0587 protein, complete cds//3.0e-179:710:98//Hs.21862:AB011159
 F-NT2RP1000416//ESTs, Highly similar to BONE MORPHOGENETIC PROTEIN 1 PRECURSOR [Mus musculus] //7.3e-177:857:97//Hs.6823:W18181
 F-NT2RP1000418//Homo sapiens calcium-activated potassium channel (KCNN3) mRNA, complete cds//0.46:222:60//Hs.89230:AF031815
 20 F-NT2RP1000439//EST//0.98:339:56//Hs.137377:AA101603
 F-NT2RP1000443//Human SLP-76 associated protein mRNA, complete cds//1.0:356:59//Hs.58435:AF001862
 F-NT2RP1000460
 F-NT2RP1000470//Human DNA from chromosome 19-specific cosmid R27090, genomic sequence//3.7e-134:665:96//Hs.143187:AC002985
 25 F-NT2RP1000478//Human beta-tubulin class III isotype (beta-3) mRNA, complete cds//6.2e-57:440:80//Hs.159154:U47634
 F-NT2RP1000481//ESTs//4.8e-21:154:87//Hs.17392:AA535102
 F-NT2RP1000493
 30 F-NT2RP1000513//ESTs//2.2e-71:409:91//Hs.121029:AA480977
 F-NT2RP1000522//Homo sapiens clone DT1P1A11 mRNA, CAG repeat region//0.21:255:62//Hs.98834:U92992
 F-NT2RP1000547//H.sapiens mRNA for transmembrane protein rnp24//1.9e-06:337:63//Hs.75914:X92098
 F-NT2RP1000574//Homo sapiens homeobox protein MEIS2 (MEIS2) mRNA, partial cds//1.4e-82:295:92//Hs.104105:AF017418
 35 F-NT2RP1000577//Human sialoprotein mRNA, complete cds//0.014:235:65//Hs.121552:J05213
 F-NT2RP1000581//VON WILLEBRAND FACTOR PRECURSOR//1.6e-33:223:89//Hs.110802:X04385
 F-NT2RP1000609//Homo sapiens chromosome 11, BAC CIT-HSP-311e8 (BC269730) containing the hFEN1 gene//2.2e-49:506:73//Hs.132898:AC004770
 F-NT2RP1000629//Human clathrin assembly protein 50 (AP50) mRNA, complete cds//3.6e-19:556:62//Hs.152936:D63475
 40 F-NT2RP1000630
 F-NT2RP1000677//Human breast tumor autoantigen mRNA, complete sequence//2.4e-05:389:59//Hs.3844:U24576
 F-NT2RP1000688//ESTs, Weakly similar to T06E6.d [C.elegans]//2.5e-43:232:95//Hs.3487:AA425553
 45 F-NT2RP1000695//ESTs, Weakly similar to C27F2.7 gene product [C.elegans]//9.2e-53:312:90//Hs.7049:AI141736
 F-NT2RP1000701//Myogenic factor 3//0.81:186:63//Hs.2834:AF027148
 F-NT2RP1000721//Homo sapiens mRNA for repressor protein, partial cds//4.0e-33:278:78//Hs.58167:D30612
 F-NT2RP1000730//ESTs, Weakly similar to putative p150 [H.sapiens]//6.2e-40:297:84//Hs.18122:AI338045
 50 F-NT2RP1000733//G1 to S phase transition 1//1.4e-31:286:78//Hs.2707:X17644
 F-NT2RP1000738//Homo sapiens Wolf-Hirschhorn syndrome candidate 2 protein (WHSC2) mRNA, complete cds//2.6e-123:604:96//Hs.21771:AF101434
 F-NT2RP1000746
 F-NT2RP1000767
 55 F-NT2RP1000782//Human globin gene//3.6e-21:140:91//Hs.100090:M69023
 F-NT2RP1000796//H.sapiens mRNA for ROX protein//0.17:404:57//Hs.25497:X96401
 F-NT2RP1000825//Human DNA sequence from PAC 127B20 on chromosome 22q11.2-qter, contains gene for GTPase-activating protein similar to rhoGAP protein. ribosomal protein L6 pseudogene, ESTs and CA repeat//

- 2.7e-23:147:91//Hs.102336:Z83838
 F-NT2RP1000833//Homo sapiens cGMP phosphodiesterase A1 (PDE9A) mRNA, complete cds//5.4e-143:424:96//Hs.18953:AF067223
 F-NT2RP1000834//ESTs//0.18:280:60//Hs.157215:AI332903
 5 F-NT2RP1000836//EST//0.60:103:66//Hs.145708:AI267990
 F-NT2RP1000846//EST//1.2e-15:322:65//Hs.149925:AI288838
 F-NT2RP1000851//ESTs//6.1e-96:459:98//Hs.121586:AA423875
 F-NT2RP1000856//Human globin gene//6.7e-22:140:91//Hs.100090:M69023
 F-NT2RP1000860//Homo sapiens KL04P mRNA, complete cds//2.2e-107:551:95//Hs.125156:AF064094
 10 F-NT2RP1000902//EST//1.8e-28:218:85//Hs.145258:AI218683
 F-NT2RP1000915//ESTs//8.8e-11:102:81//Hs.163740:AI248847
 F-NT2RP1000916//ESTs, Weakly similar to coded for by C. elegans cDNA cm04e9 [C.elegans]//2.2e-27:159:94//Hs.122153:AA780270
 F-NT2RP1000943//Human hSIAH2 mRNA, complete cds//0.45:130:68//Hs.20191:U76248
 15 F-NT2RP1000944//EST//0.99:116:63//Hs.116633:AA668400
 F-NT2RP1000947//Human E2 ubiquitin conjugating enzyme UbcH5B (UBCH5B) mRNA, complete cds//2.7e-26:185:87//Hs.108332:U39317
 F-NT2RP1000954//Homo sapiens BACH1 mRNA, complete cds//0.81:329:56//Hs.154276:AB002803
 F-NT2RP1000958//ESTs//1.3e-20:129:92//Hs.163740:AI248847
 20 F-NT2RP1000959//Ribosomal protein, large, P0//0.36:76:73//Hs.73742:M17885
 F-NT2RP1000966//NUCLEOLIN//1.2e-72:353:98//Hs.79110:M60858
 F-NT2RP1000980//ESTs//1.6e-109:555:96//Hs.84429:N28866
 F-NT2RP1000988//Human chromosome 3p21.1 gene sequence//2.6e-73:665:80//Hs.82837:L13435
 F-NT2RP1001011
 25 F-NT2RP1001013//ESTs//3.4e-40:393:74//Hs.120206:AI089163
 F-NT2RP1001014
 F-NT2RP1001033//Tubulin, gamma polypeptide//0.00041:313:59//Hs.150785:M61764
 F-NT2RP1001073//Glucocorticoid receptor//1.0:204:61//Hs.75772:M10901
 F-NT2RP1001079//ESTs//1.0:174:62//Hs.158209:AI360531
 30 F-NT2RP1001080//Homo sapiens forkhead protein (FKHRL1) mRNA, complete cds//0.57:215:64//Hs.14845:AF032886
 F-NT2RP1001113//ESTs, Weakly similar to coded for by C. elegans cDNA CEESB82F [C.elegans]//1.4e-65:293:95//Hs.32751:H38087
 F-NT2RP1001173
 35 F-NT2RP1001177//Homo sapiens histone macroH2A1.2 mRNA, complete cds//6.1e-26:259:74//Hs.75258:AF054174
 F-NT2RP1001185//EST//1.4e-27:266:77//Hs.122245:AA781524
 F-NT2RP1001199//ESTs//0.97:75:73//Hs.131498:AI022150
 F-NT2RP1001247//Human endometrial bleeding associated factor mRNA, complete cds//1.6e-19:120:95//Hs.25195:U81523
 40 F-NT2RP1001248//ESTs//3.0e-21:143:93//Hs.157243:AI337094
 F-NT2RP1001253//PUTATIVE GLUCOSAMINE-6-PHOSPHATE ISOMERASE//1.2e-89:344:93//Hs.3090:AJ002231
 F-NT2RP1001286//H.sapiens mRNA for adenosine triphosphatase, calcium//0.026:392:57//Hs.5541:Y15724
 45 F-NT2RP1001294
 F-NT2RP1001302
 F-NT2RP1001310//Homo sapiens creatine transporter mRNA, complete cds//3.6e-07:379:61//Hs.154503:U36341
 F-NT2RP1001311//ESTs//9.5e-73:403:93//Hs.24739:H67815
 F-NT2RP1001313//Homo sapiens chromosome 11, BAC CIT-HSP-311e8 (BC269730) containing the hFEN1 gene//3.1e-87:437:97//Hs.132898:AC004770
 50 F-NT2RP1001361//ESTs, Highly similar to NADH-UBIQUINONE OXIDOREDUCTASE SUBUNIT B14.5B [Bos taurus]//6.8e-101:480:94//Hs.75017:AA166853
 F-NT2RP1001385//EST//0.86:127:65//Hs.156304:AI336859
 F-NT2RP1001395//Homo sapiens stannin mRNA, complete cds//0.75:355:58//Hs.76691:AF070673
 55 F-NT2RP1001410//Thromboxane A2 receptor//1.0:157:63//Hs.89887:D38081
 F-NT2RP1001424//ESTs//5.3e-20:118:95//Hs.159792:R60700
 F-NT2RP1001432//ESTs//5.3e-20:118:95//Hs.159792:R60700
 F-NT2RP1001449//Homo sapiens clone 24733 mRNA sequence//5.7e-86:422:97//Hs.21970:AF052149

F-NT2RP1001457//H.sapiens DAP-kinase mRNA//0.40:231:61//Hs.153924:X76104
 F-NT2RP1001466
 F-NT2RP1001475//ESTs//1.2e-98:495:97//Hs.14347:AA287742
 F-NT2RP1001482
 5 F-NT2RP1001494
 F-NT2RP1001543//ESTs//1.2e-38:207:98//Hs.131063:AI016400
 F-NT2RP1001546//Homo sapiens mRNA for DAP-1 beta, complete cds//0.00077:254:64//Hs.75814:AB000277
 F-NT2RP1001569
 F-NT2RP1001616//Homo sapiens Tax interaction protein 1 mRNA, partial cds//2.5e-41:496:74//Hs.12956:U90913
 10 F-NT2RP1001665//ESTs//9.4e-58:311:96//Hs.127391:AA954420
 F-NT2RP2000001//Homo sapiens clone 617 unknown mRNA, complete sequence//4.7e-137:685:96//Hs.93677:
 AF091081
 F-NT2RP2000006//ESTs, Weakly similar to B0035.14 [C.elegans]//8.2e-47:300:89//Hs.6473:AA853955
 F-NT2RP2000007//Human mRNA for KIAA0392 gene, partial cds//1.1e-15:241:68//Hs.40100:AB002390
 15 F-NT2RP2000008//Human mRNA for KIAA0065 gene, partial cds//1.5e-29:526:66//Hs.70617:D31763
 F-NT2RP2000027//ESTs, Highly similar to LINE-1 REVERSE TRANSCRIPTASE HOMOLOG [Homo sapiens]//
 2.0e-26:214:82//Hs.140385:AA773359
 F-NT2RP2000032//ESTs//0.91:368:57//Hs.131209:AI038867
 F-NT2RP2000040//Homo sapiens mRNA for KIAA0747 protein, partial cds//6.1e-78:383:97//Hs.8309:AB018290
 20 F-NT2RP2000045//Homo sapiens tumorous imaginal discs protein Tid56 homolog (TID1) mRNA, complete cds//
 7.8e-97:467:97//Hs.6216:AF061749
 F-NT2RP2000054//HOMEBOX/POU DOMAIN PROTEIN RDC-1//1.0:110:70//Hs.74095:L20433
 F-NT2RP2000056//Human HPTP epsilon mRNA for protein tyrosine phosphatase epsilon//1.2e-27:146:100//Hs.
 155991:X54134
 25 F-NT2RP2000067//Human DNA sequence from clone 1052M9 on chromosome Xq25. Contains the SH2D1A gene
 for SH2 domain protein 1A, Duncan's disease (lymphoproliferative syndrome) (DSHP), part of a 60S Acidic Ribos-
 omal protein 1 (RPLP1) LIKE gene and part of a mouse DOC4 LIKE gene. Contains ESTs and GSSs//8.1e-41:
 767:61//Hs.23796:AL022718 F-NT2RP2000070//Homo sapiens chromosome 5, BAC clone 203o13 (LBNL H155),
 complete sequence//6.5e-08:344:58//Hs.159402:AC005609
 30 F-NT2RP2000076//H.sapiens mRNA for TFIIA//0.00023:356:62//Hs.121686:D14887
 F-NT2RP2000077//Homo sapiens growth arrest specific 11 (GAS11) mRNA, complete cds//6.8e-79:278:97//Hs.
 54877:AF050078
 F-NT2RP2000079//ESTs//1.2e-36:202:94//Hs.17606:AI279879
 F-NT2RP2000088//Homo sapiens mRNA for KIAA0795 protein, partial cds//7.1e-160:752:98//Hs.22926:
 35 AB018338
 F-NT2RP2000091
 F-NT2RP2000097
 F-NT2RP2000098//ESTs//0.086:92:69//Hs.159389:AI371963
 F-NT2RP2000108//Human mRNA for KIAA0392 gene, partial cds//1.4e-18:200:77//Hs.40100:AB002390
 40 F-NT2RP2000114//Homo sapiens mRNA for GM3 synthase, complete cds//1.6e-115:551:97//Hs.17706:
 AB018356
 F-NT2RP2000120//ESTs, Weakly similar to HYPOTHETICAL 68.7 KD PROTEIN ZK757.1 IN CHROMOSOME III
 [C.elegans]//0.019:72:81//Hs.5268:W22670
 F-NT2RP2000126//Homo sapiens chromodomain-helicase-DNA-binding protein mRNA, complete cds//1.4e-120:
 45 607:96//Hs.159273:AF054177
 F-NT2RP2000133//Neuronal pentraxin II//0.00014:401:61//Hs.3281:U29195
 F-NT2RP2000147//Human clathrin assembly protein 50 (AP50) mRNA, complete cds//2.2e-18:559:60//Hs.
 152936:D63475
 F-NT2RP2000153//Homo sapiens splicing factor (CC1.3) mRNA, complete cds//0.33:85:70//Hs.256:L10910
 50 F-NT2RP2000157//ESTs//0.53:75:81//Hs.24885:R49291
 F-NT2RP2000161//ESTs//2.6e-06:89:84//Hs.21738:AI188190
 F-NT2RP2000173
 F-NT2RP2000175
 F-NT2RP2000183//Homo sapiens mRNA for dihydropyrimidinase related protein 4, complete cds//0.0018:324:58//
 55 Hs.100058:AB006713
 F-NT2RP2000195//ESTs, Weakly similar to C37E2.2 [C.elegans]//3.6e-37:233:90//Hs.56750:AI148761
 F-NT2RP2000205//ESTs//5.6e-58:317:93//Hs.49559:AA401050
 F-NT2RP2000208

F-NT2RP2000224//Homo sapiens hLRp105 mRNA for LDL receptor related protein 105, complete cds//0.0071:
 243:61//Hs.143641:AB009462
 F-NT2RP2000232//EST//0.0087:187:62//Hs.151024:Z39990
 F-NT2RP2000233//Homo sapiens Notch3 (NOTCH3) mRNA, complete cds//0.17:342:59//Hs.8546:U97669
 5 F-NT2RP2000239//Human mRNA for KIAA0380 gene, complete cds//1.0:227:60//Hs.47822:AB002378
 F-NT2RP2000248//EST//0.49:117:70//Hs.61016:AA019719
 F-NT2RP2000257//Macrophage stimulating 1 (hepatocyte growth factor-like)//0.51:227:60//Hs.30223:X90846
 F-NT2RP2000258//ESTs//3.1e-48:261:94//Hs.128230:AA972691
 F-NT2RP2000270//ESTs//2.9e-38:357:75//Hs.140329:AA714011
 10 F-NT2RP2000274//ESTs//1.1e-106:508:98//Hs.47646:AA307599
 F-NT2RP2000283//EST//1.0:139:63//Hs.128256:AA972910
 F-NT2RP2000288
 F-NT2RP2000289
 F-NT2RP2000297//Human repressor transcriptional factor (ZNF85) mRNA, complete cds//4.2e-60:744:70//Hs.
 15 37138:U35376
 F-NT2RP2000298//ESTs//6.1e-46:322:85//Hs.159490:AI123467
 F-NT2RP2000310//Human proline dehydrogenase/proline oxidase (PRODH) mRNA, complete cds//4.3e-13:140:
 80//Hs.58218:U82381
 F-NT2RP2000327//ESTs//4.3e-18:108:98//Hs.126212:AI417006
 20 F-NT2RP2000328//ESTs//6.3e-88:437:96//Hs.127336:AI332905
 F-NT2RP2000329//GTP:AMP PHOSPHOTRANSFERASE MITOCHONDRIAL//6.6e-41:607:66//Hs.101642:
 X60673
 F-NT2RP2000337//Homo sapiens neurocan (CSPG3) mRNA, complete cds//0.96:126:69//Hs.153706:AF026547
 F-NT2RP2000346//Homo sapiens apoptosis associated protein (GADD34) mRNA, complete cds//1.2e-130:627:
 25 97//Hs.76556:U83981
 F-NT2RP2000369//Homo sapiens mRNA for KIAA0630 protein, partial cds//0.56:464:57//Hs.12259:AB014530
 F-NT2RP2000412//ESTs//1.0:214:60//Hs.91226:AA649047
 F-NT2RP2000414//Homo sapiens HnRNP F protein mRNA, complete cds//1.6e-67:375:93//Hs.808:L28010
 F-NT2RP2000420//ESTs, Moderately similar to zinc finger protein [H.sapiens]//3.9e-75:413:92//Hs.36779:
 30 AA626790
 F-NT2RP2000422//Homo sapiens N-acetylglucosamine-phosphate mutase mRNA, complete cds//6.7e-128:609:
 96//Hs.5819:AF102265
 F-NT2RP2000438//ESTs//1.3e-05:50:98//Hs.156532:AA913381
 F-NT2RP2000448//EST//1.1e-24:136:98//Hs.160402:AI393918
 35 F-NT2RP2000459//H.sapiens mRNA for imogen 38//1.9e-22:158:87//Hs.154655:Z68747
 F-NT2RP2000498//ESTs//1.0e-17:181:79//Hs.155243:N70293
 F-NT2RP2000503//ESTs//4.5e-41:205:100//Hs.62751:AA765702
 F-NT2RP2000510
 F-NT2RP2000516
 40 F-NT2RP2000523//ESTs, Highly similar to APOLIPOPROTEIN B MRNA EDITING PROTEIN [Rattus norvegicus]
 //3.2e-15:167:75//Hs.10984:AA806768
 F-NT2RP2000603//Homo sapiens mRNA for KIAA0572 protein, partial cds//5.6e-38:196:98//Hs.14409:AB011144
 F-NT2RP2000617//Myosin, heavy polypeptide 6, cardiac muscle, alpha (cardiomyopathy, hypertrophic 1)//1.0:
 242:57//Hs.114001:Z20656
 45 F-NT2RP2000634//Homo sapiens mRNA for KIAA0614 protein, partial cds//4.2e-151:732:97//Hs.7314:AB014514
 F-NT2RP2000644//ESTs//0.035:276:60//Hs.43660:N33174
 F-NT2RP2000656
 F-NT2RP2000658//ESTs//0.032:281:59//Hs.124853:AA420602
 F-NT2RP2000668
 50 F-NT2RP2000678//ESTs//2.9e-16:310:65//Hs.126867:AI093453
 F-NT2RP2000704//ESTs, Highly similar to PUTATIVE SERINE/THREONINE-PROTEIN KINASE C41C.4 IN
 CHROMOSOME II PRECURSOR [Caenorhabditis elegans]//2.4e-31:233:78//Hs.114905:AA088442
 F-NT2RP2000710
 F-NT2RP2000715
 55 F-NT2RP2000731
 F-NT2RP2000758//EST//1.0e-14:199:71//Hs.162409:AA573242
 F-NT2RP2000764//ESTs, Weakly similar to NIFS-LIKE 54.5 KD PROTEIN [Saccharomyces cerevisiae]//1.6e-74:
 445:89//Hs.21421:AA911739

F-NT2RP2000809//ESTs//1.2e-36:235:89//Hs.154580:N34101
 F-NT2RP2000812//Homo sapiens pendrin (PDS) mRNA, complete cds//0.22:351:58//Hs.159275:AF030880
 F-NT2RP2000814
 F-NT2RP2000816//Homo sapiens mRNA for KIAA0610 protein, partial cds//1.0:311:61//Hs.118087:AB011182
 5 F-NT2RP2000819
 F-NT2RP2000841//Human mRNA for KIAA0294 gene, complete cds//3.4e-28:390:70//Hs.20695:AB002292
 F-NT2RP2000842//Human lysophosphatidic acid receptor homolog mRNA, complete cds//9.5e-29:167:94//Hs.75794:U80811
 F-NT2RP2000845//ESTs//1.0e-83:403:98//Hs.156828:AI336850
 10 F-NT2RP2000863//ESTs, Highly similar to HYPOTHETICAL 36.7 KD PROTEIN C2F7.02C IN CHROMOSOME I [Schizosaccharomyces pombe]//6.4e-34:207:92//Hs.135235:AI081880
 F-NT2RP2000880//Homo sapiens mRNA for KIAA0741 protein, complete cds//7.7e-142:732:94//Hs.3615:AB018284
 F-NT2RP2000892//ESTs, Weakly similar to mitogen-activated kinase kinase kinase 5 [H.sapiens]//0.50:189:65//Hs.46146:AA418097
 15 F-NT2RP2000931//MATRIN3//1.1e-130:610:98//Hs.78825:AB018266
 F-NT2RP2000932//Homo sapiens BAC clone GS166A23 from 7p21//5.5e-66:326:97//Hs.15144:AC005014
 F-NT2RP2000938//ESTs//1.8e-28:296:75//Hs.22822:H06408
 F-NT2RP2000943//Homo sapiens mRNA for KIAA0755 protein, complete cds//1.9e-113:533:98//Hs.19822:AB018298
 20 F-NT2RP2000965//ESTs//5.3e-59:328:94//Hs.35575:R96494
 F-NT2RP2000970
 F-NT2RP2000985//ESTs, Weakly similar to HYPOTHETICAL 96.8 KD PROTEIN IN SIS2-MTD1 INTERGENIC REGION [Saccharomyces cerevisiae]//7.3e-76:385:96//Hs.21875:AA243700
 25 F-NT2RP2000987//ESTs//5.6e-11:177:72//Hs.15776:T91944
 F-NT2RP2001036//ESTs//2.0e-55:352:88//Hs.122131:AA789292
 F-NT2RP2001044//EST//0.069:267:60//Hs.102808:N67117
 F-NT2RP2001056//Homo sapiens mRNA, chromosome 1 specific transcript KIAA0488//1.0e-145:696:97//Hs.67619:AB007957
 30 F-NT2RP2001065
 F-NT2RP2001070//Human mRNA for KIAA0315 gene, partial cds//1.0:310:60//Hs.3989:AB002313
 F-NT2RP2001081
 F-NT2RP2001094//ESTs//0.0071:262:64//Hs.128115:AI356560
 F-NT2RP2001119//Small inducible cytokine A5 (RANTES)//2.2e-34:311:78//Hs.155464:AF088219
 35 F-NT2RP2001127//Human mRNA for KIAA0234 gene, complete cds//3.5e-33:519:63//Hs.80358:U52191
 F-NT2RP2001137//ESTs, Highly similar to RAB GDP DISSOCIATION INHIBITOR ALPHA [Bos taurus]//6.4e-34:201:91//Hs.118470:AI336362
 F-NT2RP2001149//EST//3.9e-27:244:78//Hs.162236:AA551582
 F-NT2RP2001168//ESTs//0.0023:216:62//Hs.134938:AI091361
 40 F-NT2RP2001173//Homo sapiens mRNA for KIAA0480 protein, complete cds//7.4e-114:567:96//Hs.26247:AB007949
 F-NT2RP2001174//H.sapiens ZNF81 gene//0.21:256:59//Hs.104020:X68011
 F-NT2RP2001196
 F-NT2RP2001218//ESTs//1.1e-65:337:96//Hs.115710:AA524598
 45 F-NT2RP2001226//Guanylate cyclase 1, soluble, alpha 2//0.030:395:59//Hs.2685:Z50053
 F-NT2RP2001233//Zinc finger protein 136 (clone pHZ-20)//4.4e-58:656:70//Hs.69740:U09367
 F-NT2RP2001245//EST//0.018:228:62//Hs.116798:AA633813
 F-NT2RP2001268//Homo sapiens mRNA for KIAA0810 protein, partial cds//8.1e-108:514:97//Hs.7531:AB018353
 F-NT2RP2001277//EST//0.42:127:66//Hs.42834:N20277
 50 F-NT2RP2001290//Homo sapiens alpha SNAP mRNA, complete cds//1.8e-62:527:76//Hs.75848:U39412
 F-NT2RP2001295//ESTs//3.4e-29:90:100//Hs.123321:AA810287
 F-NT2RP2001312//ESTs//1.0:121:61//Hs.160261:AI146387
 F-NT2RP2001327//Human B12 protein mRNA, complete cds//1.9e-30:359:71//Hs.76090:M80783
 F-NT2RP2001328//ESTs//5.2e-103:532:94//Hs.69476:AA628522
 55 F-NT2RP2001347//ESTs//4.3e-28:217:82//Hs.31775:H41883
 F-NT2RP2001366//ESTs, Weakly similar to ZK1058.5 [C.elegans]//1.8e-72:418:91//Hs.107039:W27244
 F-NT2RP2001378
 F-NT2RP2001381//ESTs//0.59:235:62//Hs.118569:AI377558

- F-NT2RP2001392//Homo sapiens chromosome 5, BAC clone 203o13 (LBNL H155), complete sequence//0.28:225:62//Hs.159402:AC005609
 F-NT2RP2001394//ESTs//8.3e-22:133:78//Hs.109655:AI189767
 F-NT2RP2001397//ESTs//0.090:265:60//Hs.152775:AA633088
 5 F-NT2RP2001420
 F-NT2RP2001423//ESTs, Weakly similar to hypothetical protein [H.sapiens]//0.030:443:59//Hs.140506:AA308018
 F-NT2RP2001427//EST//1.9e-19:174:79//Hs.132635:AI032875
 F-NT2RP2001436//EST//0.16:132:66//Hs.128265:AA972966
 F-NT2RP2001440//Tyrosine 3-monooxygenase/tryptophan 5-monooxygenase activation protein, eta polypeptide//
 10 9.8e-56:603:72//Hs.75544:Z82248
 F-NT2RP2001445//ESTs//2.2e-26:193:86//Hs.128610:AA504218
 F-NT2RP2001449
 F-NT2RP2001450
 F-NT2RP2001467
 15 F-NT2RP2001506
 F-NT2RP2001511//ESTs, Weakly similar to F48F7.1 [C.elegans]//3.2e-83:409:98//Hs.156161:AI333779
 F-NT2RP2001520//Homo sapiens mRNA for mitochondrial carrier protein ARALAR1//6.4e-138:657:97//Hs.4277:Y14494
 F-NT2RP2001526//EST//1.0:180:61//Hs.136311:AA437134
 20 F-NT2RP2001536//Homo sapiens X-ray repair cross-complementing protein 3 (XRCC3) mRNA, complete cds//
 5.2e-105:384:94//Hs.99742:AF035586
 F-NT2RP2001560
 F-NT2RP2001569//Homo sapiens mRNA, chromosome 1 specific transcript KIAA0488//1.4e-124:590:98//Hs.67619:AB007957
 25 F-NT2RP2001576//Erythrocyte membrane protein band 4.9 (dematin)//0.046:521:60//Hs.75936:U28389
 F-NT2RP2001581//EST//1.0:28:96//Hs.148002:AI264876
 F-NT2RP2001597//Casein kinase 2, alpha prime polypeptide//0.069:165:65//Hs.82201:M55268
 F-NT2RP2001601//Homo sapiens mRNA for KIAA0797 protein, partial cds//2.3e-138:647:98//Hs.27197:AB018340
 30 F-NT2RP2001613
 F-NT2RP2001628//ESTs//4.9e-45:238:96//Hs.135222:AI082229
 F-NT2RP2001634//Homo sapiens alpha-catenin related protein (ACRP) mRNA, complete cds//4.9e-124:604:96//
 Hs.58488:U97067
 F-NT2RP2001660//Homo sapiens putative 13 S Golgi transport complex 90kD subunit brain-specific isoform mR-
 35 NA, complete cds//1.3e-145:687:97//Hs.159558:AF058718
 F-NT2RP2001663//Enolase 1, (alpha)//4.2e-38:372:74//Hs.675:M14328
 F-NT2RP2001675//X-LINKED HELICASE II//0.040:454:58//Hs.96264:U72936
 F-NT2RP2001677//Homo sapiens mRNA for KIAA0771 protein, partial cds//0.028:285:63//Hs.6162:AB018314
 F-NT2RP2001678//Homo sapiens semaphorin F homolog mRNA, complete cds//1.7e-34:328:76//Hs.27621:
 40 U52840
 F-NT2RP2001699//EST//0.029:94:68//Hs.125936:AA889091
 F-NT2RP2001720//ESTs, Highly similar to Rap2 interacting protein 8 [M.musculus]//1.0:173:62//Hs.107361:
 AI197870
 F-NT2RP2001721
 45 F-NT2RP2001740//Homo sapiens Rigui (RIGUI) mRNA, complete cds//0.58:403:57//Hs.8114:AF022991
 F-NT2RP2001748//Farnesyl diphosphate synthase (farnesyl pyrophosphate synthetase, dimethylallyltranstrans-
 ferase, geranyltranstransferase)//1.2e-19:151:86//Hs.77393:D14697
 F-NT2RP2001762//Homo sapiens exonuclease 1a (EXO1a) mRNA, complete_cds//5.2e-34:191:96//Hs.47504:
 AF091754
 50 F-NT2RP2001813//EST//0.46:183:57//Hs.144096:AI032180
 F-NT2RP2001839//EST//2.5e-12:86:94//Hs.133226:AI052250
 F-NT2RP2001861//Homo sapiens mRNA for paraplegin//0.068:146:71//Hs.78497:Y16610
 F-NT2RP2001869//Homo sapiens ZNF202 alpha (ZNF202) mRNA, complete cds//0.0013:174:62//Hs.9443:
 AF027219
 55 F-NT2RP2001876//Allograft inflammatory factor 1//2.2e-08:162:67//Hs.76364:Y14768
 F-NT2RP2001883
 F-NT2RP2001898//75 KD INOSITOL-1,4,5-TRISPHOSPHATE 5-PHOSPHATASE PRECURSOR//3.0e-113:633:
 90//Hs.142189:M74161

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F-NT2RP2001900//EST//1.9e-14:132:84//Hs.130049:AA902650
 F-NT2RP2001907//ESTs, Weakly similar to ankyrin 3, long form [H.sapiens]//0.37:263:62//Hs.106377:H29757
 F-NT2RP2001926//ESTs//1.1e-87:430:97//Hs.133487:AI393754
 F-NT2RP2001936
 5 F-NT2RP2001943
 F-NT2RP2001946//ESTs//1.0:110:69//Hs.7941:AA894797
 F-NT2RP2001947
 F-NT2RP2001969//ESTs//3.3e-93:433:93//Hs.9622:W44489
 F-NT2RP2001976//Homo sapiens KIAA0432 mRNA, complete cds//0.20:238:63//Hs.155174:AB007892
 10 F-NT2RP2001985//Homo sapiens mRNA for KIAA0545 protein, partial cds//7.4e-05:235:62//Hs.129943:
 AB011117
 F-NT2RP2001991//EST//0.0027:163:68//Hs.162458:AA579196
 F-NT2RP2002025//Homo sapiens mRNA for KIAA0756 protein, partial cds//3.2e-62:314:97//Hs.116604:
 AB018299
 15 F-NT2RP2002032
 F-NT2RP2002033//EST//1.2e-16:224:74//Hs.150409:AI003543
 F-NT2RP2002041//EST//0.022:139:69//Hs.127219:AA939336
 F-NT2RP2002046//ESTs//1.1e-35:218:92//Hs.130678:R51509
 F-NT2RP2002047//ESTs//0.43:131:64//Hs.153939:AI284198
 20 F-NT2RP2002058//Homo sapiens mRNA for KIAA0741 protein, complete cds//0.96:137:71//Hs.3615:AB018284
 F-NT2RP2002066//Homo sapiens transmembrane receptor UNC5C (UNC5C) mRNA, complete cds//3.1e-36:509:
 66//Hs.44553:AF055634
 F-NT2RP2002070//ESTs//0.00027:107:72//Hs.4852:R84241
 F-NT2RP2002076//Homo sapiens clone 24804 mRNA sequence//3.4e-129:643:96//Hs.11039:AF052183
 25 F-NT2RP2002078//EST//1.0:83:65//Hs.115996:AA609014
 F-NT2RP2002079//ESTs//6.2e-06:326:60//Hs.134202:AI313156
 F-NT2RP2002099//Homo sapiens mRNA for E1B-55kDa-associated protein//3.2e-112:533:97//Hs.155218:
 AJ007509
 F-NT2RP2002105//Homo sapiens serine threonine kinase 11 (STK11) mRNA, complete cds//6.1e-07:408:60//Hs.
 30 122755:AF032986
 F-NT2RP2002124//ESTs//1.3e-90:459:96//Hs.142053:AA224286
 F-NT2RP2002137//ATPase, Ca++ transporting, plasma membrane 4//0.0032:319:59//Hs.995:M83363
 F-NT2RP2002154//Homo sapiens mRNA for C17orf1 protein//1.0:149:65//Hs.100217:AJ008112
 F-NT2RP2002172//EST//4.4e-14:276:67//Hs.148392:AI085314
 35 F-NT2RP2002185//ESTs, Weakly similar to ubiquitin S6(1) [D.melanogaster]//6.8e-61:354:91//Hs.109966:
 C06057
 F-NT2RP2002192//Human 75-kD autoantigen (PM-Sc1) mRNA, complete cds//3.7e-37:194:97//Hs.91728:
 M58460
 F-NT2RP2002193//Homo sapiens protein inhibitor of activated STAT protein PIASx-alpha mRNA, complete cds//
 40 6.8e-15:228:67//Hs.111323:AF077954
 F-NT2RP2002208
 F-NT2RP2002219//ESTs//0.0059:247:61//Hs.36495:AA151628
 F-NT2RP2002231//ESTs//0.29:167:63//Hs.112013:AI394318
 F-NT2RP2002235//H.sapiens mRNA for PHAPI2b protein//0.86:67:82//Hs.84264:U70439
 45 F-NT2RP2002252//Homo sapiens mRNA for KIAA0527 protein, partial cds//0.79:264:59//Hs.129748:AB011099
 F-NT2RP2002256//Homo sapiens retinoic acid hydroxylase mRNA, complete cds//2.1e-51:315:89//Hs.150595:
 AF005418
 F-NT2RP2002259//Human L-myc protein gene, complete cds//1.2e-26:343:71//Hs.92137:M19720
 F-NT2RP2002270//ESTs, Weakly similar to AF-9 PROTEIN [H.sapiens]//1.3e-31:206:88//Hs.4029:Z78373
 50 F-NT2RP2002292//ESTs//1.3e-07:153:67//Hs.13533:H23079
 F-NT2RP2002312//Homo sapiens CDP-diacylglycerol synthase 2 (CDS2) mRNA, partial cds//5.0e-95:467:96//Hs.
 24812:AF069532
 F-NT2RP2002316//ESTs//0.95:194:63//Hs.157214:AA805445
 F-NT2RP2002325//Homo sapiens peroxisomal biogenesis factor (PEX11a) mRNA, complete cds//1.3e-124:640:
 55 95//Hs.31034:AB015594
 F-NT2RP2002333//Protein-tyrosine kinase tyk2 (non-receptor)//1.0:257:60//Hs.75516:X54637
 F-NT2RP2002373
 F-NT2RP2002385//Homo sapiens synaptic glycoprotein SC2 spliced variant mRNA, complete cds//3.1e-139:673:

97//Hs.109051:AF038958
 F-NT2RP2002394//Human clone 23695 mRNA sequence//0.16:456:59//Hs.90798:U79289
 F-NT2RP2002408//HOMEBOX/POU DOMAIN PROTEIN RDC-1//0.00069:265:65//Hs.74095:L20433
 F-NT2RP2002426//EST//4.3e-33:271:79//Hs.145743:AI269098
 5 F-NT2RP2002439//ESTs//0.0041:129:68//Hs.146064:AA714326
 F-NT2RP2002442//ESTs, Weakly similar to similar to molybdoterin biosynthesis MOEB proteins [C.elegans]//5.6e-26:169:89//Hs.25198:AA904265
 F-NT2RP2002457//ESTs//0.00031:121:71//Hs.134860:AI091436
 F-NT2RP2002464//Human mRNA for KIAA0086 gene, complete cds//0.0013:207:63//Hs.1560:D42045
 10 F-NT2RP2002475//ESTs//1.0:85:75//Hs.155371:AI139929
 F-NT2RP2002479//Homo sapiens mRNA for ABC transporter 7 protein, complete cds//7.6e-125:607:96//Hs.125856:AB005289
 F-NT2RP2002498
 F-NT2RP2002503//Human zinc finger protein (FDZF2) mRNA, complete cds//2.2e-89:314:87//Hs.102681:U95044
 15 F-NT2RP2002504//Homo sapiens mRNA for KIAA0791 protein, complete cds//3.8e-159:761:97//Hs.23255:AB018334
 F-NT2RP2002520//RAB6, member RAS oncogene family//0.99:216:59//Hs.107563:M28212
 F-NT2RP2002537
 F-NT2RP2002546//EST//0.81:161:65//Hs.120562:AA741096
 20 F-NT2RP2002549//ESTs//0.76:228:61//Hs.146313:AA594979
 F-NT2RP2002591//Homo sapiens mRNA for KIAA0798 protein, complete cds//2.9e-33:285:78//Hs.159277:AB018341
 F-NT2RP2002595//Adenylate cyclase 8 (brain)//0.39:377:59//Hs.2522:Z35309
 F-NT2RP2002606//Human Line-1 repeat mRNA with 2 open reading frames//6.4e-24:144:95//Hs.23094:M19503
 25 F-NT2RP2002609//Human guanine nucleotide regulatory protein (tim1) mRNA, complete cds//1.0:120:68//Hs.334:U02082
 F-NT2RP2002618//H.sapiens mRNA for arginine methyltransferase, splice variant, 1262 bp//4.3e-28:460:63//Hs.20521:Y10805
 F-NT2RP2002621
 30 F-NT2RP2002643//Human p300/CBP-associated factor (P/CAF) mRNA, complete cds//0.0022:210:64//Hs.155302:U57317
 F-NT2RP2002672//ESTs//7.4e-30:226:84//Hs.94694:W52493
 F-NT2RP2002701//ESTs, Highly similar to HYPOTHETICAL 68.7 KD PROTEIN ZK757.1 IN CHROMOSOME III [Caenorhabditis elegans]//8.3e-56:278:97//Hs.109857:AA088385
 35 F-NT2RP2002706//CEREBELLIN 1 PRECURSOR//0.00042:367:61//Hs.662:M58583
 F-NT2RP2002710//Homo sapiens mRNA for KIAA0672 protein, complete cds//8.0e-42:631:65//Hs.6336:AB014572
 F-NT2RP2002727
 F-NT2RP2002736//ESTs//3.2e-67:336:97//Hs.86583:AA761217
 40 F-NT2RP2002740//EST//1.0e-70:352:97//Hs.145168:AI150297
 F-NT2RP2002741//Human mRNA for Neuroblastoma, complete cds//2.4e-30:628:62//Hs.87435:D89016
 F-NT2RP2002750//Human mRNA for KIAA0331 gene, complete cds//2.1e-29:285:75//Hs.146395:AB002329
 F-NT2RP2002752//EST//2.2e-06:126:74//Hs.159913:AA862709
 F-NT2RP2002753//ESTs//4.3e-14:137:81//Hs.133478:T79705
 45 F-NT2RP2002769//Human plectin (PLEC1) mRNA, complete cds//0.017:507:57//Hs.79706:U53204
 F-NT2RP2002778//EST//1.6e-57:319:93//Hs.147519:AI216407
 F-NT2RP2002800
 F-NT2RP2002839//ESTs//0.075:177:62//Hs.132445:AA921763
 F-NT2RP2002857//ESTs//0.99:88:69//Hs.132104:AI382142
 50 F-NT2RP2002862
 F-NT2RP2002880
 F-NT2RP2002891//Homo sapiens mRNA for KIAA0673 protein, partial cds//1.0:237:62//Hs.106487:AB014573
 F-NT2RP2002925//ESTs//1.6e-33:318:77//Hs.16808:W22606
 F-NT2RP2002928//Homo sapiens pre-mRNA splicing factor (PRP17) mRNA, complete cds//3.9e-136:623:99//Hs.116674:AF038392
 55 F-NT2RP2002929//Homo sapiens ataxin-7 (SCA7) mRNA, complete cds//0.24:158:65//Hs.108447:AJ000517
 F-NT2RP2002939
 F-NT2RP2002954

- F-NT2RP2002959//Human E2 ubiquitin conjugating enzyme Ubch5B (UBCH5B) mRNA, complete cds//6.4e-21:135:91//Hs.108332:U39317
 F-NT2RP2002979
 F-NT2RP2002980
 5 F-NT2RP2002986//Homo sapiens actin binding protein MAYVEN mRNA, complete cds//7.8e-11:272:61//Hs.122967:AF059569
 F-NT2RP2002987//ESTs//8.2e-20:99:82//Hs.138965:AI004740
 F-NT2RP2002993
 F-NT2RP2003000//Small inducible cytokine A5 (RANTES)//2.1e-46:353:81//Hs.155464:AF088219
 10 F-NT2RP2003034//ESTs//1.6e-08:263:66//Hs.164048:AA811741
 F-NT2RP2003073//Human clone 230971 defective mariner transposon Hsmar2 mRNA sequence//4.6e-43:381:78//Hs.159176:U92019
 F-NT2RP2003099//TRICHOHYALIN//0.98:183:62//Hs.82276:L09190
 F-NT2RP2003108//H.sapiens nek2 mRNA for protein kinase//0.025:185:67//Hs.153704:U11050
 15 F-NT2RP2003117//ESTs//7.6e-30:219:88//Hs.153408:AA416633
 F-NT2RP2003121//ESTs//1.9e-13:158:73//Hs.129998:AI291379
 F-NT2RP2003125//Serum response factor (c-fos serum response element-binding transcription factor)//4.5e-06:556:57//Hs.155321:J03161
 F-NT2RP2003129//ESTs//0.095:218:63//Hs.70836:AA121544
 20 F-NT2RP2003137
 F-NT2RP2003157//Homo sapiens mRNA for KIAA0620 protein, partial cds//0.40:227:61//Hs.105958:AB014520
 F-NT2RP2003158//Homo sapiens mRNA for proteasome subunit p58, complete cds//5.7e-113:581:93//Hs.9736:D67025
 F-NT2RP2003161//ESTs//0.0095:120:65//Hs.163532:AI424170
 25 F-NT2RP2003164//EST//0.11:179:63//Hs.163299:AA853944
 F-NT2RP2003165//Human mRNA for KIAA0355 gene, complete cds//1.0e-39:342:79//Hs.153014:AB002353
 F-NT2RP2003177//ESTs//3.6e-80:414:96//Hs.4767:N91123
 F-NT2RP2003194//ESTs//5.4e-20:119:95//Hs.149531:AI393223
 F-NT2RP2003206//EST//0.095:182:60//Hs.88461:AA278594
 30 F-NT2RP2003228//CDC21 HOMOLOG//9.3e-138:726:93//Hs.154443:X74794
 F-NT2RP2003230//ESTs//3.0e-10:239:62//Hs.163720:AA526947
 F-NT2RP2003237//Human 53K isoform of Type II phosphatidylinositol-4-phosphate 5-kinase (PIPK) mRNA, complete cds//1.3e-62:543:77//Hs.108966:U48696
 F-NT2RP2003243//Homo sapiens proline and glutamic acid rich nuclear protein isoform mRNA, partial cds//0.52:200:62//Hs.102732:U88153
 35 F-NT2RP2003265
 F-NT2RP2003272//ESTs, Weakly similar to ubiquitin S6(1) [D.melanogaster]//5.8e-57:313:93//Hs.109966:C06057
 F-NT2RP2003277//Homo sapiens mRNA for KIAA0625 protein, partial cds//4.9e-147:714:96//Hs.154919:AB014525
 40 F-NT2RP2003280
 F-NT2RP2003286//Homo sapiens mRNA for KIAA0587 protein, complete cds//0.0097:243:65//Hs.21862:AB011159
 F-NT2RP2003293//ESTs//5.5e-28:418:70//Hs.146227:AI269334
 45 F-NT2RP2003295//Homo sapiens RMP mRNA for RPB5 meidating protein, complete cds//2.0e-86:416:97//Hs.7943:AB006572
 F-NT2RP2003297//EST//0.99:240:60//Hs.133228:AI052312
 F-NT2RP2003307//ESTs//5.6e-15:137:81//Hs.90020:AA442752
 F-NT2RP2003308
 50 F-NT2RP2003329//ESTs, Highly similar to HYPOTHETICAL 54.9 KD PROTEIN C02F5.7 IN CHROMOSOME III [Caenorhabditis elegans]//1.8e-102:532:95//Hs.6092:T75227
 F-NT2RP2003339//ESTs//0.13:166:63//Hs.149649:AI346765
 F-NT2RP2003347//ESTs//0.96:185:59//Hs.125003:H85963
 F-NT2RP2003367//Human HsLIM15 mRNA for HsLim15, complete cds//0.99:243:60//Hs.37181:D64108
 55 F-NT2RP2003391
 F-NT2RP2003393
 F-NT2RP2003394//Homo sapiens Ran-GTP binding protein mRNA, partial cds//0.86:416:57//Hs.4976:AF039023
 F-NT2RP2003401

- F-NT2RP2003433//ESTs, Highly similar to PROTEIN TRANSPORT PROTEIN SEC61 ALPHA SUBUNIT [Canis familiaris]/3.7e-33:303:77//Hs.14038:R06800
 F-NT2RP2003445//EST//1.7e-06:154:65//Hs.142843:R36893
 F-NT2RP2003446//Prostaglandin receptor, ep1 subtype//0.81:273:61//Hs.159360:L22647
 5 F-NT2RP2003456//EST//0.17:95:65//Hs.147190:AI193320
 F-NT2RP2003466//Homo sapiens chromosome 11, BAC CIT-HSP-311e8 (BC269730) containing the hFEN1 gene//4.3e-53:339:78//Hs.132874:AC004770
 F-NT2RP2003480//Calpain, small polypeptide//1.1e-06:154:66//Hs.74451:X04106
 F-NT2RP2003499//Homo sapiens delta-catenin mRNA, complete cds//3.1e-10:481:60//Hs.80220:U96136
 10 F-NT2RP2003506
 F-NT2RP2003511//Spectrin, beta, non-erythrocytic 1//0.76:189:62//Hs.107164:M96803
 F-NT2RP2003513//Human mRNA for KIAA0270 gene, partial cds//8.3e-78:403:94//Hs.78482:Y16270
 F-NT2RP2003517//Platelet-derived growth factor beta polypeptide (simian sarcoma viral (v-sis) oncogene homolog)//1.3e-24:151:95//Hs.1976:M12783
 15 F-NT2RP2003522//Zinc finger protein 148 (pHZ-52)//1.1e-17:512:60//Hs.112180:AF039019
 F-NT2RP2003533//ESTs//1.8e-76:373:98//Hs.140402:AI138765
 F-NT2RP2003543//ESTs//9.3e-65:363:92//Hs.70643:AA030010
 F-NT2RP2003559//ESTs//0.00037:93:77//Hs.157564:AI356513
 F-NT2RP2003564//Sjogren syndrome antigen A1 (52kD, ribonucleoprotein autoantigen SS-A/Ro)//2.9e-28:664:63//Hs.1042:M62800
 20 F-NT2RP2003567//Homo sapiens mRNA for KIAA0462 protein, partial cds//1.3e-114:541:98//Hs.129937:AB007931
 F-NT2RP2003581//EST//1.0:59:76//Hs.158575:AI368947
 F-NT2RP2003596//ESTs, Weakly similar to No definition line found [C.elegans]/1.3e-63:224:95//Hs.34627:AA126463
 25 F-NT2RP2003604//Homo sapiens alpha-catenin related protein (ACRP) mRNA, complete cds//1.7e-124:585:98//Hs.58488:U97067
 F-NT2RP2003629//ESTs//2.0e-103:535:95//Hs.105633:AA479166
 F-NT2RP2003643//Kallmann syndrome 1 sequence//0.85:216:61//Hs.89591:M97252
 30 F-NT2RP2003668//Homo sapiens haemopoietic progenitor homeobox HPX42B (HPX42B) mRNA, complete cds//9.4e-47:371:80//Hs.125231:AF068006
 F-NT2RP2003687//EST//2.9e-14:134:80//Hs.132635:AI032875
 F-NT2RP2003691//ESTs//8.2e-47:296:83//Hs.138852:AA284247
 F-NT2RP2003702//DNA POLYMERASE EPSILON, CATALYTIC SUBUNIT A//0.85:190:61//Hs.18366:L09561
 35 F-NT2RP2003704//ESTs, Weakly similar to putative p150 [H.sapiens]/5.1e-44:269:91//Hs.139757:N95271
 F-NT2RP2003706//Homo sapiens mRNA for KIAA0525 protein, partial cds//8.3e-110:518:98//Hs.78494:AB011097
 F-NT2RP2003713
 F-NT2RP2003714//Homo sapiens hematopoietic cell derived zinc finger protein mRNA, complete cds//2.7e-56:252:83//Hs.86371:AF054180
 40 F-NT2RP2003727//EST//0.52:277:59//Hs.69507:AA111879
 F-NT2RP2003737//Human E2 ubiquitin conjugating enzyme UbCH5C (UBCH5C) mRNA, complete cds//4.0e-55:584:71//Hs.118797:U39318
 F-NT2RP2003751
 45 F-NT2RP2003760
 F-NT2RP2003764
 F-NT2RP2003769
 F-NT2RP2003770//RETINOBLASTOMA BINDING PROTEIN 3//0.58:247:59//Hs.96055:U47677
 F-NT2RP2003777
 50 F-NT2RP2003781//ESTs, Weakly similar to C47D12.3 [C.elegans]/3.7e-63:356:92//Hs.16131:AA568689
 F-NT2RP2003793//ESTs//4.8e-68:392:92//Hs.93949:AA782955
 F-NT2RP2003825//ESTs//7.6e-79:232:98//Hs.14347:AA287742
 F-NT2RP2003840//DNAJ PROTEIN HOMOLOG HSJ1//0.95:300:59//Hs.77768:X63368
 F-NT2RP2003857//EST//1.0:112:62//Hs.139216:AA244425
 55 F-NT2RP2003859
 F-NT2RP2003871//ESTs//2.5e-44:222:99//Hs.146295:AA935780
 F-NT2RP2003885
 F-NT2RP2003912//ESTs, Weakly similar to G2-SPECIFIC PROTEIN KINASE NIMA [Emericella nidulans]/2.2e-

- 113:632:92//Hs.50072:AI378221
 F-NT2RP2003952//ESTs, Moderately similar to 60S RIBOSOMAL PROTEIN L32 [H.sapiens]/1.0:146:67//Hs.156920:AA489296
 F-NT2RP2003968//Homo sapiens hUBP mRNA for ubiquitin specific protease, complete cds//6.8e-30:165:96//Hs.35086:AB014458
 5 F-NT2RP2003976//Homo sapiens mRNA for KIAA0447 protein, complete cds//7.9e-116:610:94//Hs.7302:AB007916
 F-NT2RP2003981//Homo sapiens mRNA for KIAA0804 protein, partial cds//3.2e-161:783:96//Hs.7316:AB018347
 F-NT2RP2003984
 10 F-NT2RP2003986//ESTs//1.3e-39:296:83//Hs.152482:AI050036
 F-NT2RP2003988//Thiopurine S-methyltransferase//7.1e-44:532:70//Hs.51124:AF019369
 F-NT2RP2004013//ESTs, Highly similar to TRANSCRIPTION FACTOR BTF3 [Homo sapiens]/7.0e-104:556:93//Hs.111081:AI380378
 F-NT2RP2004014
 15 F-NT2RP2004041//Homo sapiens chromosome 19, cosmid F17127//6.0e-11:120:80//Hs.10116:AC004780
 F-NT2RP2004042
 F-NT2RP2004066//Homo sapiens zinc finger protein (ZnF20) mRNA, complete cds//0.80:292:61//Hs.1147:AF011573
 F-NT2RP2004081//ESTs//5.7e-87:427:96//Hs.102296:AI217942
 20 F-NT2RP2004098//Homo sapiens leucine-rich repeat protein SHOC-2 (SHOC-2) mRNA, complete cds//0.15:199:60//Hs.104315:AF054828
 F-NT2RP2004124//Homo sapiens mRNA for ephrin-A2//0.98:233:59//Hs.158306:AJ007292
 F-NT2RP2004142
 F-NT2RP2004152//ESTs//5.7e-35:187:96//Hs.98977:AA625872
 25 F-NT2RP2004165//Homo sapiens serine kinase SRPK2 mRNA, complete cds//0.69:176:63//Hs.78353:U88666
 F-NT2RP2004170//ESTs//3.9e-05:380:61//Hs.143748:AI419966
 F-NT2RP2004172//ESTs//5.8e-18:104:99//Hs.157031:AI343501
 F-NT2RP2004187//ESTs, Moderately similar to zinc finger protein [H.sapiens]/1.7e-16:276:67//Hs.36779:AA626790
 30 F-NT2RP2004194//Human p300/CBP-associated factor (P/CAF) mRNA, complete cds//1.0:124:69//Hs.155302:U57317
 F-NT2RP2004196
 F-NT2RP2004207//ESTs//3.8e-11:92:88//Hs.22678:AA604756
 F-NT2RP2004226//ESTs, Weakly Similar to teg292 protein [M.musculus]/1.8e-80:386:98//Hs.68791:AA527270
 35 F-NT2RP2004232//Protein kinase C, mu//3.9e-36:448:67//Hs.2891:X75756
 F-NT2RP2004239//ESTs//0.12:196:61//Hs.127209:AA976680
 F-NT2RP2004240//EST//1.0:134:63//Hs.104466:AA282536
 F-NT2RP2004242//Homo sapiens Nck-2 (NCK2) mRNA, complete cds//0.27:313:59//Hs.129725:AF047487
 F-NT2RP2004245//ESTs, Weakly similar to No definition line found [C.elegans]/8.2e-51:474:74//Hs.108990:
 40 N25951
 F-NT2RP2004270//MUELLERIAN INHIBITING FACTOR PRECURSOR//1.6e-06:490:60//Hs.12432:AC005263
 F-NT2RP2004300//1-PHOSPHATIDYLINOSITOL-4,5-BISPHOSPHATE PHOSPHODIESTERASE BETA 3//0.35:157:67//Hs.37121:Z37544
 F-NT2RP2004316//Homo sapiens EXT-like protein 2 (EXTL2) mRNA, complete cds//1.5e-151:735:97//Hs.61152:AF000416
 45 F-NT2RP2004321//ESTs//2.6e-64:385:88//Hs.133128:W27735
 F-NT2RP2004339//ESTs//3.3e-46:338:83//Hs.145091:AA814510
 F-NT2RP2004347//ESTs//1.0:184:61//Hs.134469:AA731632
 F-NT2RP2004364//ESTs//2.9e-70:366:95//Hs.14928:AA256202
 50 F-NT2RP2004365
 F-NT2RP2004366//Homo sapiens mRNA for DFFRY protein, abundant transcript//0.60:295:57//Hs.39163:AF000986
 F-NT2RP2004373
 F-NT2RP2004389//ESTs, Highly similar to HYPOTHETICAL 70.7 KD PROTEIN F09G8.3 IN CHROMOSOME III [Caenorhabditis elegans]/3.3e-97:477:98//Hs.30490:AA146916
 55 F-NT2RP2004392//ESTs//2.6e-61:305:98//Hs.43100:AA186588
 F-NT2RP2004396//Homo sapiens BAC clone RG135C18 from 7q21//1.4e-174:875:95//Hs.152759:AC005164
 F-NT2RP2004399//ESTs, Weakly similar to K01H12.1 [C.elegans]/1.2e-92:519:91//Hs.13275:AI341468

- F-NT2RP2004400//EST//0.018:150:65//Hs.158739:AI375367
 F-NT2RP2004412
 F-NT2RP2004425//EST//0.049:145:64//Hs.160759:R36944
 F-NT2RP2004463//ESTs//1.5e-40:207:98//Hs.98057:C15687
 5 F-NT2RP2004476//Homo sapiens TWIK-related acid-sensitive K⁺ channel (TASK) mRNA, complete cds//0.45:208:61//Hs.24040:AF006823
 F-NT2RP2004490
 F-NT2RP2004512//ESTs//0.0012:330:61//Hs.70258:AI091203
 10 F-NT2RP2004523//Human high-affinity copper uptake protein (hCTR1) mRNA, complete cds//1.3e-29:270:79//Hs.73614:U83460
 F-NT2RP2004538//Homo sapiens mRNA for KIAA0591 protein, partial cds//4.6e-139:687:96//Hs.129908:AB011163
 F-NT2RP2004551//ESTs//0.0075:285:62//Hs.149442:AI346891
 F-NT2RP2004568//Homo sapiens antigen NY-CO-16 mRNA, complete cds//8.8e-06:291:61//Hs.132206:AF039694
 15 F-NT2RP2004580//Small inducible cytokine A5 (RANTES)//1.2e-45:334:82//Hs.155464:AF088219
 F-NT2RP2004587//Homo sapiens mRNA for KIAA0766 protein, complete cds//0.98:136:64//Hs.28020:AB018309
 F-NT2RP2004594//ESTs, Highly similar to MKR2 PROTEIN [Mus musculus]//1.0:104:68//Hs.125729:N99898
 F-NT2RP2004600//Homo sapiens mRNA for Hrs, complete cds//0.20:260:60//Hs.24756:U43895
 20 F-NT2RP2004602//ESTs, Weakly similar to !!!! ALU SUBFAMILY J WARNING ENTRY !!!! [H.sapiens]//3.0e-59:273:93//Hs.12845:N28835
 F-NT2RP2004614//EST//0.99:103:68//Hs.148738:AI224908
 F-NT2RP2004655//Homo sapiens mRNA for leucine rich protein//8.4e-104:496:98//Hs.5198:AJ006291
 F-NT2RP2004664//Homo sapiens mRNA for KIAA0460 protein, partial cds//5.2e-155:728:98//Hs.29956:AB007929
 25 F-NT2RP2004675//EST//0.65:151:62//Hs.130504:AI003839
 F-NT2RP2004681
 F-NT2RP2004689//Homo sapiens mRNA for KIAA0625 protein, partial cds//4.1e-61:327:94//Hs.154919:AB014525
 30 F-NT2RP2004709//ESTs//2.2e-05:98:77//Hs.161898:AA286942
 F-NT2RP2004710//ESTs//0.0035:76:82//Hs.108470:R93780
 F-NT2RP2004736//Homo sapiens mRNA for KIAA0478 protein, complete cds//2.1e-118:582:96//Hs.4236:AB007947
 F-NT2RP2004743//EST//0.11:170:64//Hs.112670:AA609242
 35 F-NT2RP2004767//EST//1.5e-09:303:65//Hs.148374:AA948183
 F-NT2RP2004768//ESTs, Highly similar to SERINE/THREONINE-PROTEIN KINASE PAK [Rattus norvegicus]//3.7e-110:548:96//Hs.85768:W16504
 F-NT2RP2004775//Homo sapiens transcriptional regulatory protein p54 mRNA, complete cds//0.025:547:57//Hs.107474:AF045451
 40 F-NT2RP2004791//Human endosome-associated protein (EEA1) mRNA, complete cds//0.99:121:64//Hs.2864:L40157
 F-NT2RP2004799//Homo sapiens ATP-specific succinyl-CoA synthetase beta subunit (SCS) mRNA, partial cds//4.9e-118:594:95//Hs.40820:AF058953
 F-NT2RP2004802//ESTs//5.6e-16:116:91//Hs.153841:N36043
 45 F-NT2RP2004816//Homo sapiens H beta 58 homolog mRNA, complete cds//6.8e-103:495:97//Hs.67052:AF054179
 F-NT2RP2004841//Human transposon-like element mRNA//3.0e-70:519:83//Hs.84775:M23161
 F-NT2RP2004861//ESTs//6.7e-89:427:98//Hs.132980:AI290258
 F-NT2RP2004897//ESTs//6.4e-81:431:94//Hs.130961:N79111
 50 F-NT2RP2004933//Homo sapiens mRNA for ZIP-kinase, complete cds//6.5e-84:418:95//Hs.25619:AB007144
 F-NT2RP2004936
 F-NT2RP2004959
 F-NT2RP2004961//Human mRNA for KIAA0065 gene, partial cds//7.2e-26:456:66//Hs.70617:D31763
 F-NT2RP2004962//EST//2.8e-15:242:69//Hs.146794:AI149478
 55 F-NT2RP2004967//ESTs//0.0022:218:63//Hs.131987:AI239735
 F-NT2RP2004978//Homo sapiens mRNA for KIAA0458 protein, complete cds//1.0:218:61//Hs.7414:AB007927
 F-NT2RP2004982//Human kinesin-like spindle protein HKSP (HKSP) mRNA, complete cds//0.13:260:60//Hs.41723:U37426

- F-NT2RP2004985//Human mRNA for KIAA0144 gene, complete cds//4.8e-22:431:65//Hs.8127:D63478
 F-NT2RP2004999
 F-NT2RP2005000//Homo sapiens hyperpolarization-activated channel 1 (IH1) mRNA, partial cds//0.99:269:58//
 Hs.124161:AF065164
 5 F-NT2RP2005001//Homo sapiens mRNA for KIAA0615 protein, complete cds//1.9e-160:782:97//Hs.155972:
 AB014515
 F-NT2RP2005003//H.sapiens Staf50 mRNA//9.9e-44:430:75//Hs.68054:X82200
 F-NT2RP2005012//Homo sapiens SEC63 (SEC63) mRNA, complete cds//4.5e-100:501:96//Hs.31575:AF100141
 F-NT2RP2005018//Arachidonate 5-lipoxygenase//1.0:232:58//Hs.89499:J03600
 10 F-NT2RP2005020//ESTs//1.2e-06:61:100//Hs.106160:AA527433
 F-NT2RP2005022//Eukaryotic translation initiation factor 3 (eIF-3) p36 subunit//0.095:271:60//Hs.139745:U39067
 F-NT2RP2005031//Homo sapiens mRNA for SCP-1, complete cds//0.99:338:61//Hs.112743:D67035
 F-NT2RP2005037//Homo sapiens mRNA for repressor protein, partial cds//0.098:217:60//Hs.58167:D30612
 F-NT2RP2005038//Homo sapiens protease-activated receptor 4 mRNA, complete cds//0.22:498:59//Hs.137574:
 15 AF055917
 F-NT2RP2005108//ESTs//0.74:145:63//Hs.116557:AA657838
 F-NT2RP2005116//Homo sapiens mRNA for KIAA0664 protein, partial cds//6.4e-105:495:98//Hs.22616:
 AB014564
 F-NT2RP2005126//H.sapiens mRNA for RNA helicase (Myc-regulated dead box protein)//9.2e-29:157:98//Hs.
 20 100555:X98743
 F-NT2RP2005139//ESTs//2.6e-91:479:95//Hs.125037:W42803
 F-NT2RP2005140//ESTs//0.81:308:59//Hs.27308:AA534947
 F-NT2RP2005144//Homo sapiens tubby like protein 3 (TULP3) mRNA, complete cds//8.3e-91:447:96//Hs.132226:
 AF045583
 25 F-NT2RP2005147
 F-NT2RP2005159//ESTs//1.5e-44:242:94//Hs.109819:AI357582
 F-NT2RP2005162//ESTs, Weakly similar to Y53C12A.3 [C.elegans]//0.97:80:73//Hs.107747:AI357868
 F-NT2RP2005168//Homo sapiens mRNA for E1B-55kDa-associated protein//4.4e-127:633:96//Hs.155218:
 AJ007509
 30 F-NT2RP2005204//H.sapiens 5T4 gene for 5T4 Oncofetal antigen//0.0034:187:66//Hs.82128:AJ012159
 F-NT2RP2005227//Homo sapiens PAC clone DJ0905J08 from 7p12-p14//1.3e-66:340:95//Hs.8173:AC005189
 F-NT2RP2005239//EST//1.3e-05:215:66//Hs.129528:AA994783
 F-NT2RP2005254//H.sapiens mRNA for PHAPI2b protein//1.0:101:71//Hs.84264:U70439
 F-NT2RP2005270//Homo sapiens creatine transporter mRNA, complete cds//0.56:114:68//Hs.154503:U36341
 35 F-NT2RP2005276//Homo sapiens acyl-CoA synthetase 4 (ACS4) mRNA, complete cds//1.2e-40:594:65//Hs.
 81452:AF030555
 F-NT2RP2005287//ESTs//8.2e-07:175:70//Hs.117134:AI383932
 F-NT2RP2005288//Homo sapiens RCC1-like G exchanging factor RLG mRNA, complete cds//2.3e-123:604:96//
 Hs.27007:AF060219
 40 F-NT2RP2005289//Homo sapiens mRNA for XPR2 protein//1.3e-141:670:98//Hs.44766:AJ007590
 F-NT2RP2005293//EST//1.9e-50:254:98//Hs.162017:AA505833
 F-NT2RP2005315//Homo sapiens mRNA for KIAA0676 protein, partial cds//3.6e-97:483:96//Hs.115763:
 AB014576
 F-NT2RP2005325//Human LIM-homeobox domain protein (hLH-2) mRNA, complete cds//2.6e-23:166:90//Hs.
 45 1569:U11701
 F-NT2RP2005336//Homo sapiens snRNA activating protein complex 190kD subunit (SNAP190) mRNA, complete
 cds//0.016:353:62//Hs.113265:AF032387
 F-NT2RP2005344//Homo sapiens mRNA for KIAA0566 protein, partial cds//2.8e-30:456:66//Hs.44697:AB011138
 F-NT2RP2005354//ESTs//0.71:192:60//Hs.39063:AA708958
 50 F-NT2RP2005358//Homo sapiens methyl-CpG binding protein MBD3 (MBD3) mRNA, complete cds//1.4e-100:
 489:96//Hs.107254:AC005943
 F-NT2RP2005360//ESTs//8.2e-35:190:95//Hs.163038:AA700122
 F-NT2RP2005393//Homo sapiens CTG26 alternate open reading frame mRNA, complete cds//0.87:244:59//Hs.
 113252:U80761
 55 F-NT2RP2005407
 F-NT2RP2005436//Homo sapiens mRNA for KIAA0561 protein, partial cds//0.28:338:57//Hs.6189:AB011133
 F-NT2RP2005441//ESTs//3.3e-45:238:96//Hs.5209:AA780068
 F-NT2RP2005453//ESTs//2.1e-20:115:99//Hs.133087:AI091164

- F-NT2RP2005457//ESTs, Highly similar to NADH-UBIQUINONE OXIDOREDUCTASE SUBUNIT B14.5B [Bos tau-
rus]/8.5e-48:295:90//Hs.75017:AA166853
- F-NT2RP2005464//ESTs//2.0e-99:495:96//Hs.3530:AA808243
- F-NT2RP2005465//V-crk avian sarcoma virus CT10 oncogene homolog//0.032:176:64//Hs.16:D10656
- 5 F-NT2RP2005472//ESTs//1.4e-34:180:98//Hs.158892:AD78412
- F-NT2RP2005476//Homo sapiens mRNA for KIAA0772 protein, complete cds//9.9e-48:432:77//Hs.15519:
AB018315
- F-NT2RP2005490//ESTs//4.5e-19:165:84//Hs.134382:AA083573
- F-NT2RP2005491
- 10 F-NT2RP2005495//ESTs//5.6e-96:452:99//Hs.145417:AI084164
- F-NT2RP2005496//Human mRNA for KIAA0326 gene, partial cds//4.4e-48:621:68//Hs.6833:AB002324
- F-NT2RP2005498//Human protein phosphatase 2A beta subunit mRNA, complete cds//1.6e-63:503:78//Hs.7688:
M64930
- F-NT2RP2005501//Homo sapiens Notch3 (NOTCH3) mRNA, complete cds//0.56:139:66//Hs.8546:U97669
- 15 F-NT2RP2005509//Glutamate-cysteine ligase (gamma-glutamylcysteine synthetase), regulatory (30.8kD)//1.0:
291:59//Hs.89709:L35546
- F-NT2RP2005520//Homo sapiens chromosome-associated protein-E (hCAP-E) mRNA, complete cds//1.2e-82:
444:92//Hs.119023:AF092563
- F-NT2RP2005525//Homo sapiens mRNA for KIAA0764 protein, complete cds//2.2e-19:112:99//Hs.6232:
20 AB018307
- F-NT2RP2005531//ESTs, Weakly similar to erythrocyte membrane protein 4.1 [H.sapiens]/3.5e-50:366:83//Hs.
61833:AA036735
- F-NT2RP2005539//Homo sapiens mRNA for NS1-binding protein (NS1-BP)//9.4e-155:747:97//Hs.159597:
AJ012449
- 25 F-NT2RP2005540//Homo sapiens mRNA for KIAA0494 protein, complete cds//1.9e-131:618:98//Hs.62515:
AB007963
- F-NT2RP2005549//ESTs, Weakly similar to HYPOTHETICAL 32.0 KD PROTEIN C16C10.10 IN CHROMOSOME
III [C.elegans]/2.5e-51:292:93//Hs.105684:H24407
- F-NT2RP2005555//EST//0.046:308:57//Hs.145962:AI276822
- 30 F-NT2RP2005557//ESTs//4.6e-48:382:79//Hs.125014:AI422839
- F-NT2RP2005581//ESTs//6.3e-28:166:93//Hs.87803:AA034436
- F-NT2RP2005600//ESTs//1.6e-40:228:93//Hs.160085:AI218627
- F-NT2RP2005605//ESTs//5.7e-13:115:86//Hs.37718:H60071
- F-NT2RP2005620//Homo sapiens epsin 2b mRNA, complete cds//3.1e-92:447:97//Hs.22396:AF062085
- 35 F-NT2RP2005622//ESTs//0.16:242:63//Hs.136395:AA523702
- F-NT2RP2005635
- F-NT2RP2005637//ESTs//0.055:96:69//Hs.105998:R90905
- F-NT2RP2005640//ESTs//4.5e-16:107:92//Hs.150823:AI292145
- F-NT2RP2005645//ESTs//2.7e-29:181:90//Hs.121653:AI375440
- 40 F-NT2RP2005651//Oxysterol binding protein//0.00011:122:69//Hs.1433065:M86917
- F-NT2RP2005654//Homo sapiens mRNA for KIAA0288 gene, complete cds//1.5e-08:351:62//Hs.91400:
AB006626
- F-NT2RP2005669//ESTs//0.016:185:64//Hs.97713:AA442239
- F-NT2RP2005675//Homo sapiens growth suppressor related (DOC-1R) mRNA, complete cds//7.7e-96:462:98//
45 Hs.25664:AF089814
- F-NT2RP2005683//ESTs//0.83:242:62//Hs.136395:AA523702
- F-NT2RP2005690//PYRROLINE-5-CARBOXYLATE REDUCTASE//2.5e-11:328:61//Hs.79217:M77836
- F-NT2RP2005694
- F-NT2RP2005701//Homo sapiens protein phosphatase 2A B56-epsilon (PP2A) mRNA, complete cds//0.15:496:
50 55//Hs.79326:L76703
- F-NT2RP2005712//Homo sapiens mRNA for KIAA0799 protein, partial cds//5.1e-126:599:97//Hs.61638:
AB018342
- F-NT2RP2005719//ESTs//0.58:326:60//Hs.157209:N57527
- F-NT2RP2005722//Zinc finger protein 136 (clone pHZ-20)//8.2e-46:415:77//Hs.69740:U09367
- 55 F-NT2RP2005723//ESTs//1.0e-15:141:81//Hs.163747:AA174017
- F-NT2RP2005726//EST//3.4e-15:96:95//Hs.156170:AI334191
- F-NT2RP2005732//ESTs//0.99:162:62//Hs.154914:AA721086
- F-NT2RP2005741//Homo sapiens chondroadherin gene, 5'flanking region and//0.80:362:58//Hs.97220:U96769

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F-NT2RP2005748//H.sapiens ZNF33B gene//0.47:99:65//Hs.72991:X68688
 F-NT2RP2005752//Homo sapiens TNFR-related death receptor-6 (DR6) mRNA, complete cds//2.5e-23:134:96//
 Hs.159651:AF068688
 F-NT2RP2005753//Homo sapiens I-1 receptor candidate protein mRNA, complete cds//4.0e-102:486:98//Hs.
 5 26285:AF082516
 F-NT2RP2005763//EUKARYOTIC INITIATION FACTOR 4A-LIKE NUK-34//2.3e-05:425:56//Hs.79768:D21853
 F-NT2RP2005767//Homolog 2 of Drosophila large discs//0.085:262:61//Hs.23205:X82895
 F-NT2RP2005773//PYRROLINE-5-CARBOXYLATE REDUCTASE//2.0e-16:153:82//Hs.79217:M77836
 F-NT2RP2005775//Human thimet oligopeptidase (THOP1) mRNA, complete cds//1.7e-42:645:64//Hs.78769:
 10 Z50115
 F-NT2RP2005781//ESTs//1.1e-19:132:90//Hs.13550:AI378556
 F-NT2RP2005784//Inhibitor of DNA binding 4, dominant negative helix-loop-helix protein//2.9e-06:201:67//Hs.
 34853:U28368
 F-NT2RP2005804//ESTs//1.2e-07:62:93//Hs.125509:AA883820
 15 F-NT2RP2005812
 F-NT2RP2005815//ESTs//1.9e-32:173:97//Hs.144587:AI193595
 F-NT2RP2005835
 F-NT2RP2005841//Homo sapiens retinal rod Na-Ca+K exchanger (NCKX1) mRNA, complete cds//0.94:148:65//
 Hs.59829:AB014602
 20 F-NT2RP2005853
 F-NT2RP2005857//Homo sapiens chromosome-associated protein-C (hCAP-C) mRNA, partial cds//5.4e-176:829:
 98//Hs.50758:AF092564
 F-NT2RP2005859//ESTs//2.1e-97:537:92//Hs.131915:W22567
 F-NT2RP2005868
 25 F-NT2RP2005886//Human putative M phase phosphoprotein 1 (MPP1) mRNA, partial cds//0.26:728:57//Hs.240:
 L16782
 F-NT2RP2005890//ESTs//2.0e-97:453:100//Hs.88671:AA279943
 F-NT2RP2005901//ESTs//0.99:188:64//Hs.28639:R78360
 F-NT2RP2005908//ESTs//2.5e-43:325:82//Hs.152340:AA521399
 30 F-NT2RP2005933//ESTs, Highly similar to nucleoporin p54 [R.norvegicus]//7.9e-90:326:98//Hs.156882:
 AA292186
 F-NT2RP2005942//H.sapiens PAP mRNA//5.1e-48:618:67//Hs.49007:X76770
 F-NT2RP2005980//ESTs//2.8e-22:358:68//Hs.125446:AA883339
 F-NT2RP2006023
 35 F-NT2RP2006038//ESTs//8.0e-37:351:74//Hs.128787:AA418382
 F-NT2RP2006043//Human novel homeobox mRNA for a DNA binding protein//0.51:271:59//Hs.37035:U07664
 F-NT2RP2006052//ESTs//4.0e-05:233:63//Hs.124864:AA663093
 F-NT2RP2006069//Human mRNA for KIAA0279 gene, partial cds//0.0082:770:58//Hs.57652:D87469
 F-NT2RP2006071//ESTs//2.1e-24:396:65//Hs.104404:AI337416
 40 F-NT2RP2006098//ESTs//0.97:125:67//Hs.97996:AA405970
 F-NT2RP2006100
 F-NT2RP2006103//ESTs//5.2e-11:102:83//Hs.125656:AA883135
 F-NT2RP2006106//ESTs//1.6e-78:456:90//Hs.133496:AA315349
 F-NT2RP2006141//ESTs//1.7e-20:262:72//Hs.128677:AA649240
 45 F-NT2RP2006166
 F-NT2RP2006184//H.sapiens p63 mRNA for transmembrane protein//1.0:94:73//Hs.74368:X69910
 F-NT2RP2006186//Homo sapiens mRNA for KIAA0654 protein, partial cds//2.5e-114:567:96//Hs.109299:
 AB014554
 F-NT2RP2006196//Homo sapiens mRNA for KIAA0772 protein, complete cds//2.0e-23:187:85//Hs.15519:
 50 AB018315
 F-NT2RP2006200//ESTs//1.0:224:62//Hs.144100:AI205503
 F-NT2RP2006219//H.sapiens mRNA for DGCR6 protein//4.4e-118:618:93//Hs.153910:X96484
 F-NT2RP2006237
 F-NT2RP2006238
 55 F-NT2RP2006258//ESTs//0.0034:143:69//Hs.145798:AI269970
 F-NT2RP2006261//H.sapiens mRNA for serine/threonine protein kinase EMK//0.019:111:71//Hs.157199:X97630
 F-NT2RP2006275//Homo sapiens mRNA for serin protease with IGF-binding motif, complete cds//2.4e-05:388:
 60//Hs.75111:D87258

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F-NT2RP2006312//Homo sapiens BAF57 (BAF57) gene, complete cds//2.1e-121:598:97//Hs.3404:AF035262
F-NT2RP2006320//ESTs, Moderately similar to maternal transcript Maid [M.musculus]//1.9e-29:151:100//Hs.36794:AI038407
F-NT2RP2006321//ESTs//7.0e-15:141:82//Hs.71241:H09371
5 F-NT2RP2006323//Homo sapiens mRNA for NBPhox, complete cds//4.7e-06:170:70//Hs.87202:D82344
F-NT2RP2006333//Homo sapiens TRRAP protein (TRRAP) mRNA, complete cds//0.11:43:100//Hs.6892:AF076974
F-NT2RP2006334//Homo sapiens mRNA for KIAA0602 protein, partial cds//3.1e-05:233:65//Hs.37656:AB011174
F-NT2RP2006365//ESTs//8.9e-46:268:93//Hs.58403:AA058501
10 F-NT2RP2006393//ESTs//1.2e-20:159:86//Hs.146018:AA280341
F-NT2RP2006436//Human homeodomain-containing protein (HANF) mRNA, complete cds//0.59:133:64//Hs.95838:AF059734
F-NT2RP2006441//ESTs//1.6e-82:400:98//Hs.143514:AI221934
F-NT2RP2006454//EST//5.2e-07:172:68//Hs.157742:AI360509
15 F-NT2RP2006456
F-NT2RP2006464//Homo sapiens mRNA for AND-1 protein//1.1e-149:545:98//Hs.72160:AJ006266
F-NT2RP2006467
F-NT2RP2006472
F-NT2RP2006534//ESTs//5.6e-05:192:66//Hs.135750:AA160048
20 F-NT2RP2006554//EST//0.60:116:65//Hs.160110:AA922134
F-NT2RP2006565//Homo sapiens secretory carrier-associated membrane protein (SCAMP) mRNA, complete cds//2.1e-115:669:90//Hs.31218:AF038966
F-NT2RP2006571//Cytochrome P450, subfamily IIA (phenobarbital-inducible), polypeptide 6//2.1e-24:476:64//Hs.73864:U22029
25 F-NT2RP2006573
F-NT2RP2006598//ESTs//1.3e-16:137:85//Hs.131350:AA805223
F-NT2RP3000002//ESTs//3.6e-32:215:86//Hs.155446:AA188180
F-NT2RP3000031//Homo sapiens mRNA for histone deacetylase-like protein (JM21)//1.9e-137:637:98//Hs.6764:AJ011972
30 F-NT2RP3000046//Homo sapiens TTF-I interacting peptide 20 mRNA, partial cds//9.1e-07:568:61//Hs.79531:AF000560
F-NT2RP3000047
F-NT2RP3000050//Human repressor transcriptional factor (ZNF85) mRNA, complete cds//1.2e-58:633:69//Hs.37138:U35376
35 F-NT2RP3000055//ESTs//1.2e-07:200:66//Hs.127362:AA954961
F-NT2RP3000068
F-NT2RP3000072//EST//0.99:199:63//Hs.8469:T40769
F-NT2RP3000080//Landsteiner-Wiener blood group glycoprotein//4.8e-41:353:78//Hs.108287:L27670
F-NT2RP3000085//Propionyl-coA carboxylase alpha chain//7.9e-30:665:60//Hs.80741:X14608
40 F-NT2RP3000092//EST//2.0e-15:94:97//Hs.145389:AI253140
F-NT2RP3000109//ESTs//6.8e-11:77:96//Hs.153931:AI243595
F-NT2RP3000134//Homo sapiens PAC clone DJ0905J08 from 7p12-p14//5.0e-94:438:100//Hs.8173:AC005189
F-NT2RP3000142//Homo sapiens mRNA for KIAA0592 protein, partial cds//2.9e-182:849:98//Hs.13273:AB011164
45 F-NT2RP3000149//Human Line-1 repeat mRNA with 2 open reading frames//4.1e-20:133:94//Hs.23094:M19503
F-NT2RP3000186//Homo sapiens mRNA, chromosome 1 specific transcript KIAA0492//6.6e-08:152:71//Hs.127338:AB007961
F-NT2RP3000197//ESTs//1.1e-58:301:96//Hs.87461:AA292779
F-NT2RP3000207
50 F-NT2RP3000220
F-NT2RP3000233//Homo sapiens actin binding protein MAYVEN mRNA, complete cds//6.6e-20:509:58//Hs.122967:AF059569
F-NT2RP3000235//ESTs//1.7e-06:220:62//Hs.42771:N26740
F-NT2RP3000247//Human mRNA for KIAA0218 gene, complete cds//6.7e-111:691:86//Hs.75863:D86972
55 F-NT2RP3000251//ESTs//6.7e-48:245:97//Hs.28249:AA203733
F-NT2RP3000252
F-NT2RP3000255
F-NT2RP3000267//ESTs//0.14:53:92//Hs.151586:W45568

F-NT2RP3000299//Homo sapiens enhancer of filamentation (HEF1) mRNA, complete cds//1.7e-13:214:67//Hs.80261:L43821
 F-NT2RP3000312//ESTs//2.6e-50:255:97//Hs.146263:AA255863
 F-NT2RP3000320//Homo sapiens proline and glutamic acid rich nuclear protein isoform mRNA, partial cds//
 5 0.0088:236:63//Hs.102732:U88153
 F-NT2RP3000324//ESTs//3.8e-10:102:83//Hs.55495:AI091242
 F-NT2RP3000333//ESTs, Weakly similar to mitogen-activated kinase kinase kinase 5 [H.sapiens]//0.57:189:65//
 Hs.46146:AA418097
 F-NT2RP3000341//Human mRNA for KIAA0392 gene, partial cds//1.1e-49:442:78//Hs.40100:AB002390
 10 F-NT2RP3000348
 F-NT2RP3000350//H.sapiens mRNA for GTP-binding protein//0.93:164:59//Hs.78582:X80754
 F-NT2RP3000359//GTP:AMP PHOSPHOTRANSFERASE MITOCHONDRIAL//1.8e-43:649:66//Hs.101642:
 X60673
 F-NT2RP3000361//ESTs//2.6e-112:531:98//Hs.17672:AA305921
 15 F-NT2RP3000366//ESTs, Highly similar to RAS-RELATED PROTEIN RAB-18A [Lymnaea stagnalis]//4.0e-116:
 596:95//Hs.21094:AI337016
 F-NT2RP3000393//ESTs//2.6e-18:137:89//Hs.115600:AA351639
 F-NT2RP3000397//ESTs//8.7e-44:355:73//Hs.121961:AA777873
 F-NT2RP3000403//Homo sapiens formin binding protein 21 mRNA, complete cds//1.6e-175:841:97//Hs.28307:
 20 AF071185
 F-NT2RP3000418//Human Line-1 repeat mRNA with 2 open reading frames//2.7e-33:610:65//Hs.23094:M19503
 F-NT2RP3000433//ESTs//1.5e-32:246:69//Hs.120892:AA724948
 F-NT2RP3000439//Adenosine A2b receptor//0.44:210:62//Hs.45743:X68487
 F-NT2RP3000441
 25 F-NT2RP3000449//ESTs//0.60:177:64//Hs.132605:AI051562
 F-NT2RP3000451//Receptor protein-tyrosine kinase EDDR1//0.95:315:58//Hs.75562:U48705
 F-NT2RP3000456//ESTs//7.5e-23:140:92//Hs.5209:AA780068
 F-NT2RP3000484//EST//2.5e-06:166:67//Hs.149950:AI289822
 F-NT2RP3000487//ESTs//1.2e-63:311:98//Hs.143304:AI084058
 30 F-NT2RP3000512//Homeo box B3//3.1e-18:109:97//Hs.49931:X16667
 F-NT2RP3000526//ESTs//3.7e-74:424:93//Hs.42991:N21379
 F-NT2RP3000527//Human mRNA for KIAA0211 gene, complete cds//8.0e-36:706:63//Hs.79347:D86966
 F-NT2RP3000531//ESTs//9.6e-75:392:95//Hs.144148:H08308
 F-NT2RP3000542//ESTs//3.2e-88:448:96//Hs.30622:AA486412
 35 F-NT2RP3000561//EST//0.88:92:64//Hs.148290:AA908404
 F-NT2RP3000562//ESTs//1.1e-112:522:99//Hs.125153:AA453723
 F-NT2RP3000578
 F-NT2RP3000582//ESTs//2.1e-82:413:97//Hs.118544:R17277
 F-NT2RP3000584
 40 F-NT2RP3000590//ESTs//1.0:134:64//Hs.12969:N56904
 F-NT2RP3000592//Paired basic amino acid cleaving system 4//3.4e-05:502:57//Hs.77234:AB001914
 F-NT2RP3000596//ESTs//6.8e-71:361:95//Hs.118741:AA179811
 F-NT2RP3000599//ESTs, Weakly similar to T19B10.6 [C.elegans]//9.3e-61:355:92//Hs.114622:AA693492
 F-NT2RP3000603//Human mRNA for KIAA0227 gene, partial cds//6.3e-10:553:59//Hs.79170:D86980
 45 F-NT2RP3000605//ESTs//5.8e-51:283:94//Hs.127152:AI421203
 F-NT2RP3000622//ESTs//1.7e-10:72:98//Hs.155360:AA984683
 F-NT2RP3000624//64 KD AUTOANTIGEN D1//0.99:194:61//Hs.79386:X54162
 F-NT2RP3000628//ESTs//0.96:221:61//Hs.131161:AI017333
 F-NT2RP3000632//ESTs//4.4e-53:244:77//Hs.143010:AA767904
 50 F-NT2RP3000644//Small inducible cytokine A5 (RANTES)//3.0e-49:343:84//Hs.155464:AF088219
 F-NT2RP3000661
 F-NT2RP3000665//Homo sapiens putative transcription factor CA150 mRNA, complete cds//0.62:305:59//Hs.
 13063:AF017789
 F-NT2RP3000685
 55 F-NT2RP3000690//EST//1.0:149:64//Hs.140263:AA709001
 F-NT2RP3000736//ESTs//5.3e-26:146:97//Hs.98613:D83884
 F-NT2RP3000739//ESTs//0.0046:66:87//Hs.6880:W26854
 F-NT2RP3000742//ESTs//5.5e-08:311:61//Hs.152224:AI369426

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- F-NT2RP3000753//ESTs//2.6e-63:318:97//Hs.153000:AA777765
 F-NT2RP3000759//Homo sapiens mRNA for follistatin-related protein (FRP), complete cds//1.6e-38:245:91//Hs.2427:D89937
 F-NT2RP3000815
 5 F-NT2RP3000825//EST//1.0:220:61//Hs.135944:N45132
 F-NT2RP3000826//Homo sapiens deltex (Dx) mRNA, complete cds//0.00040:263:65//Hs.124024:AF053700
 F-NT2RP3000836//ESTs, Highly similar to CLATHRIN COAT ASSEMBLY PROTEIN AP47 HOMOLOG 2 [H.sapiens]//1.1e-71:363:96//Hs.23803:AA126476
 F-NT2RP3000841//EST//0.36:224:60//Hs.162094:AA524012
 10 F-NT2RP3000845//H.sapiens mRNA for serine/threonine protein kinase EMK//6.5e-48:593:68//Hs.157199:X97630
 F-NT2RP3000847//ESTs//0.0028:56:92//Hs.116406:AA209520
 F-NT2RP3000850//Small inducible cytokine A5 (RANTES)//2.0e-49:323:86//Hs.155464:AF088219
 F-NT2RP3000852
 15 F-NT2RP3000859//ESTs//0.39:169:62//Hs.148948:AA699918
 F-NT2RP3000865//EST//0.15:236:62//Hs.123366:AA811476
 F-NT2RP3000868//Human ovarian cancer downregulated myosin heavy chain homolog (Doc1) mRNA, complete cds//6.4e-31:766:60//Hs.15432:U53445
 F-NT2RP3000869//Human plectin (PLEC1) mRNA, complete cds//1.1e-13:701:60//Hs.79706:U53204
 20 F-NT2RP3000875
 F-NT2RP3000901//ESTs//8.2e-26:191:87//Hs.18793:R99101
 F-NT2RP3000904//EST//2.4e-49:240:100//Hs.160842:AI348374
 F-NT2RP3000917
 F-NT2RP3000919//MAP KINASE PHOSPHATASE-1//0.19:340:60//Hs.109895:X68277
 25 F-NT2RP3000968//40S RIBOSOMAL PROTEIN S15A//7.7e-44:351:83//Hs.2953:X84407
 F-NT2RP3000980//ESTs//6.5e-10:102:81//Hs.86950:AI204212
 F-NT2RP3000994//ESTs//4.1e-120:571:98//Hs.127295:AA918411
 F-NT2RP3001004//ESTs//1.1e-76:438:88//Hs.144554:N92198
 F-NT2RP3001007
 30 F-NT2RP3001055//ESTs, Weakly similar to weak similarity to procollagen alpha chain 1(V) chain [C.elegans]//2.9e-121:588:98//Hs.128781:AA160707
 F-NT2RP3001057//ESTs, Highly similar to ZINC FINGER PROTEIN 45 [Homo sapiens]//9.8e-54:282:97//Hs.30303:AI244662
 F-NT2RP3001081//Homo sapiens RCC1-like G exchanging factor RLG mRNA, complete cds//2.7e-51:534:74//Hs.27007:AF060219
 35 F-NT2RP3001084//Homo sapiens mRNA for KIAA0782 protein, partial cds//3.7e-16:474:60//Hs.21264:AB018325
 F-NT2RP3001096//Homo sapiens mRNA for cartilage-associated protein (CASP)//4.4e-16:428:60//Hs.155481:AJ006470
 F-NT2RP3001107//Human mRNA for KIAA0215 gene, complete cds//2.8e-34:712:64//Hs.82292:D86969
 40 F-NT2RP3001109//ESTs//1.2e-67:323:99//Hs.134734:AI337050
 F-NT2RP3001111
 F-NT2RP3001113//EST//1.1e-33:173:99//Hs.112640:AA609088
 F-NT2RP3001115//EST//1.3e-22:122:100//Hs.162990:AA688023
 F-NT2RP3001116//ESTs//1.1e-15:93:98//Hs.58412:W74779
 45 F-NT2RP3001119//Homo sapiens BC-2 protein mRNA, complete cds//0.96:258:61//Hs.12107:AF042384
 F-NT2RP3001120//Zinc finger protein 136 (clone pHZ-20)//2.4e-77:687:75//Hs.69740:U09367
 F-NT2RP3001126//Homo sapiens mRNA for KIAA0775 protein, complete cds//0.00018:341:60//Hs.94790:AB018318
 F-NT2RP3001133//Homeo box A4//0.00011:484:59//Hs.77637:M74297
 50 F-NT2RP3001140//Homo sapiens mRNA for KIAA0762 protein, partial cds//1.1e-180:851:98//Hs.5378:AB018305
 F-NT2RP3001147
 F-NT2RP3001150//PUTATIVE TACHYKININ RECEPTOR//0.97:257:59//Hs.957:M84605
 F-NT2RP3001155//Homo sapiens mRNA for AND-1 protein//1.7e-191:891:98//Hs.72160:AJ006266
 F-NT2RP3001176
 55 F-NT2RP3001214//EST//0.88:218:60//Hs.161147:AI417859
 F-NT2RP3001216//ESTs//1.5e-66:340:96//Hs.105994:W19981
 F-NT2RP3001221//ESTs, Weakly similar to M05D6.7 [C.elegans]//1.7e-97:512:95//Hs.103816:AA130866
 F-NT2RP3001232//EST//0.0016:116:71//Hs.136498:AA594010

- F-NT2RP3001236//ESTs//3.7e-97:455:99//Hs.157488:AI362756
 F-NT2RP3001239//MICROTUBULE-ASSOCIATED PROTEIN 1B//1.7e-20:501:62//Hs.103042:L06237
 F-NT2RP3001245//ESTs//7.1e-80:434:93//Hs.22587:AA743132
 F-NT2RP3001253//Human prepromultimerin mRNA, complete cds//0.99:293:60//Hs.32934:U27109
 5 F-NT2RP3001260//Homo sapiens mRNA for KIAA0726 protein, complete cds//1.2e-48:761:64//Hs.107809:AB018269
 F-NT2RP3001268//Zinc finger protein 45 (a Kruppel-associated box (KRAB) domain polypeptide)//1.2e-42:454:72//Hs.41728:L75847
 F-NT2RP3001272//ESTs//5.0e-21:162:87//Hs.69149:AA102566
 10 F-NT2RP3001274
 F-NT2RP3001281//ESTs//2.1e-39:186:73//Hs.161662:AA836811
 F-NT2RP3001297//Human mRNA for KIAA0281 gene, complete cds//2.4e-48:544:69//Hs.31463:D87457
 F-NT2RP3001307//Human homeodomain protein (Prox 1) mRNA, complete cds//0.72:151:68//Hs.159437:U44060
 15 F-NT2RP3001318//Amylo-1,6-glucosidase, 4-alpha-glucanotransferase (glycogen debranching enzyme, glycogen storage disease type III)//0.012:522:56//Hs.904:U84010
 F-NT2RP3001325//ESTs//2.9e-80:396:97//Hs.99838:AA204731
 F-NT2RP3001338//Human mRNA for KIAA0211 gene, complete cds//1.6e-30:345:73//Hs.79347:D86966
 F-NT2RP3001339//Homo sapiens mRNA for KIAA0451 protein, complete cds//6.3e-67:559:80//Hs.18586:AB007920
 20 F-NT2RP3001340//Homo sapiens hyperpolarization-activated channel 1 (IH1) mRNA, partial cds//0.00019:473:61//Hs.124161:AF065164
 F-NT2RP3001355//ESTs, Weakly similar to ADP,ATP CARRIER PROTEIN, LIVER ISOFORM T2 [H.sapiens]//1.1e-81:421:96//Hs.32508:H29831
 25 F-NT2RP3001356//Homo sapiens Nck-2 (NCK2) mRNA, complete cds//0.15:313:60//Hs.129725:AF047487
 F-NT2RP3001374//ESTs//0.98:269:59//Hs.125303:AA873022
 F-NT2RP3001383//Homo sapiens mRNA for Sck, partial cds//0.73:173:65//Hs.30965:AB001451
 F-NT2RP3001384//Homo sapiens mRNA for HRIHFB2018, partial cds//2.1e-158:743:98//Hs.146214:AB015332
 F-NT2RP3001392//ESTs//0.013:246:63//Hs.95111:AA514595
 30 F-NT2RP3001396//ESTs//5.6e-16:141:85//Hs.97664:H10783
 F-NT2RP3001398//Zinc finger protein 45 (a Kruppel-associated box (KRAB) domain polypeptide)//1.0e-05:189:66//Hs.41728:L75847
 F-NT2RP3001399//Homo sapiens mitochondrial citrate transport protein (CTP) mRNA, 3' end//0.77:132:66//Hs.111024:L77567
 35 F-NT2RP3001407//EST//0.015:167:65//Hs.42217:H96658
 F-NT2RP3001420//ESTs//1.0:214:60//Hs.91226:AA649047
 F-NT2RP3001426
 F-NT2RP3001427
 F-NT2RP3001428//Neurotrophic tyrosine kinase, receptor, type 1//1.8e-73:431:91//Hs.85844:X66397
 40 F-NT2RP3001432//ESTs, Moderately similar to !!!! ALU SUBFAMILY SX WARNING ENTRY !!!! [H.sapiens]//6.9e-05:195:65//Hs.115868:AA568393
 F-NT2RP3001447
 F-NT2RP3001449//RYANODINE RECEPTOR, SKELETAL MUSCLE//0.00033:187:68//Hs.89631:U48508
 F-NT2RP3001453//ESTs//0.020:260:60//Hs.97882:AA203212
 45 F-NT2RP3001457//ESTs//9.4e-29:165:94//Hs.71749:AA988323
 F-NT2RP3001459
 F-NT2RP3001472//Homo sapiens Sox-like transcriptional factor mRNA, complete cds//4.2e-10:168:70//Hs.32317:AF072836
 F-NT2RP3001490//ESTs//3.1e-35:198:94//Hs.163665:AA250877
 50 F-NT2RP3001495//ESTs//2.5e-47:239:98//Hs.128045:AA970231
 F-NT2RP3001497//Homo sapiens multiple membrane spanning receptor TRC8 (TRC8) mRNA, complete cds//2.8e-172:804:98//Hs.28285:AF064801
 F-NT2RP3001527//Human lymphoid-specific SP100 homolog (LYSP100-B) mRNA, complete cds//9.4e-139:743:91//Hs.85283:U36500
 55 F-NT2RP3001529//ESTs, Moderately similar to topoisomerase IC-terminal fragment [H.sapiens]//0.28:224:65//Hs.105912:AI431328
 F-NT2RP3001538//ESTs//4.1e-05:139:71//Hs.148425:AI198074
 F-NT2RP3001554//Microtubule-associated protein 1A//9.8e-16:327:64//Hs.147918:U38291

- F-NT2RP3001580//Insulin-like growth factor binding protein 2//1.9e-06:426:59//Hs.162:X16302
 F-NT2RP3001587//Guanine nucleotide binding protein (G protein), alpha 11 (Gq class)//0.049:185:65//Hs.1686:M69013
 F-NT2RP3001589//Human mRNA for tryptophan hydroxylase (EC 1.14.16.4)//9.6e-51:345:82//Hs.144563:AF057280
 5 F-NT2RP3001607//ESTs//1.3e-07:299:63//Hs.43231:N22688
 F-NT2RP3001608//ESTs//5.7e-14:85:98//Hs.161133:AI091349
 F-NT2RP3001621//ESTs//1.6e-106:310:96//Hs.128505:AA306435
 F-NT2RP3001629
 10 F-NT2RP3001634//Homo sapiens TRIAD1 type I mRNA, complete cds//1.4e-62:276:97//Hs.9899:AF099149
 F-NT2RP3001642//ESTs//1.0:148:63//Hs.159495:T70173
 F-NT2RP3001646
 F-NT2RP3001671//Homo sapiens mRNA for NS1-binding protein (NS1-BP)//1.1e-172:816:98//Hs.159597:AJ012449
 15 F-NT2RP3001672//ESTs//5.0e-16:138:82//Hs.151864:T69027
 F-NT2RP3001676//ESTs, Highly similar to GTP-BINDING PROTEIN LEPA [*Pseudomonas fluorescens*]/9.0e-53:375:85//Hs.41127:AA555184
 F-NT2RP3001678//Human mRNA for KIAA0233 gene, complete cds//0.21:321:65//Hs.79077:D87071
 F-NT2RP3001679//ESTs, Highly similar to HYPOTHETICAL 68.7 KD PROTEIN ZK757.1 IN CHROMOSOME III [*Caenorhabditis elegans*]/4.0e-111:518:99//Hs.20364:AI420022
 20 F-NT2RP3001688//Homo sapiens mRNA expressed in thyroid gland//1.0:230:63//Hs.7486:D83198
 F-NT2RP3001690//EST//0.15:291:59//Hs.162336:AA564329
 F-NT2RP3001698//ESTs//0.24:134:69//Hs.129551:AA885219
 F-NT2RP3001708//ESTs, Weakly similar to TWISTED GASTRULATION PROTEIN PRECURSOR [*D.melanogaster*]/1.4e-31:191:94//Hs.131279:AA486291
 25 F-NT2RP3001712//Human SLP-76 associated protein mRNA, complete cds//0.41:259:59//Hs.58435:AF001862
 F-NT2RP3001716//ESTs, Highly similar to BONE MORPHOGENETIC PROTEIN 1 PRECURSOR [*Mus musculus*]/7.6e-159:747:98//Hs.6823:W18181
 F-NT2RP3001724//Homo sapiens chromodomain-helicase-DNA-binding protein mRNA, complete cds//4.4e-161:565:97//Hs.159273:AF054177
 30 F-NT2RP3001727//ESTs, Highly similar to HYPOTHETICAL 37.7 KD PROTEIN ZK686.3 IN CHROMOSOME III [*Caenorhabditis elegans*]/3.5e-116:554:98//Hs.144332:AA046836
 F-NT2RP3001730//Human mRNA for KIAA0128 gene, partial cds//1.3e-105:811:78//Hs.90998:D50918
 F-NT2RP3001739
 35 F-NT2RP3001752//ELK1, member of ETS oncogene family//7.2e-35:299:80//Hs.116549:AL009172
 F-NT2RP3001753//Human putative cerebral cortex transcriptional regulator T-Brain-1 (Tbr-1) mRNA, complete cds//0.10:528:56//Hs.22138:U49250
 F-NT2RP3001764//Human protein-tyrosine phosphatase mRNA, complete cds//2.4e-47:725:64//Hs.41688:U27193
 40 F-NT2RP3001777//Human eukaryotic translation initiation factor (eIF3) mRNA, complete cds//0.42:198:61//Hs.57783:U78525
 F-NT2RP3001782//Homo sapiens mRNA for KIAA0459 protein, partial cds//9.1e-153:710:98//Hs.28169:AB007928
 F-NT2RP3001792//Human M4 protein mRNA, complete cds//5.6e-27:358:69//Hs.79024:L03532
 45 F-NT2RP3001799//ESTs//0.0088:178:64//Hs.134938:AI091361
 F-NT2RP3001819//Collagen, type IX, alpha 3//0.026:530:58//Hs.53563:L41162
 F-NT2RP3001844//Homo sapiens mRNA for hair keratin acidic 3-II//0.90:379:58//Hs.32950:X82634
 F-NT2RP3001854//ESTs//1.5e-100:501:96//Hs.72217:AA166729
 F-NT2RP3001855//Human homeobox-containing protein mRNA, complete cds//7.8e-35:481:67//Hs.158225:U68727
 50 F-NT2RP3001857//ESTs//2.7e-85:414:98//Hs.151001:AA564706
 F-NT2RP3001896//ESTs, Weakly similar to F20D12.3 gene product [*C.elegans*]/2.9e-94:452:98//Hs.54952:AA872675
 F-NT2RP3001898//Homo sapiens mRNA for synaptogyrin 1a//0.65:245:61//Hs.6139:AL022326
 55 F-NT2RP3001915//ESTs//1.1e-83:397:99//Hs.157125:AA723896
 F-NT2RP3001926//EST//0.53:362:57//Hs.127917:AA969185
 F-NT2RP3001929//ESTs//7.4e-16:141:82//Hs.138852:AA284247
 F-NT2RP3001931

F-NT2RP3001938//Cyclin-dependent kinase inhibitor 1C (p57, Kip2)//0.0022:268:61//Hs.106070:U22398
 F-NT2RP3001943//Homo sapiens mRNA for KIAA0675 protein, complete cds//5.8e-167:815:96//Hs.15869:
 AB014575
 F-NT2RP3001944//ESTs//0.00052:60:91//Hs.131731:AI339335
 5 F-NT2RP3001969
 F-NT2RP3001989//EST//0.00016:263:63//Hs.144096:AI032180
 F-NT2RP3002002//Small inducible cytokine A5 (RANTES)//4.0e-61:293:83//Hs.155464:AF088219
 F-NT2RP3002004//H.sapiens mRNA for FAST kinase//5.2e-28:104:100//Hs.75087:X86779
 F-NT2RP3002007//ESTs//0.025:88:69//Hs.163310:AA856946
 10 F-NT2RP3002014//ESTs//4.8e-70:291:98//Hs.123693:AA283821
 F-NT2RP3002033//Homo sapiens mRNA for HYA22, complete cds//0.021:175:67//Hs.147189:D88153
 F-NT2RP3002045//ESTs, Highly similar to ALPHA-ADAPTIN [M.musculus]//3.8e-48:353:81//Hs.127507:
 AA993745
 F-NT2RP3002054//ESTs, Weakly similar to KIAA0319 [H.sapiens]//3.0e-25:212:83//Hs.71622:AA195155
 15 F-NT2RP3002056//ESTs, Highly similar to RETINOBLASTOMA BINDING PROTEIN 1 [Homo sapiens]//4.2e-82:
 407:97//Hs.131888:AI091806
 F-NT2RP3002057//Human Line-1 repeat mRNA with 2 open reading frames//3.7e-21:168:85//Hs.23094:M19503
 F-NT2RP3002062//EST//0.46:198:62//Hs.157711:AI359710
 F-NT2RP3002063//Membrane metallo-endopeptidase (neutral endopeptidase, enkephalinase, CALLA, CD10)//
 20 0.91:194:65//Hs.1298:J03779
 F-NT2RP3002081
 F-NT2RP3002097//Homo sapiens proline and glutamic acid rich nuclear protein isoform mRNA partial cds//0.073:
 297:61//Hs.102732:U88153
 F-NT2RP3002102//EST//2.8e-16:237:67//Hs.136255:T70256
 25 F-NT2RP3002108
 F-NT2RP3002142//ESTs//4.3e-138:654:98//Hs.5729:AA306018
 F-NT2RP3002146//H.sapiens mRNA for RanGTPase activating protein 1//0.27:276:62//Hs.5923:X82260
 F-NT2RP3002147//Human DNA sequence from clone 431H6 on chromosome 16. Contains a novel gene with
 some homology to mouse HN1 (Hematological and Neurological expressed sequence 1) downstream of a putative
 30 CpG island. Contains ESTs and GSSs//6.0e-51:204:99//Hs.107256:AL031009
 F-NT2RP3002151//G1 to S phase transition 1//2.6e-37:292:81//Hs.2707:X17644
 F-NT2RP3002163//Human DNA fragmentation factor-45 mRNA, complete cds//0.46:224:60//Hs.155344:U91985
 F-NT2RP3002165//ESTs, Highly similar to TRANSCRIPTIONAL REGULATOR PROTEIN HCNGP [Mus musculus]
 //3.0e-61:340:93//Hs.11379:AA594140
 35 F-NT2RP3002166//EST//0.039:114:69//Hs.140335:AA737046
 F-NT2RP3002173//ESTs, Weakly similar to HYPOTHETICAL 92.1 KD PROTEIN ZK1098.3 IN CHROMOSOME
 III [Caenorhabditis elegans]//4.0e-39:255:72//Hs.141429:AA631915
 F-NT2RP3002181//ESTs//3.6e-111:518:99//Hs.128505:AA30643
 F-NT2RP3002244//Myosin, heavy polypeptide 6, cardiac muscle, alpha (cardiomyopathy, hypertrophic1)//0.98:
 40 242:57//Hs.114001:Z20656
 F-NT2RP3002248
 F-NT2RP3002255//ESTs//8.4e-19:227:75//Hs.122817:AA772261
 F-NT2RP3002273//Homo sapiens homeobox protein A10 (HOXA10) gene, complete cds//0.42:189:62//Hs.
 110637:AC004080
 45 F-NT2RP3002276//ESTs//8.2e-97:463:98//Hs.45120:AA225139
 F-NT2RP3002303//ESTs//7.1e-10:96:87//Hs.135700:AA989386
 F-NT2RP3002304//Protein phosphatase 1, catalytic subunit, beta isoform//1.3e-05:496:60//Hs.21537:X80910
 F-NT2RP3002330//ESTs//1.3e-81:482:90//Hs.121460:AA744871
 F-NT2RP3002343//Homo sapiens potassium channel mRNA, complete cds//0.30:462:56//Hs.143624:AF033383
 50 F-NT2RP3002351//NAD-DEPENDENT METHYLENETETRAHYDROFOLATE DEHYDROGENASE//1.6e-65:
 588:75//Hs.154672:X16396
 F-NT2RP3002352//Homo sapiens mRNA for protein encoded by cxorf5 (71-7A) gene//4.2e-166:770:98//Hs.6483:
 Y16355
 F-NT2RP3002377//Homo sapiens mRNA for KIAA0788 protein, partial cds//7.5e-161:911:89//Hs.2397:Z70200
 55 F-NT2RP3002399
 F-NT2RP3002402//ESTs, Weakly similar to F02E9.6 [C.elegans]//4.3e-41:233:94//Hs.22880:AA056274
 F-NT2RP3002455//Homo sapiens mRNA for KIAA0678 protein, partial cds//3.9e-140:649:99//Hs.12707:
 AB014578

- F-NT2RP3002484//ESTs//0.95:166:63//Hs.149993:AI291310
 F-NT2RP3002501//ESTs//0.92:43:90//Hs.119314:AA432108
 F-NT2RP3002512//Homo sapiens mRNA for KIAA0466 protein, partial cds//1.0:173:61//Hs.81234:AB007935
 F-NT2RP3002529//Human vacuolar protein sorting homolog h-vps45 mRNA, complete cds//4.4e-146:763:93//Hs.
 5 57738:U35246
 F-NT2RP3002545//Homo sapiens mRNA for KIAA0729 protein, partial cds//5.9e-180:833:98//Hs.19542:
 AB018272
 F-NT2RP3002549//ESTs, Weakly similar to POLYPOSIS LOCUS PROTEIN 1 [H.sapiens]//1.3e-42:510:70//Hs.
 96759:AA469984
 10 F-NT2RP3002566//Carnitine acetyltransferase//0.032:226:62//Hs.12068:X78706
 F-NT2RP3002587//EST//4.8e-31:330:74//Hs.139415:AA426054
 F-NT2RP3002590//EST//1.3e-40:202:100//Hs.144716:AI187919
 F-NT2RP3002602//RYANODINE RECEPTOR, SKELETAL MUSCLE//1.3e-06:280:63//Hs.89631:U48508
 F-NT2RP3002603
 15 F-NT2RP3002628//Homo sapiens mRNA for MSJ-1, complete cds//1.5e-05:264:61//Hs.3845:AB014888
 F-NT2RP3002631//Homo sapiens ADAM 21 mRNA, partial cds//0.97:320:58//Hs.121287:AF029900
 F-NT2RP3002650//Homo sapiens mRNA for cartilage-associated protein (CASP)//2.6e-13:441:63//Hs.155481:
 AJ006470
 F-NT2RP3002659//Human TAR RNA loop binding protein (TRP-185) mRNA, complete cds//1.7e-05:615:58//Hs.
 20 151518:U38847
 F-NT2RP3002660//ESTs//2.9e-32:164:100//Hs.152982:AA584308
 F-NT2RP3002663//ESTs, Highly similar to OXYSTEROL-BINDING PROTEIN [Homo sapiens]//4.1e-38:493:70//
 Hs.41086:AI337400
 F-NT2RP3002671//ESTs//3.7e-05:288:59//Hs.161359:AI421991
 25 F-NT2RP3002682//ESTs, Weakly similar to F17C11.8 [C.elegans]//1.6e-61:294:100//Hs.128750:AI367584
 F-NT2RP3002687
 F-NT2RP3002688//EST//1.0:312:58//Hs.156800:AI352200
 F-NT2RP3002701//EST//0.00083:55:87//Hs.159750:AI393657
 F-NT2RP3002713//ESTs//0.93:229:61//Hs.150459:AI279514
 30 F-NT2RP3002763//ESTs//1.7e-97:419:96//Hs.121593:W86291
 F-NT2RP3002770//Homo sapiens G protein-coupled receptor kinase 6 (GRK6) gene, partial cds//0.91:161:62//
 Hs.129736:AF040753
 F-NT2RP3002785
 F-NT2RP3002799//EST//1.7e-17:199:73//Hs.118694:AA148713
 35 F-NT2RP3002810//ESTs, Weakly similar to KIAA0062 [H.sapiens]//1.4e-76:423:93//Hs.41068:AA844350
 F-NT2RP3002818//Homo sapiens jerky gene product homolog mRNA, complete cds//2.2e-55:615:70//Hs.105940:
 AF004715
 F-NT2RP3002861//ESTs//1.1e-88:468:94//Hs.159821:AA524070
 F-NT2RP3002869//ESTs//3.4e-23:132:97//Hs.148873:T33582
 40 F-NT2RP3002876//Homo sapiens mRNA for B120, complete cds//2.7e-90:557:88//Hs.123090:AB001895
 F-NT2RP3002877//ESTs//1.1e-19:160:84//Hs.118273:AA626040
 F-NT2RP3002909//Homo sapiens mRNA for KIAA0771 protein, partial cds//1.8e-181:853:98//Hs.6162:AB018314
 F-NT2RP3002911//ESTs//2.8e-07:160:70//Hs.140402:AI138765
 F-NT2RP3002948//ESTs, Highly similar to RING CANAL PROTEIN [Drosophila melanogaster]//1.4e-133:645:97//
 45 Hs.3826:U69560
 F-NT2RP3002953//Homo sapiens mRNA for KIAA0588 protein, complete cds//5.2e-13:594:57//Hs.74599:
 AB011160
 F-NT2RP3002955//Homo sapiens mRNA for KIAA0719 protein, complete cds//0.76:412:57//Hs.21198:AB018262
 F-NT2RP3002969//EST//3.7e-50:272:94//Hs.162331:AA563870
 50 F-NT2RP3002972//Homo sapiens PAC clone DJ130H16 from 22q12.1-qter//5.1e-35:361:75//Hs.8003:AC004997
 F-NT2RP3002978//ESTs//2.8e-46:253:95//Hs.151924:AI287703
 F-NT2RP3002985//Human TFIIIB related factor hBRF (HBRF) mRNA, complete cds//0.071:550:58//Hs.32935:
 U28838
 F-NT2RP3002988//EST//0.0016:180:63//Hs.147632:AI218308
 55 F-NT2RP3003008//Human DNA-binding protein (HRC1) mRNA, complete cds//0.59:201:63//Hs.72925:M91083
 F-NT2RP3003032//ESTs//9.1e-40:241:92//Hs.113363:C06446
 F-NT2RP3003059//ESTs//0.0015:399:58//Hs.136895:AA897749
 F-NT2RP3003061//Ankyrin 1, erythrocytic//4.5e-14:633:59//Hs.1242:X16609

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F-NT2RP3003068//EST//0.00014:80:83//Hs.121993:AA777928
 F-NT2RP3003071//ESTs//1.1e-62:315:98//Hs.16141:W56079
 F-NT2RP3003078
 F-NT2RP3003101
 5 F-NT2RP3003121//EST, Moderately similar to !!!! ALU SUBFAMILY.SC WARNING ENTRY !!!! [H.sapiens]//0.98:
 88:68//Hs.99715:AA292700
 F-NT2RP3003133//EST//8.0e-17:218:68//Hs.134815:AI090740
 F-NT2RP3003138//Homo sapiens vasopressin-activated calcium mobilizing putative receptor protein (VACM-1)
 mRNA, complete cds//0.013:438:57//Hs.101299:AF017061
 10 F-NT2RP3003139//ESTs//0.020:260:61//Hs.59142:W88975
 F-NT2RP3003145//Homo sapiens aortic carboxypeptidase-like protein ACLP mRNA, complete cds//2.2e-20:430:
 63//Hs.118397:AF053944
 F-NT2RP3003150
 F-NT2RP3003157//Human repressor transcriptional factor (ZNF85) mRNA, complete cds//2.0e-72:894:68//Hs.
 15 37138:U35376
 F-NT2RP3003185//Homo sapiens mRNA for KIAA0521 protein, partial cds//0.045:410:59//Hs.6150:AB011093
 F-NT2RP3003193//Zinc finger protein 10 (KOX 1)//2.4e-74:737:71//Hs.2479:X78933
 F-NT2RP3003197//ESTs//1.8e-24:130:100//Hs.162504:AA668211
 F-NT2RP3003203//ESTs//3.5e-30:232:82//Hs.6880:W26854
 20 F-NT2RP3003204//ESTs//3.1e-109:524:98//Hs.152982:AA584308
 F-NT2RP3003210//ESTs//3.6e-16:113:91//Hs.121030:AA625325
 F-NT2RP3003212//EST//1.0e-52:500:74//Hs.161635:W22525
 F-NT2RP3003230//Human mRNA for actin binding protein p57, complete cds//6.0e-55:587:70//Hs.109606:
 D44497
 25 F-NT2RP3003242//Homo sapiens stanniocalcin-2 (STC-2) mRNA, complete cds//1.2e-129:617:98//Hs.155223:
 AF055460
 F-NT2RP3003251//H.sapiens Staf50 mRNA//1.1e-68:651:76//Hs.68054:X82200
 F-NT2RP3003264//Human bullous 230 kDa pemphigoid antigen (BPAG1) mRNA, complete cds//0.069:382:59//
 Hs.620:M69225
 30 F-NT2RP3003278//Homo sapiens hook2 protein (HOOK2) mRNA, complete cds//0.98:261:59//Hs.30792:
 AF044924
 F-NT2RP3003282//Homo sapiens dynamin (DNM) mRNA, complete cds//4.2e-133:694:93//Hs.11702:L36983
 F-NT2RP3003290//Human mRNA for RTP, complete cds//6.3e-66:662:71//Hs.75789:D87953
 F-NT2RP3003301//EST//1.0:58:74//Hs.158575:AI368947
 35 F-NT2RP3003302//Human Line-1 repeat mRNA with 2 open reading frames//3.1e-91:681:80//Hs.23094:M19503
 F-NT2RP3003311//ESTs//0.95:308:59//Hs.27308:AA534947
 F-NT2RP3003313//ESTs//0.0016:345:61//Hs.143304:AI084058
 F-NT2RP3003327//H.sapiens Staf50 mRNA//8.0e-31:253:67//Hs.68054:X82200
 F-NT2RP3003330
 40 F-NT2RP3003344
 F-NT2RP3003346//H.sapiens mRNA for delta 4-3-oxosteroid 5 beta-reductase//1.2e-42:644:66//Hs.2638:Z28339
 F-NT2RP3003353//Breast cancer 1, early onset//0.30:145:67//Hs.66746:L78833
 F-NT2RP3003377//Human mRNA for cadherin-15, complete cds//0.019:416:60//Hs.148090:D83542
 F-NT2RP3003384//ESTs//1.1e-65:346:96//Hs.35012:R92791
 45 F-NT2RP3003385//ESTs, Highly similar to SKD3 [M.musculus]//7.0e-74:384:96//Hs.21263:H16363
 F-NT2RP3003403//ESTs//4.9e-12:335:63//Hs.87258:AA463850
 F-NT2RP3003409//Human DHHC-domain-containing cysteine-rich protein mRNA, complete cds//3.2e-22:430:
 63//Hs.113272:U90653
 F-NT2RP3003411//Human metallothionein-Ie gene (hMT-Ie)//0.99:116:62//Hs.74170:M10942
 50 F-NT2RP3003427//ESTs//0.24:447:61//Hs.160907:AI422830
 F-NT2RP3003433//Protein tyrosine phosphatase, non-receptor type 12//1.0:243:61//Hs.62:M93425
 F-NT2RP3003464//Homo sapiens rab3-GAP regulatory domain mRNA, complete cds//1.7e-182:853:98//Hs.
 14934:AF004828
 F-NT2RP3003490//Homo sapiens mRNA for KIAA0725 protein, partial cds//5.2e-175:826:98//Hs.26450:
 55 AB018268
 F-NT2RP3003491//Ryanodine receptor 2 (cardiac)//1.0:148:66//Hs.90821:X98330
 F-NT2RP3003500//ESTs//0.86:211:62//Hs.136037:AA013302
 F-NT2RP3003543//Homo sapiens clone 23790 unknown protein mRNA, complete cds//0.64:626:58//Hs.150828:

AF038169
 F-NT2RP3003552
 F-NT2RP3003555//ESTs//1.4e-12:81:98//Hs.144487:AI418322
 F-NT2RP3003564//EST//4.5e-08:186:69//Hs.116769:AA630365
 5 F-NT2RP3003572//EST//0.27:105:69//Hs.162134:AA526311
 F-NT2RP3003576//ESTs//1.2e-57:277:84//Hs.138852:AA284247
 F-NT2RP3003589//RAS-RELATED PROTEIN RAB-8//6.3e-38:373:73//Hs.123109:X56741
 F-NT2RP3003621//HEPATOCYTE GROWTH FACTOR ACTIVATOR PRECURSOR//8.0e-09:564:61//Hs.104:
 D14012
 10 F-NT2RP3003625
 F-NT2RP3003656
 F-NT2RP3003659
 F-NT2RP3003665//ESTs//0.015:221:62//Hs.153705:AA527586
 F-NT2RP3003672//ESTs//0.70:351:57//Hs.27633:N76184
 15 F-NT2RP3003680//Human Bcl2, p53 binding protein Bbp/53BP2 (BBP/53BP2) mRNA, complete cds//0.013:190:
 63//Hs.44585:U58334
 F-NT2RP3003686//Homo sapiens clone 24519 unknown mRNA, partial cds//0.69:246:62//Hs.118463:AF055000
 F-NT2RP3003701//EST//0.93:79:69//Hs.145285:AI249848
 F-NT2RP3003716//Homo sapiens KIAA0405 mRNA, complete cds//8.3e-24:478:61//Hs.48998:AB007865
 20 F-NT2RP3003726//Homo sapiens mRNA for KIAA0757 protein, complete cds//7.4e-150:700:98//Hs.48513:
 AB018300
 F-NT2RP3003746
 F-NT2RP3003795//ESTs//7.1e-20:228:74//Hs.159571:AA454230
 F-NT2RP3003799
 25 F-NT2RP3003800//Gardner-Rasheed feline sarcoma viral (v-fgr) oncogene homolog//4.7e-41:432:73//Hs.1422:
 M19722
 F-NT2RP3003805//Myosin, heavy polypeptide 6, cardiac muscle, alpha (cardiomyopathy, hypertrophic 1)//0.98:
 242:57//Hs.114001:Z20656
 F-NT2RP3003809//Human transcription factor, forkhead related activator 4 (FREAC-4) mRNA, complete cds//
 30 5.1e-07:624:59//Hs.96028:AF042832
 F-NT2RP3003819//Human ring zinc-finger protein (ZNF127-Xp) gene and 5' flanking sequence//0.84:171:63//Hs.
 102877:U41315
 F-NT2RP3003825
 F-NT2RP3003828//ESTs//2.1e-12:434:61//Hs.156864:AI346481
 35 F-NT2RP3003831
 F-NT2RP3003833//Homo sapiens clones 24718 and 24825 mRNA sequence//2.6e-48:242:98//Hs.25300:
 AF070611
 F-NT2RP3003842//Integrin, beta 8//1.0:345:60//Hs.832:M73780
 F-NT2RP3003846//Homo sapiens mRNA for KIAA0725 protein, partial cds//1.3e-37:335:68//Hs.26450:AB018268
 40 F-NT2RP3003870//Homo sapiens mRNA for KIAA0800 protein, complete cds//1.3e-175:805:99//Hs.118738:
 AB018343
 F-NT2RP3003876//ESTs, Highly similar to Rabin3 [R.norvegicus]//6.8e-39:243:90//Hs.124832:AA846576
 F-NT2RP3003914//ESTs, Weakly similar to UDP-GLUCOSE:GLYCOPROTEIN GLUCOSYLTRANSFERASE
 PRECURSOR [D.melanogaster]//1.1e-107:499:99//Hs.105794:AA701659
 45 F-NT2RP3003918//Homo sapiens VAMP-associated protein of 33 kDa (VAP-33) mRNA, complete cds//8.3e-49:
 404:77//Hs.9006:AF057358
 F-NT2RP3003932//ESTs//0.94:278:58//Hs.15661:W02396
 F-NT2RP3003989//ESTs//1.0:174:64//Hs.8095:AI359006
 F-NT2RP3003992//Cyclic nucleotide gated channel (photoreceptor), cGMP gated 2 (beta)//0.00070:433:58//Hs.
 50 93909:AF042498
 F-NT2RP3004013//ESTs, Moderately similar to M-phase phosphoprotein 4 [H.sapiens]//2.8e-127:617:97//Hs.
 142151:AA984061
 F-NT2RP3004016//Human p300/CBP-associated factor (P/CAF) mRNA, complete cds//0.0086:283:62//Hs.
 155302:U57317
 55 F-NT2RP3004041//EST//0.98:264:58//Hs.127552:AA953234
 F-NT2RP3004051//Human mRNA for KIAA0319 gene, complete cds//7.0e-63:774:67//Hs.26441:AB002317
 F-NT2RP3004070//EST//6.8e-22:163:85//Hs.132635:AI032875
 F-NT2RP3004078//Regulatory factor (trans-acting) 2 (influences HLA class II expression)//5.3e-90:520:90//Hs.

100007:X76091
 F-NT2RP3004093
 F-NT2RP3004095//Human clone 23732 mRNA, partial cds//3.3e-27:372:69//Hs.81281:U79258
 F-NT2RP3004110//Human mRNA for KIAA0392 gene, partial cds//1.2e-20:211:77//Hs.40100:AB002390
 5 F-NT2RP3004125//ESTs, Highly similar to OOCYTE ZINC FINGER PROTEIN XLCOF7.1 [Xenopus laevis]//1.0e-126:590:99//Hs.129888:AI096509
 F-NT2RP3004145
 F-NT2RP3004148
 F-NT2RP3004155//Homo sapiens timing protein CLK-1 mRNA, complete cds//2.1e-121:578:98//Hs.157113:
 10 AF032900
 F-NT2RP3004189//ESTs//1.3e-80:409:97//Hs.151001:AA564706
 F-NT2RP3004206//Human mRNA for stac, complete cds//1.0:245:60//Hs.56045:D86640
 F-NT2RP3004207//Transcription factor 3 (E2A immunoglobulin enhancer binding factors E12/E47)//0.095:281:62//Hs.101047:M31523
 15 F-NT2RP3004209//ESTs//5.8e-87:458:94//Hs.155303:AI221835
 F-NT2RP3004215//ESTs//0.074:56:80//Hs.163590:H43361
 F-NT2RP3004242
 F-NT2RP3004246//EST//0.20:219:63//Hs.161920:AA483240
 F-NT2RP3004253//ESTs//1.2e-36:204:96//Hs.143588:AI149140
 20 F-NT2RP3004258//Human gene for neurofilament subunit M (NF-M)//7.2e-07:369:59//Hs.71346:Y00067
 F-NT2RP3004262//Homo sapiens heat shock protein hsp40-3 mRNA, complete cds//1.0e-154:733:98//Hs.158471:AF088982
 F-NT2RP3004282//Homo sapiens torsinA (DYT1) mRNA, complete cds//4.2e-26:597:61//Hs.19261:AF007871
 F-NT2RP3004332
 25 F-NT2RP3004334//ESTs//8.8e-27:142:99//Hs.28068:H06285
 F-NT2RP3004341//EST//0.0068:213:64//Hs.153208:X98426
 F-NT2RP3004348//ESTs//1.2e-18:126:93//Hs.58595:AA830999
 F-NT2RP3004349//ESTs, Weakly similar to HYPOTHETICAL 92.1 KD PROTEIN ZK1098.3 IN CHROMOSOME III [Caenorhabditis elegans]//3.9e-45:337:83//Hs.141429:AA631915
 30 F-NT2RP3004378//ESTs, Weakly similar to weak similarity to procollagen alpha chain 1(V) chain [C.elegans]//4.3e-125:608:98//Hs.128781:AA160707
 F-NT2RP3004399//H.sapiens mRNA for leucine-rich primary response protein 1//2.3e-141:804:90//Hs.123122:X97249
 F-NT2RP3004424//ESTs, Weakly similar to JTV-1 [H.sapiens]//3.2e-122:609:96//Hs.20132:AA203113
 35 F-NT2RP3004428//Homo sapiens ALR mRNA, complete cds//0.00044:458:60//Hs.153638:AF010403
 F-NT2RP3004451//Bone morphogenetic protein 8 (osteogenic protein 2)//0.00023:357:59//Hs.99948:M97016
 F-NT2RP3004454//Homo sapiens mRNA for KIAA0448 protein, complete cds//2.0e-124:583:99//Hs.27349:AB007917
 F-NT2RP3004466//Homo sapiens mRNA for KIAA0664 protein, partial cds//0.48:399:58//Hs.22616:AB014564
 40 F-NT2RP3004470//EST//1.3e-56:331:91//Hs.136830:AA769219
 F-NT2RP3004472
 F-NT2RP3004475//Homo sapiens mRNA for KIAA0456 protein, partial cds//9.8e-152:715:98//Hs.5003:AB007925
 F-NT2RP3004480//ESTs, Highly similar to VACUOLAR SORTING PROTEIN 35 [Saccharomyces cerevisiae]//4.6e-118:547:99//Hs.124768:AA307735
 45 F-NT2RP3004490//Homo sapiens mRNA for Musashi, complete cds//2.3e-156:752:97//Hs.158311:AB012851
 F-NT2RP3004498//ESTs, Moderately similar to ROSA26AS [M.musculus]//3.5e-89:425:99//Hs.126082:AI077718
 F-NT2RP3004503//EST//5.3e-49:399:81//Hs.162335:AA564256
 F-NT2RP3004504//Homo sapiens mRNA for KIAA0479 protein, partial cds//1.0:370:59//Hs.158244:AB007948
 F-NT2RP3004507//Human zinc finger protein (MAZ) mRNA//0.86:129:66//Hs.7647:M94046
 50 F-NT2RP3004527//EST//0.053:260:62//Hs.123314:AA810110
 F-NT2RP3004534//ESTs//3.5e-78:370:99//Hs.132808:AI031571
 F-NT2RP3004539//Homo sapiens mRNA for KIAA0632 protein, partial cds//2.7e-146:679:98//Hs.75970:AB014532
 F-NT2RP3004544//Homo sapiens mRNA for KIAA0554 protein, partial cds//9.1e-171:793:98//Hs.74750:AB011126
 55 F-NT2RP3004566//ESTs, Highly similar to ZINC FINGER PROTEIN MLZ-4 [Mus musculus]//2.2e-66:362:94//Hs.125870:AI364967
 F-NT2RP3004569

- F-NT2RP3004572//Homo sapiens cofactor of initiator function (CIF50) mRNA, complete cds//3.3e-181:860:97//Hs.122752:AF026445
- F-NT2RP3004578//Homo sapiens mRNA for KIAA0454 protein, partial cds//4.0e-85:422:97//Hs.129928:AB007923
- 5 F-NT2RP3004594//Homo sapiens mRNA for AND-1 protein//3.7e-160:796:95//Hs.72160:AJ006266
- F-NT2RP3004617//ESTs, Weakly similar to estrogen-responsive finger protein, efp [H.sapiens]//6.4e-13:356:64//Hs.124138:AI266336
- F-NT2RP3004618//ESTs//1.5e-42:481:70//Hs.130768:AA909232
- F-NT2RP3004669//Human plectin (PLEC1) mRNA, complete cds//0.0099:538:56//Hs.79706:U53204
- 10 F-NT2RP3004670//Homo sapiens sox1 gene//0.11:311:58//Hs.144029:Y13436
- F-NT2RP4000008//ESTs, Highly similar to CHLORINE CHANNEL PROTEIN P64 [Bos taurus]//8.0e-177:827:98//Hs.118991:AA675919
- F-NT2RP4000023//ESTs//1.4e-33:182:96//Hs.122722:AA455668
- F-NT2RP4000035//ESTs//1.1e-23:283:72//Hs.142147:AA706495
- 15 F-NT2RP4000049//Homo sapiens decoy receptor 2 mRNA, complete cds//6.8e-83:556:85//Hs.129844:AF029761
- F-NT2RP4000051//Homo sapiens mRNA for cartilage-associated protein (CASP)//4.9e-13:441:62//Hs.155481:AJ006470
- F-NT2RP4000078//Homo sapiens mRNA for NS1-binding protein (NS1-BP)//8.0e-151:720:97//Hs.159597:AJ012449
- 20 F-NT2RP4000102//ESTs//8.8e-33:184:82//Hs.93054:H47743
- F-NT2RP4000109//Homo sapiens mRNA for MEGF5, partial cds//1.4e-167:774:99//Hs.57929:AB011538
- F-NT2RP4000111
- F-NT2RP4000129//Homo sapiens mRNA for KIAA0483 protein, partial cds//1.1e-115:548:98//Hs.64691:AB007952
- 25 F-NT2RP4000147//Human mRNA for KIAA0041 gene, partial cds//0.00045:212:63//Hs.75520:D26069
- F-NT2RP4000150
- F-NT2RP4000151//Homo sapiens chromosome 7q22 sequence//0.98:431:59//Hs.3386:AF053356
- F-NT2RP4000159
- F-NT2RP4000167
- 30 F-NT2RP4000185//ESTs//1.1e-51:240:68//Hs.33020:N31946
- F-NT2RP4000210//Homo sapiens mRNA for KIAA0700 protein, partial cds//1.6e-175:825:98//Hs.13999:AB014600
- F-NT2RP4000212//ESTs//1.6e-10:74:95//Hs.111885:AA422006
- F-NT2RP4000214//ESTs//3.9e-11:225:68//Hs.59793:AA451731
- 35 F-NT2RP4000218//Human G protein-coupled receptor (STRL22) mRNA, complete cds//6.2e-34:425:71//Hs.46468:U45984
- F-NT2RP4000243//Homo sapiens mRNA for cartilage-associated protein (CASP)//8.6e-158:771:97//Hs.155481:AJ006470
- F-NT2RP4000246//ESTs, Highly similar to NPC DERIVED PROLINE RICH PROTEIN 1 [M.musculus]//1.9e-62:384:89//Hs.115498:AA436298
- 40 F-NT2RP4000259//Homo sapiens clone 683 unknown mRNA, complete sequence//9.4e-130:604:99//Hs.43728:AF091092
- F-NT2RP4000263
- F-NT2RP4000290//EST//1.0:149:63//Hs.136928:AA812580
- 45 F-NT2RP4000312//Human mRNA for KIAA0147 gene, partial cds//1.5e-42:685:63//Hs.158132:D63481
- F-NT2RP4000321//Homo sapiens gene for insulin receptor substrate-2, complete cds//8.6e-05:547:57//Hs.143648:AB000732
- F-NT2RP4000323//Human HCF1 gene related mRNA sequence//0.48:589:58//Hs.83634:U52112
- F-NT2RP4000355
- 50 F-NT2RP4000360//Homo sapiens mRNA for KIAA0738 protein, complete cds//6.4e-142:654:99//Hs.107479:AB018281
- F-NT2RP4000367//Homo sapiens IkappaB kinase complex associated protein (IKAP) mRNA, complete cds//8.5e-137:649:97//Hs.31323:AF044195
- F-NT2RP4000370//ESTs, Weakly similar to MITOCHONDRIAL PEPTIDE CHAIN RELEASE FACTOR 1 PRECURSOR [S.cerevisiae]//1.2e-09:157:76//Hs.97950:AI382073
- 55 F-NT2RP4000376//1-PHOSPHATIDYLINOSITOL-4,5-BISPHOSPHATE PHOSPHODIESTERASE BETA 2//0.098:291:59//Hs.994:M95678
- F-NT2RP4000381//Myosin, heavy polypeptide 7, cardiac muscle, beta//0.00025:509:59//Hs.929:M57965

- F-NT2RP4000398//Zinc finger protein 140 (clone pHZ-39)//4.9e-60:469:68//Hs.154205:U09368
 F-NT2RP4000415//ESTs//0.85:89:67//Hs.152312:AA485688
 F-NT2RP4000417//Homo sapiens alpha 1,2-mannosidase IB mRNA, complete cds//0.014:178:66//Hs.125315:AF027156
- 5 F-NT2RP4000424//Human G protein-coupled receptor (STRL22) mRNA, complete cds//2.0e-34:431:73//Hs.46468:U45984
 F-NT2RP4000448//Human mRNA for KIAA0118 gene, partial cds//1.9e-37:360:75//Hs.154326:D42087
 F-NT2RP4000449//EST//0.84:113:65//Hs.145274:AI249468
 F-NT2RP4000455//ALPHA-2C-1 ADRENERGIC RECEPTOR//0.063:221:61//Hs.123022:J03853
- 10 F-NT2RP4000457//H.sapiens mRNA for herpesvirus associated ubiquitin-specific protease (HAUSP)//1.1e-05:532:57//Hs.78683:Z72499
 F-NT2RP4000480//Homo sapiens mRNA, complete cds//0.056:655:60//Hs.133151:AB001535
 F-NT2RP4000481//Human mRNA for KIAA0268 gene, partial cds//0.46:272:58//Hs.78862:D87742
 F-NT2RP4000498//Human DNA binding protein FKHL15 (FKHL15) mRNA, complete cds//0.94:133:69//Hs.159234:U89995
- 15 F-NT2RP4000500//V-myb avian myeloblastosis viral oncogene homolog-like 2//0.60:335:61//Hs.74605:X13293
 F-NT2RP4000515//ESTs//2.9e-45:253:95//Hs.104898:AA429594
 F-NT2RP4000517//EST//0.043:131:64//Hs.99030:AA443904
 F-NT2RP4440518//Homo sapiens mRNA for ATP-dependent RNA helicase, partial//2.0e-34:203:93//Hs.99423:
- 20 AJ010840
 F-NT2RP4000519//Human mRNA for KIAA0374 gene, complete cds//0.33:154:66//Hs.100837:AB002372
 F-NT2RP4000524
 F-NT2RP4000528
 F-NT2RP4000541//ESTs//2.1e-51:251:99//Hs.157240:AI348154
- 25 F-NT2RP4000556//ESTs, Highly similar to 60S RIBOSOMAL PROTEIN L11 [R.norvegicus]//1.1e-27:162:93//Hs.25597:H93026
 F-NT2RP4000560//ESTs//2.5e-09:181:66//Hs.122609:AA778351
 F-NT2RP4000588//ESTs//1.4e-46:533:70//Hs.8836:AA181053
 F-NT2RP4000614//Homo sapiens TLS-associated protein TASR-2 mRNA, complete cds//1.0e-139:666:98//Hs.4214:AF067730
- 30 F-NT2RP4000638//Fibroblast growth factor 2 (basic)//1.0:226:61//Hs.56066:J04513
 F-NT2RP4000648//ESTs//2.5e-11:116:80//Hs.115449:AA416396
 F-NT2RP4000657//Homo sapiens bone morphogenetic protein 11 (BMP11) mRNA, complete cds//0.00056:367:60//Hs.144626:AF100907
- 35 F-NT2RP4000704//Homo sapiens mRNA expressed in 19week fetal lung, clone IMAGE:300856//8.0e-167:676:98//Hs.50748:AB004848
 F-NT2RP4000713//Homo sapiens N-methyl-D-aspartate receptor 2D subunit precursor (NMDAR2D) mRNA, complete cds//6.9e-07:494:61//Hs.113286:U77783
 F-NT2RP4000724//ESTs, Weakly similar to pol/env ORF [H.sapiens]//2.8e-46:411:78//Hs.111817:T80622
- 40 F-NT2RP4000728//Homo sapiens mRNA for KIAA0606 protein, partial cds//9.9e-43:350:71//Hs.38176:AB011178
 F-NT2RP4000737//Human mRNA for KIAA0252 gene, partial cds//0.97:409:60//Hs.83419:D87440
 F-NT2RP4000739//DESMOPLAKIN I AND II//0.99:192:63//Hs.74316:AL031058
 F-NT2RP4000781//Homo sapiens mRNA for APC 2 protein, complete cds//0.023:351:60//Hs.20912:AB012162
 F-NT2RP4000787//Human mRNA for ESP1/CRP2, complete cds//0.0051:276:58//Hs.70327:D42123
- 45 F-NT2RP4000817//Homo sapiens mRNA for KIAA0470 protein, complete cds//4.8e-176:816:98//Hs.25132:AB007939
 F-NT2RP4000833//Homo sapiens PAC clone DJ0905J08 from 7p12-p14//1.3e-93:438:99//Hs.8173:AC005189
 F-NT2RP4000837//Homo sapiens SALL1 gene, partial//5.9e-05:470:59//Hs.123094:X98833
 F-NT2RP4000839//ESTs//5.7e-11:133:82//Hs.103852:W27603
- 50 F-NT2RP4000855//Homo sapiens DNA-binding protein (CROC-1B) mRNA, complete cds//1.4e-37:680:63//Hs.75875:U49278
 F-NT2RP4000865//Zinc finger protein 136 (clone pHZ-20)//2.0e-96:415:78//Hs.69740:U09367
 F-NT2RP4000878//ESTs//2.7e-16:390:63//Hs.163451:AI206803
 F-NT2RP4000879//ESTs//0.89:184:64//Hs.122333:AA782843
- 55 F-NT2RP4000907//Homo sapiens BAC clone RG118D07 from 7q31//4.5e-52:933:61//Hs.3781:AC004142
 F-NT2RP4000915//Homo sapiens mRNA for ZNF198 protein//3.0e-80:584:78//Hs.109526:AJ224901
 F-NT2RP4000918
 F-NT2RP4000925//Homo sapiens KIAA0405 mRNA, complete cds//1.9e-47:861:61//Hs.48998:AB007865

- F-NT2RP4000927//ESTs//0.37:159:63//Hs.147949:AI341503
 F-NT2RP4000928//Homo sapiens CDP-diacylglycerol synthase 2 (CDS2) mRNA, partial cds//1.1e-164:781:97//
 Hs.24812:AF069532
 F-NT2RP4000929//ESTs//0.88:284:60//Hs.141317:AI281371
 5 F-NT2RP4000955//Human mRNA for cadherin-15, complete cds//0.0019:495:58//Hs.148090:D83542
 F-NT2RP4000973//Homo sapiens mRNA for MSJ-1, complete cds//1.2e-05:318:60//Hs.3845:AB014888
 F-NT2RP4000975//ESTs//0.0051:345:61//Hs.143304:AI084058
 F-NT2RP4000979
 F-NT2RP4000984
 10 F-NT2RP4000989//Homo sapiens Tax interaction protein 1 mRNA, partial cds//0.85:257:63//Hs.12956:U90913
 F-NT2RP4000996//ESTs//4.3e-10:329:62//Hs.33085:AA258068
 F-NT2RP4000997//Human plectin (PLEC1) mRNA, complete cds//1.0:218:58//Hs.79706:U53204
 F-NT2RP4001004
 F-NT2RP4001006//ESTs, Moderately similar to ROSA26AS [M.musculus]//7.4e-90:425:99//Hs.126082:AI077718
 15 F-NT2RP4001010//Homo sapiens PSD-95/SAP90-associated protein-2 mRNA, partial cds//2.8e-19:689:61//Hs.
 113287:AF009204
 F-NT2RP4001029//Human transcription factor LSF mRNA, complete cds//9.6e-84:778:74//Hs.154970:U03494
 F-NT2RP4001041//Human endosome-associated protein (EEA1) mRNA, complete cds//0.95:170:64//Hs.2864:
 L40157
 20 F-NT2RP4001057//EST//9.6e-05:122:72//Hs.132518:AA928157
 F-NT2RP4001064//Homo sapiens mRNA for cartilage-associated protein (CASP)//7.2e-13:441:63//Hs.155481:
 AJ006470
 F-NT2RP4001078//ESTs//1.3e-29:165:95//Hs.113817:AA702497
 F-NT2RP4001079//Homo sapiens mRNA for putative Ca²⁺-transporting ATPase, partial//1.4e-131:634:98//Hs.
 25 106778:AJ010953
 F-NT2RP4001080//Polypyrimidine tract binding protein (hnRNP I) {alternative products}//0.025:166:66//Hs.
 146459:X66975
 F-NT2RP4001086//Homo sapiens mRNA for KIAA0592 protein, partial cds//1.5e-85:604:86//Hs.13273:AB011164
 F-NT2RP4001095
 30 F-NT2RP4001100//ESTs, Weakly similar to C17G10.1 [C.elegans]//1.4e-93:448:98//Hs.105837:AA536054
 F-NT2RP4001117//ESTs, Highly similar to PROTEIN TRANSPORT PROTEIN SEC61 ALPHA SUBUNIT [Canis
 familiaris]//2.2e-26:171:92//Hs.14038:R06800
 F-NT2RP4001122//Human mRNA for histone H1x, complete cds//0.99:185:66//Hs.109804:D64142
 F-NT2RP4001126//ESTs, Moderately similar to The KIAA0138 gene product is novel. [H.sapiens]//5.8e-37:185:
 35 100//Hs.126925:AA931237
 F-NT2RP4001138//ESTs//3.4e-09:125:77//Hs.1433 82:AA476266
 F-NT2RP4001143//ESTs//1.0:282:57//Hs.157423:AI358261
 F-NT2RP4001148//ESTs//0.82:206:62//Hs.129259:AA992207
 F-NT2RP4001149//EST//1.3e-17:140:88//Hs.101727:H16171
 40 F-NT2RP4001150//AXONIN-1 PRECURSOR//7.7e-07:562:59//Hs.2998:X67734
 F-NT2RP4001159//EST//0.26:125:66//Hs.152092:AA377324
 F-NT2RP4001174//ESTs//2.9e-103:502:98//Hs.125886:AA884264
 F-NT2RP4001206//EST//0.33:125:66//Hs.152092:AA377324
 F-NT2RP4001207
 45 F-NT2RP4001210//ESTs//3.1e-95:460:97//Hs.46913:AI017636
 F-NT2RP4001213//KRAB zinc finger protein {alternative products}//1.1e-45:187:74//Hs.22556:U37251
 F-NT2RP4001219//ESTs//1.4e-69:352:96//Hs.116392:AA936262
 F-NT2RP4001228//Homo sapiens actin binding protein MAYVEN mRNA, complete cds//7.2e-28:855:60//Hs.
 122967:AF059569
 50 F-NT2RP4001235//Homo sapiens Jagged 2 mRNA, complete cds//1.0:257:59//Hs.106387:AF029778
 F-NT2RP4001256//Human mRNA for KIAA0273 gene, complete cds//0.96:247:62//Hs.75899:D87463
 F-NT2RP4001260//Syntrophin, alpha (dystrophin-associated protein A1, 59kD, acidic component)//0.015:246:62//
 Hs.31121:U40571
 F-NT2RP4001274//Homo sapiens clone 24674 mRNA sequence//1.2e-06:259:64//Hs.71168:AF070578
 55 F-NT2RP4001276//Homo sapiens CAGF9 mRNA, partial cds//7.6e-06:266:62//Hs.110826:U80736
 F-NT2RP4001313//Homo sapiens mitochondrial outer membrane protein (TOM40) mRNA, nuclear gene encoding
 mitochondrial protein, complete cds//2.3e-31:535:65//Hs.30928:AF043250
 F-NT2RP4001315//EST//9.5e-20:146:88//Hs.158755:AI375917

F-NT2RP4001336//ESTs//1.0:128:67//Hs.99598:AA603110
 F-NT2RP4001339
 F-NT2RP4001343
 F-NT2RP4001345//Lecithin-cholesterol acyltransferase//8.0e-39:686:64//Hs.112125:M12625
 5 F-NT2RP4001351//Human ovarian cancer downregulated myosin heavy chain homolog (Doc1) mRNA, complete
 cds//2.0e-31:784:62//Hs.15432:U53445
 F-NT2RP4001353//Homo sapiens chromosome 7q22 sequence//0.0034:497:57//Hs.125742:AF053356
 F-NT2RP4001372
 F-NT2RP4001373//Homo sapiens clone Dt1P1b11 mRNA, CAG repeat region//0.43:290:58//Hs.82101:Z50194
 10 F-NT2RP4001375
 F-NT2RP4001379//TRICHOHYALIN//8.2e-05:591:58//Hs.82276:L09190
 F-NT2RP4001389//EST//5.3e-27:212:84//Hs.160402:AI393918
 F-NT2RP4001407//Homo sapiens mRNA for RGS5, complete cds//0.93:218:58//Hs.24950:AB008109
 F-NT2RP4001414//Human mRNA for KIAA0202 gene, partial cds//6.3e-78:818:71//Hs.80712:D86957
 15 F-NT2RP4001433//Zinc finger protein 10 (KOX 1)//1.1e-88:839:73//Hs.2479:X78933
 F-NT2RP4001442
 F-NT2RP4001447//Homo sapiens mRNA for KIAA0783 protein, complete cds//0.0075:218:63//Hs.41153:
 AB018326
 F-NT2RP4001474//ESTs, Weakly similar to probable CBP3 protein homolog [C.elegans]//2.1e-90:460:96//Hs.
 20 26676:AA033997
 F-NT2RP4001483//Oxoglutarate dehydrogenase (lipoamide)//8.1e-61:480:75//Hs.75533:D10523
 F-NT2RP4001498//ESTs, Weakly similar to GA BINDING PROTEIN BETA-2 CHAIN [H.sapiens]//0.25:216:60//Hs.
 63220:AA522707
 F-NT2RP4001502//ESTs//2.6e-41:206:99//Hs.159257:N40395
 25 F-NT2RP4001507//H.sapiens mRNA for RanGTPase activating protein 1//0.51:281:61//Hs.5923:X82260
 F-NT2RP4001524//ESTs, Weakly similar to F13B12.1 [C.elegans]//9.4e-30:173:94//Hs.5570:AI377863
 F-NT2RP4001529//Human transcription factor LSF mRNA, complete cds//1.3e-35:329:76//Hs.154970:U03494
 F-NT2RP4001547//Homo sapiens forkhead protein FREAC-2 mRNA, complete cds//0.0015:221:65//Hs.44481:
 U13220
 30 F-NT2RP4001551//Human BRCA2 region, mRNA sequence CG003//0.56:428:59//Hs.30649:U50534
 F-NT2RP4001555//EST//0.99:225:64//Hs.96863:AA347174
 F-NT2RP4001567
 F-NT2RP4001568//ESTs, Weakly similar to HYPOTHETICAL 32.6 KD PROTEIN IN MET30-CBR5 INTERGENIC
 REGION [Saccharomyces cerevisiae]//1.1e-54:252:83//Hs.158208:AA167836
 35 F-NT2RP4001571//ESTs//3.0e-94:475:96//Hs.65322:AA019410
 F-NT2RP4001574
 F-NT2RP4001575//Homo sapiens mRNA for ARE1-like protein//1.8e-169:796:98//Hs.108826:AL031228
 F-NT2RP4001592
 F-NT2RP4001610//Human involucrin mRNA//0.94:462:59//Hs.157091:M13903
 40 F-NT2RP4001614//ESTs//0.71:331:58//Hs.116533:AI343952
 F-NT2RP4001634
 F-NT2RP4001638//ESTs, Weakly similar to HYPOTHETICAL 117.9 KD PROTEIN IN FKH1-STH1 INTERGENIC
 REGION [S.cerevisiae]//8.6e-57:287:97//Hs.117439:C18436
 F-NT2RP4001644//Human mRNA for MNK1, complete cds//1.7e-53:415:80//Hs.5591:AB000409
 45 F-NT2RP4001656//ESTs, Highly similar to PHENYLALANYL-TRNA SYNTHETASE MITOCHONDRIAL PRECUR-
 SOR [Saccharomyces cerevisiae]//1.0:311:59//Hs.57969:AA203629
 F-NT2RP4001677//Homo sapiens short form transcription factor C-MAF (c-maf) mRNA, complete cds//0.19:162:
 67//Hs.30250:AF055376
 F-NT2RP4001679//Homo sapiens PYRIN (MEFV) mRNA, complete cds//2.2e-50:332:86//Hs.113283:AF018080
 50 F-NT2RP4001696
 F-NT2RP4001725//Galactokinase 1//1.0:202:63//Hs.92357:L76927
 F-NT2RP4001730//Human growth/differentiation factor 1 (GDF-1) mRNA, complete cds//0.0035:247:62//Hs.
 92614:M62302
 F-NT2RP4001739//Complement component 8, gamma polypeptide//0.74:654:56//Hs.1285:U08198
 55 F-NT2RP4001753//Zinc finger protein 84 (HPF2)//4.5e-29:476:67//Hs.9450:M27878
 F-NT2RP4001760//ESTs//1.0:411:60//Hs.108548:AA081656
 F-NT2RP4001790//Homo sapiens PAC clone DJ0604G05 from 7q22-q31.1//9.1e-34:400:68//Hs.154212:
 AC004522

F-NT2RP4001803//Human high conductance inward rectifier potassium channel alpha subunit mRNA, complete
 cds//0.028:580:58//Hs.2363:L36069
 F-NT2RP4001822//ESTs//3.4e-50:307:90//Hs.113509:AA132131
 F-NT2RP4001823//Human facio-genital dysplasia (FGD1) mRNA, complete cds//3.1e-07:509:59//Hs.1572:
 5 U11690
 F-NT2RP4001828
 F-NT2RP4001838//Human mRNA for KIAA0071 gene, partial cds//6.9e-55:555:73//Hs.78398:D31888
 F-NT2RP4001841//ESTs//0.99:215:60//Hs.136895:AA897749
 F-NT2RP4001849//Homo sapiens mRNA for KIAA0672 protein, complete cds//5.6e-57:813:65//Hs.6336:
 10 AB014572
 F-NT2RP4001861//ESTs, Weakly similar to !!!! ALU SUBFAMILY J WARNING ENTRY !!!! [H.sapiens]//4.8e-12:
 84:94//Hs.140232:AA705170
 F-NT2RP4001889
 F-NT2RP4001893//Homo sapiens BAC clone GS166A23 from 7p21//4.4e-108:535:97//Hs.15144:AC005014
 15 F-NT2RP4001896
 F-NT2RP4001901//ESTs//1.4e-50:291:93//Hs.67991:AA147848
 F-NT2RP4001927
 F-NT2RP4001938//ESTs, Weakly similar to ZINC FINGER PROTEIN 91 [H.sapiens]//2.8e-54:375:84//Hs.119294:
 AI379442
 20 F-NT2RP4001946//EST//0.050:268:60//Hs.148341:AA921894
 F-NT2RP4001950//EST//7.9e-14:336:63//Hs.112810:AA610063
 F-NT2RP4001953//ESTs//0.018:206:65//Hs.130105:AA904868
 F-NT2RP4001966//Human DNA sequence from clone 1052M9 on chromosome Xq25. Contains the SH2D1A gene
 for SH2 domain protein 1A, Duncan's disease (lymphoproliferative syndrome) (DSHP), part of a 60S Acidic Ribos-
 25 omal protein 1 (RPLP1) LIKE gene and part of a mouse DOC4 LIKE gene. Contains ESTs and GSSs//1.7e-54:
 788:65//Hs.23796:AL022718 F-NT2RP4001975//Homo sapiens homeobox protein Six3 (SIX3) gene, complete
 cds//0.0019:279:65//Hs.159439:AF092047
 F-NT2RP4002018//ESTs, Highly similar to RING CANAL PROTEIN [Drosophila melanogaster]//0.58:463:55//Hs.
 3826:U69560
 30 F-NT2RP4002047//EST//2.5e-13:102:90//Hs.148997:AI243139
 F-NT2RP4002052
 F-NT2RP4002058//ESTs//5.2e-41:347:72//Hs.121961:AA777873
 F-NT2RP4002071//Homo sapiens TTAGGG repeat binding factor 2 (hTRF2) mRNA, complete cds//0.97:227:60//
 Hs.100030:AF002999
 35 F-NT2RP4002075
 F-NT2RP4002078//ESTs, Moderately similar to zinc finger protein [H.sapiens]//1.0e-38:243:90//Hs.139115:
 AA325104
 F-NT2RP4002081//TATA box binding protein//0.0059:310:60//Hs.1100:M55654
 F-NT2RP4002083//H.sapiens Pur (pur-alpha) mRNA, complete cds//0.0015:152:70//Hs.25180:M96684
 40 F-NT2RP4002408//Human protein kinase C-L (PRKCL) mRNA, complete cds//8.0e-10:401:59//Hs.89616:M55284
 F-NT2RP4002791//Ataxin 1//1.0:215:61//Hs.74520:X79204
 F-NT2RP4002888
 F-NT2RP4002905//ESTs//3.4e-50:280:94//Hs.131697:H14960
 F-NT2RP5003459//Glyceraldehyde-3-phosphate dehydrogenase//1.3e-35:193:96//Hs.74456:U34995
 45 F-NT2RP5003461//ESTs//3.6e-104:513:98//Hs.88088:AA521071
 F-NT2RP5003477//Eukaryotic translation initiation factor 3 (eIF-3) p36 subunit//0.18:271:60//Hs.139745:U39067
 F-NT2RP5003492
 F-NT2RP5003500//Homo sapiens mRNA for heparan-sulfate 6-sulfotransferase, complete cds//6.1e-56:750:69//
 Hs.132884:AB006179
 50 F-NT2RP5003506//Homo sapiens Chromosome 16 BAC clone CIT987SK-A-69G12//5.1e-14:348:62//Hs.154050:
 AC004131
 F-NT2RP5003512//Homo sapiens mRNA for KIAA0642 protein, partial cds//0.94:202:63//Hs.8152:AB014542
 F-NT2RP5003522
 F-NT2RP5003524//ESTs//8.7e-08:340:62//Hs.152730:AI308943
 55 F-NT2RP5003534
 F-OVARC1000001//Homo sapiens mRNA for KIAA0465 protein, partial cds//4.0e-69:373:94//Hs.108258:
 AB007934
 F-OVARC1000004//ESTs//6.0e-38:216:93//Hs.163801:AI391729

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F-OVARC1000006//ESTs, Highly similar to HISTONE H2A [Cairina moschata]//4.4e-75:355:99//Hs.36727:AI051983
F-OVARC1000013//ESTs//0.65:331:58//Hs.146326:AA534304
F-OVARC1000014//Homo sapiens GLE1 (GLE1) mRNA, complete cds//1.8e-171:815:98//Hs.81449:AF058922
5 F-OVARC1000017//Homo sapiens mRNA for NTAK, complete cds//0.50:482:58//Hs.113264:AB005060
F-OVARC1000035//Homo sapiens GA17 protein mRNA, complete cds//2.2e-37:238:89//Hs.69469:AF064603
F-OVARC1000058//ESTs//1.1e-23:132:97//Hs.61809:AA503549
F-OVARC1000060//ESTs, Highly similar to ribonuclease 6 precursor [H.sapiens]//6.7e-60:305:97//Hs.31696:H50008
10 F-OVARC1000068//ESTs//3.8e-10:69:100//Hs.89048:AA282798
F-OVARC1000071//ESTs//1.9e-36:202:95//Hs.125013:AA400543
F-OVARC1000085
F-OVARC1000087//EST//1.0:199:58//Hs.122919:AA768442
F-OVARC1000091//Homo sapiens Jagged 2 mRNA, complete cds//0.00017:414:59//Hs.106387:AF029778
15 F-OVARC1000092//ESTs//4.6e-06:410:60//Hs.152250:AA203600
F-OVARC1000106//ESTs, Weakly similar to C25A1.1 [C.elegans]//2.9e-73:406:92//Hs.109463:AI205174
F-OVARC1000109
F-OVARC1000113//Homo sapiens okadaic acid-inducible phosphoprotein (OA48-18) mRNA, complete cds//5.3e-135:663:96//Hs.3688:AF069250
20 F-OVARC1000114//Homo sapiens mRNA for KIAA0562 protein, complete cds//3.4e-43:532:72//Hs.118401:AB011134
F-OVARC1000133//ESTs//9.4e-50:249:98//Hs.159146:AI384010
F-OVARC1000139
F-OVARC1000145//ESTs//1.6e-09:87:90//Hs.25219:AA291293
25 F-OVARC1000148//ESTs//4.4e-28:146:100//Hs.133223:AA677414
F-OVARC1000151
F-OVARC1000168//ESTs//2.3e-48:264:95//Hs.14539:H67305
F-OVARC1000191//Thrombopoietin (myeloproliferative leukemia virus oncogene ligand, megakaryocyte growth and development factor)//0.10:504:59//Hs.154083:U70136
30 F-OVARC1000198//ESTs//1.3e-103:505:97//Hs.149341:AI249131
F-OVARC1000209//EST//1.0:73:72//Hs.162600:AA594840
F-OVARC1000212//ESTs//1.7e-17:121:91//Hs.50473:W68834
F-OVARC1000240//ESTs, Highly similar to THREONYL-TRNA SYNTHETASE, CYTOPLASMIC [Homo sapiens]//2.7e-31:264:79//Hs.151895:AA196379
35 F-OVARC1000241//Homo sapiens clone 23698 mRNA sequence//3.4e-35:466:68//Hs.8136:U81984
F-OVARC1000288//ESTs, Weakly similar to Y53C12A.3 [C.elegans]//0.00084:170:65//Hs.107747:AI357868
F-OVARC1000302//EST//4.1e-05:249:60//Hs.136432:AA555306
F-OVARC1000304//ESTs//1.0:252:64//Hs.12126:AA203287
F-OVARC1000309//ESTs, Highly similar to BRAIN ENRICHED HYALURONAN BINDING PROTEIN PRECURSOR [Felis catus]//0.51:193:66//Hs.6194:AI378579
40 F-OVARC1000321
F-OVARC1000326//Homo sapiens T-type calcium channel alpha-1 subunit mRNA, complete cds//0.0018:507:60//Hs.122359:AF051946
F-OVARC1000335//ESTs//9.3e-39:202:98//Hs.132849:AA779444
45 F-OVARC1000347
F-OVARC1000384//Homo sapiens (clone PEBP2aA1) core-binding factor, runt domain, alpha subunit 1 (CBFA1) mRNA, 3' end of cds//3.4e-06:353:62//Hs.121895:AF001450
F-OVARC1000408//Human mRNA for KIAA0140 gene, complete cds//0.94:231:64//Hs.156016:D50930
F-OVARC1000411//EST//0.43:234:59//Hs.124673:AA858162
50 F-OVARC1000414//EST//5.2e-05:105:72//Hs.98827:AA435682
F-OVARC1000420//Human mRNA for KIAA0140 gene, complete cds//0.86:231:58//Hs.156016:D50930
F-OVARC1000427//ESTs, Moderately similar to ORF1 [H.sapiens]//1.7e-25:190:84//Hs.139513:AA259082
F-OVARC1000431//ESTs//0.041:356:57//Hs.139907:AA621615
F-OVARC1000437//Filamin 1 (actin-binding protein-280)//0.93:281:60//Hs.76279:X53416
55 F-OVARC1000440//Human PINCH protein mRNA, complete cds//8.8e-21:116:99//Hs.83987:U09284
F-OVARC1000442//ESTs//2.0e-19:207:78//Hs.134071:AI377423
F-OVARC1000443//Homo sapiens mRNA for KIAA0683 protein, complete cds//3.2e-140:566:99//Hs.12334:AB014583

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F-OVARC1000461//ESTs//1.0e-39:215:95//Hs.131532:AI024524
 F-OVARC1000465//Homo sapiens clone 24781 mRNA sequence//1.0:252:58//Hs.108112:AF070640
 F-OVARC1000466//ESTs//3.6e-14:189:71//Hs.164041:R51854
 F-OVARC1000473//ESTs//0.00012:77:85//Hs.29173:AA134926
 5 F-OVARC1000479
 F-OVARC1000486//ESTs//4.2e-07:409:60//Hs.99280:AA453036
 F-OVARC1000496//ESTs//6.0e-14:240:69//Hs.131900:AI023327
 F-OVARC1000520//Homo sapiens supervillin mRNA, complete cds//6.9e-115:539:99//Hs.111285:AF051850
 F-OVARC1000526//ESTs//2.9e-08:368:611//Hs.42771:N26740
 10 F-OVARC1000533//EST//3.4e-14:137:82//Hs.123405:AA813492
 F-OVARC1000543//ESTs//0.13:278:61//Hs.54894:N98475
 F-OVARC1000556//ESTs//1.4e-31:217:90//Hs.106385:W26667
 F-OVARC1000557//ESTs//3.8e-20:208:76//Hs.138919:AA827410
 F-OVARC1000564//Human dsRNA adenosine deaminase DRADA2b (DRADA2b) mRNA, complete cds//0.87:135:
 15 66//Hs.85302:U76421
 F-OVARC1000573//ESTs//2.1e-22:268:76//Hs.121852:AA776358
 F-OVARC1000576//ESTs//9.4e-22:124:98//Hs.24220:W22200
 F-OVARC1000578//EST//4.7e-31:335:74//Hs.162881:AA652729
 F-OVARC1000588//Human BMK1 alpha kinase mRNA, complete cds//0.67:263:63//Hs.3080:U29725
 20 F-OVARC1000605//EST//1.0:148:62//Hs.163346:AA883722
 F-OVARC1000622//EST//4.3e-50:313:88//Hs.149580:AI281881
 F-OVARC1000640//ESTs//2.6e-55:441:80//Hs.105319:AA470097
 F-OVARC1000649//Human squamous cell carcinoma of esophagus mRNA for GRB-7 SH2 domain protein, com-
 plete cds//1.6e-78:424:93//Hs.86859:D43772
 25 F-OVARC1000661//Homo sapiens mRNA for KIAA0590 protein, complete cds//1.6e-100:536:94//Hs.111862:
 AB011162
 F-OVARC1000678//EST//1.3e-08:131:77//Hs.145970:AI277106
 F-OVARC1000679//ESTs//0.66:223:61//Hs.134782:H74279
 F-OVARC1000681//EST//0.017:315:61//Hs.147799:AI221639
 30 F-OVARC1000682//Homo sapiens alpha 1,2-mannosidase IB mRNA, complete cds//4.8e-153:549:99//Hs.
 125315:AF027156
 F-OVARC1000689//Homo sapiens clone 24640 mRNA sequence//0.030:479:57//Hs.4764:AB018306
 F-OVARC 1000700
 F-OVARC1000703//ESTs//0.41:100:68//Hs.160699:AI284320
 35 F-OVARC1000722//Homo sapiens chromosome 1q21-1q23 beta-1,4-galactosyltransferase mRNA, complete cds//
 1.2e-110:451:91//Hs.13476:AF038661
 F-OVARC1000730//ESTs, Weakly similar to C27F2.7 gene product [C.elegans]//2.9e-53:318:91//Hs.7049:
 AI141736
 F-OVARC1000746//ESTs//3.2e-123:570:99//Hs.127295:AA918411
 40 F-OVARC1000769//ESTs//0.072:177:67//Hs.142573:AA601196
 F-OVARC1000771//ESTs, Moderately similar to RAS-RELATED PROTEIN RAB-2 [H.sapiens]//1.2e-38:194:99//
 Hs.157059:W28130
 F-OVARC1000781//ESTs//4.0e-14:113:89//Hs.41972:AA626793
 F-OVARC1000787//EST//0.92:91:64//Hs.163258:AA828835
 45 F-OVARC1000800//ESTs//1.6e-44:193:81//Hs.163971:N27584
 F-OVARC1000802//ESTs//4.6e-43:395:80//Hs.115401:AA400032
 F-OVARC1000834//ESTs//1.9e-91:431:99//Hs.154450:AA069390
 F-OVARC1000846//Homo sapiens mRNA for KIAA0643 protein, partial cds//1.9e-151:432:100//Hs.155995:
 AB014543
 50 F-OVARC1000850//Homo sapiens PB39 mRNA, complete cds//3.3e-137:632:99//Hs.18910:AF045584
 F-OVARC1000862//ESTs, Highly similar to gene Fgf protein [M.musculus]//6.1e-31:183:93//Hs.108620:AA418155
 F-OVARC1000876//Human DNA binding protein FKHL15 (FKHL15) mRNA, complete cds//0.54:133:69//Hs.
 159234:U89995
 F-OVARC1000883//ESTs//0.44:154:63//Hs.98183:AA417143
 55 F-OVARC1000885//EST//0.91:152:63//Hs.160765:AI313323
 F-OVARC1000886//ESTs//4.6e-08:375:61//Hs.131653:AI025777
 F-OVARC 1000890
 F-OVARC1000891

- F-OVARC1000897//ESTs//1.1e-07:145:69//Hs.119878:AA706818
 F-OVARC1000912//EST//3.6e-08:376:61//Hs.158782:AI376601
 F-OVARC1000915//Homo sapiens mRNA for KIAA0600 protein, partial cds//2.3e-85:419:97//Hs.9028:AF039691
 F-OVARC1000924//ESTs//3.6e-113:540:98//Hs.66058:AA424456
 5 F-OVARC1000936//Human endogenous retrovirus envelope region mRNA (PL1)//4.3e-64:623:72//Hs.114440:
 M11119
 F-OVARC1000937//EST//2.4e-39:170:96//Hs.129138:AA988078
 F-OVARC1000945//ESTs, Weakly similar to protein tyrosine phosphatase [H.sapiens]//2.4e-29:157:97//Hs.
 136243:AA307843
 10 F-OVARC 1000948
 F-OVARC1000959//EST//0.65:293:55//Hs.134725:AI088986
 F-OVARC1000960//Ley L-L//1.4e-41:425:72//Hs.37062:AC005952
 F-OVARC1000964//ESTs//1.4e-95:486:96//Hs.57079:D45288
 F-OVARC1000971//ESTs//0.19:198:62//Hs.153429:AI283069
 15 F-OVARC1000984//Breakpoint cluster region protein BCR//0.26:365:56//Hs.2557:Y00661
 F-OVARC1000996//Human p300/CBP-associated factor (P/CAF) mRNA, complete cds//6.8e-10:312:65//Hs.
 155302:U57317
 F-OVARC1000999//Homo sapiens mRNA for chemokine LEC precursor, complete cds//0.0056:209:62//Hs.10458:
 AF088219
 20 F-OVARC1001000//EST//4.2e-24:242:77//Hs.128952:AA984114
 F-OVARC1001004
 F-OVARC1001010
 F-OVARC1001011//ESTs, Moderately similar to Tera [M.musculus]//3.8e-47:234:99//Hs.110327:AA205866
 F-OVARC1001032//HUMAN IMMUNODEFICIENCY VIRUS TYPE I ENHANCER-BINDING PROTEIN 2//0.0076:
 25 624:57//Hs.75063:AL023584
 F-OVARC1001034//ESTs, Highly similar to mitogen-induced [M.musculus]//3.9e-97:578:89//Hs.111974:AI050735
 F-OVARC1001038//Homo sapiens TRIAD1 type I mRNA, complete cds//8.6e-152:733:97//Hs.9899:AF099149
 F-OVARC 1001040//ESTs//2.2e-38:204:96//Hs.128927:AI168074
 F-OVARC1001044//EST//0.036:304:61//Hs.137342:AA017385
 30 F-OVARC1001051
 F-OVARC1001055//Human pre-B cell enhancing factor (PBEF) mRNA, complete cds//1.1e-46:381:81//Hs.
 154968:U02020
 F-OVARC1001062//ESTs//0.020:265:60//Hs.146226:AI312873
 F-OVARC1001065//ESTs, Weakly similar to C50F4.12 [C.elegans]//1.4e-21:183:84//Hs.46680:AA809451
 35 F-OVARC1001068//Homo sapiens Era GTPase A protein (HERA-A) mRNA, partial cds//6.6e-132:620:98//Hs.
 3426:AF082657
 F-OVARC1001072//ESTs//1.1e-24:289:74//Hs.139614:AA709013
 F-OVARC1001074//ESTs//0.059:198:63//Hs.59974:AA001937
 F-OVARC1001085//H.sapiens mRNA for sortilin//0.99:142:67//Hs.104247:X98248
 40 F-OVARC1001092//Homo sapiens mRNA for JM5 protein, complete CDS (clone IMAGE 53337,
 LLNLc110F1857Q7 (RZPD Berlin) and LLNLc110G0913Q7 (RZPD Berlin))//1.3e-75:289:95//Hs.21753:AJ005897
 F-OVARC1001107//Homo sapiens SKB1 mRNA, complete cds//1.2e-73:351:86//Hs.12912:AF015913
 F-OVARC1001113//Homo sapiens diaphanous 1 (HDI1) mRNA, complete cds//2.1e-151:710:98//Hs.26584:
 AF051782
 45 F-OVARC1001117//ESTs//3.8e-73:347:99//Hs.116029:AA813102
 F-OVARC1001118
 F-OVARC1001129
 F-OVARC1001154//Granulin//2.4e-94:686:83//Hs.75451:AF055008
 F-OVARC1001161//ESTs//2.2e-40:208:97//Hs.113006:AA621725
 50 F-OVARC1001162
 F-OVARC1001167
 F-OVARC1001169//ESTs//0.81:158:63//Hs.48527:AI078279
 F-OVARC1001170//ESTs//9.0e-87:412:99//Hs.116550:AA813287
 F-OVARC1001171//ESTs//4.9e-26:167:79//Hs.139158:AA226159
 55 F-OVARC1001173//ESTs, Moderately similar to GLUTAMATE DEHYDROGENASE 1 PRECURSOR [Homo sapi-
 ens]//1.8e-11:192:69//Hs.130020:AA887581
 F-OVARC1001176//Homo sapiens chromosome 19, cosmid R26529//0.61:387:58//Hs.91103:AC005551
 F-OVARC1001180//ESTs, Weakly similar to ubiquitin S6(1) [D.melanogaster]//1.5e-13:199:71//Hs.109966:

C06057

- F-OVARC1001188//ESTs, Weakly similar to HYPOTHETICAL 27.8 KD PROTEIN IN VMA7-RPS31A INTERGENIC REGION [S.cerevisiae]/1.4e-52:324:90//Hs.114673:W72675
- F-OVARC1001200//ESTs//3.9e-16:104:94//Hs.125520:AA883889
- 5 F-OVARC1001232//Cyclin A//0.95:124:67//Hs.85137:X51688
- F-OVARC1001240//EST//0.017:351:60//Hs.120655:AA745676
- F-OVARC1001243//ESTs//0.78:291:59//Hs.132458:AI424825
- F-OVARC1001244//RING3 PROTEIN//2.8e-19:118:95//Hs.75243:D42040
- F-OVARC1001261//EST//1.9e-42:225:96//Hs.158854:AI377837
- 10 F-OVARC1001268//ESTs//0.66:239:61//Hs.132525:AA576821
- F-OVARC1001270//ESTs//0.99:204:60//Hs.144647:AA625224
- F-OVARC1001271//Homo sapiens mRNA for KIAA0643 protein, partial cds//6.8e-144:644:96//Hs.155995:AB014543
- F-OVARC1001282//ESTs, Weakly similar to Ydr438wp [S.cerevisiae]/0.11:355:60//Hs.108812:AA044835
- 15 F-OVARC1001296//ESTs//1.1e-46:237:98//Hs.33746:N78172
- F-OVARC1001306//Homo sapiens nuclear receptor co-repressor N-CoR mRNA, complete cds//0.20:188:64//Hs.152455:AF044209
- F-OVARC1001329//ESTs//1.4e-97:486:97//Hs.125886:AA884264
- F-OVARC1001330
- 20 F-OVARC1001339//Solute carrier family 4, anion exchanger, member 2 (erythrocyte membrane protein band 3-like 1)/0.021:232:62//Hs.79410:U62531
- F-OVARC1001341//ESTs, Weakly similar to C17G10.1 [C.elegans]/2.5e-76:363:99//Hs.105837:AA536054
- F-OVARC1001342//EST//0.98:97:65//Hs.148210:AA897493
- F-OVARC1001344//EST//5.3e-10:241:64//Hs.138777:N67251
- 25 F-OVARC1001357//Homo sapiens jerky gene product homolog mRNA, complete cds//0.64:198:61//Hs.105940:AF004715
- F-OVARC1001360//ESTs//4.9e-87:429:97//Hs.130145:AI264633
- F-OVARC1001369//ESTs//6.3e-07:371:62//Hs.131653:AI025777
- F-OVARC1001372//Homo sapiens mRNA for KIAA0654 protein, partial cds//1.4e-69:533:74//Hs.109299:AB014554
- 30 F-OVARC1001376//Homo sapiens neuronal thread protein AD7c-NTP mRNA, complete cds//2.5e-49:365:73//Hs.129735:AF010144
- F-OVARC1001381//Homo sapiens mRNA for candidate tumor suppressor involved in B-CLL//4.1e-149:683:99//Hs.151428:AJ224819
- 35 F-OVARC1001391//Homo sapiens methyl-CpG binding protein MBD2 (MBD2) mRNA, complete cds//0.097:235:65//Hs.25674:AF072242
- F-OVARC1001399//ESTs//1.1e-35:264:83//Hs.59379:W28225
- F-OVARC1001417//Homo sapiens EXLM1 mRNA, complete cds//1.3e-150:707:98//Hs.21586:AB006651
- F-OVARC1001419//Homo sapiens GOK (STIM1) mRNA, complete cds//1.6e-49:586:69//Hs.74597:U52426
- 40 F-OVARC1001425//ESTs//2.4e-11:258:67//Hs.119197:T83651
- F-OVARC1001436
- F-OVARC1001442
- F-OVARC1001453
- F-OVARC1001476//ESTs, Weakly similar to HYPOTHETICAL 38.6 KD PROTEIN IN TIF4631-KRE11 INTERGENIC REGION [S.cerevisiae]/1.9e-125:581:99//Hs.110950:AI041823
- 45 F-OVARC1001480//ESTs//0.95:125:72//Hs.152584:AA584568
- F-OVARC1001489//EST//4.9e-72:341:100//Hs.148191:AA897343
- F-OVARC1001496//Homo sapiens C-terminal binding protein 2 mRNA, complete cds//2.6e-86:479:92//Hs.6534:AF016507
- 50 F-OVARC1001506//Polycystic kidney disease 1 (autosomal dominant)//1.1e-97:538:92//Hs.75813:L33243
- F-OVARC1001525
- F-OVARC1001542//Envoplakin//0.34:258:60//Hs.25482:U53786
- F-OVARC1001547//EST//0.0046:237:62//Hs.54638:N90595
- F-OVARC1001555
- 55 F-OVARC1001577//Homo sapiens SRp46 splicing factor retropseudogene mRNA//6.8e-57:275:98//Hs.155160:AF031166
- F-OVARC1001600//ESTs, Weakly similar to !!!! ALU SUBFAMILY J WARNING ENTRY !!!! [H.sapiens]/0.0035:271:60//Hs.108465:AI144299

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F-OVARC1001610//ESTs, Weakly similar to F22E10.5 [C.elegans]//1.4e-43:216:99//Hs.120002:AI038398
F-OVARC1001611
F-OVARC1001615//EST//0.99:135:68//Hs.129410:AA993500
F-OVARC1001668//Homo sapiens mRNA for KIAA0572 protein, partial cds//3.3e-37:217:94//Hs.14409:AB011144
5 F-OVARC1001702//Homo sapiens mRNA for hSOX20 protein, complete cds//5.9e-49:393:81//Hs.95582:
AB006867
F-OVARC1001703//EST//1.7e-24:172:88//Hs.121198:AA757229
F-OVARC1001711//Fms-related tyrosine kinase 3 ligand//0.049:353:61//Hs.428:U03858
F-OVARC1001713//ESTs//8.9e-37:263:86//Hs.110298:AA621807
10 F-OVARC1001726//ESTs//2.0e-12:121:82//Hs.153332:AA236863
F-OVARC1001731//Tropomyosin beta chain (skeletal muscle)//1.7e-83:617:80//Hs.155652:X06825
F-OVARC1001745//EST//0.75:174:64//Hs.146778:AI148588
F-OVARC1001762
F-OVARC1001766//Homo sapiens eukaryotic translation initiation factor eIF3, p35 subunit mRNA, complete cds//
15 1.4e-150:706:98//Hs.155377:U97670
F-OVARC1001767//Homo sapiens mRNA for KIAA0675 protein, complete cds//9.8e-117:580:96//Hs.15869:
AB014575
F-OVARC 1001768//ESTs//0.035:179:64//Hs.87279:AI218697
F-OVARC1001791
20 F-OVARC1001795//ESTs//0.19:68:76//Hs.37699:AA062830
F-OVARC1001802//EST//3.7e-45:254:92//Hs.130620:AI005102
F-OVARC1001805//Homo sapiens mRNA for KIAA0744 protein, complete cds//0.77:362:58//Hs.116753:
AB018287
F-OVARC1001809//Human N-type calcium channel alpha-1 subunit mRNA, complete cds//2.2e-07:435:62//Hs.
25 69949:M94172
F-OVARC1001812//ESTs//3.0e-47:360:83//Hs.141756:AA700825
F-OVARC1001813//EST//1.8e-57:277:100//Hs.162414:AA573453
F-OVARC1001820//ESTs//1.4e-64:310:99//Hs.137398:AA164567
F-OVARC1001828//EST//1.0e-09:184:66//Hs.130435:AA923537
30 F-OVARC1001846//ESTs//1.8e-80:410:97//Hs.114539:N54973
F-OVARC1001861
F-OVARC1001873//Homo sapiens clones 24718 and 24825 mRNA sequence//3.9e-20:122:95//Hs.25300:
AF070611
F-OVARC1001879//Homo sapiens putative tumor suppressor gene 26 protein alpha 2 delta calcium channel sub-
35 unit mRNA, complete cds//0.042:199:67//Hs.127436:AF040709
F-OVARC1001880//Interferon regulatory factor 5//1.1e-06:489:60//Hs.54434:U51127
F-OVARC1001883//Homo sapiens mRNA, chromosome 1 specific transcript KIAA0484//9.5e-33:509:68//Hs.
158095:AB007953
F-OVARC1001900//Homo sapiens tumorous imaginal discs protein Tid56 homolog (TID1) mRNA, complete cds//
40 2.6e-57:300:96//Hs.6216:AF061749
F-OVARC1001901//ESTs//2.3e-07:185:69//Hs.145630:AI263834
F-OVARC1001911//EST//0.88:101:66//Hs.162622:AA601261
F-OVARC1001916//H.sapiens mRNA for prepronociceptin//1.0:540:58//Hs.89040:U48263
F-OVARC1001928
45 F-OVARC1001942//Human plectin (PLEC1) mRNA, complete cds//0.038:290:62//Hs.79706:U53204
F-OVARC1001943//ESTs, Weakly similar to HYPOTHETICAL 62.2 KD PROTEIN ZK652.6 IN CHROMOSOME III
[C.elegans]//2.3e-119:565:98//Hs.5392:AA313794
F-OVARC1001949//KRAB zinc finger protein (alternative products)//1.8e-17:294:67//Hs.22556:U37251
F-OVARC1001950//ESTs//1.5e-15:300:65//Hs.138501:AI051228
50 F-OVARC1001987//ESTs//6.7e-34:202:92//Hs.115600:AA351639
F-OVARC1001989//ESTs, Weakly similar to !!!! ALU SUBFAMILY J WARNING ENTRY !!!! [H.sapiens]//1.2e-23:
213:78//Hs.105292:AA504776
F-OVARC1002044//EST//0.26:164:66//Hs.161094:N30417
F-OVARC1002050//Homo sapiens mRNA for KIAA0465 protein, partial cds//6.6e-160:739:98//Hs.108258:
55 AB007934
F-OVARC1002066//ESTs//1.8e-103:482:99//Hs.124923:AI375865
F-OVARC1002082//EST//2.5e-09:213:67//Hs.112810:AA610063
F-OVARC1002107

- F-OVARC1002112//Homo sapiens histone macroH2A1.2 mRNA, complete cds//2.7e-101:498:96//Hs.75258:AF054174
- F-OVARC1002127//ESTs//1.6e-76:397:96//Hs.33432:R83913
- F-OVARC1002138//Homo sapiens p60 katanin mRNA, complete cds//3.5e-20:399:62//Hs.112725:AF056022
- 5 F-OVARC1002143//EST//4.2e-09:240:65//Hs.140547:AA812795
- F-OVARC1002156//EST//0.35:112:66//Hs.136761:AA738097
- F-OVARC1002158//ESTs, Weakly similar to Y53C12A.3 [C.elegans]//7.4e-07:329:58//Hs.107747:AI357868
- F-OVARC1002165//H.sapiens BDP1 mRNA for protein-tyrosine-phosphatase//0.00010:300:64//Hs.118929:X79568
- 10 F-PLACE1002182//Homo sapiens ataxin-7 (SCA7) mRNA, complete cds//0.19:178:64//Hs.108447:AJ000517
- F-PLACE1000004//ESTs//0.79:332:59//Hs.120221:AA731230
- F-PLACE1000005//ESTs//1.8e-10:89:87//Hs.158913:AI378928
- F-PLACE1000007//Homo sapiens ubiquitin hydrolyzing enzyme I (UBH1) mRNA, partial cds//1.2e-52:550:72//Hs.42400:AF022789
- 15 F-PLACE1000014
- F-PLACE1000031
- F-PLACE1000040//ESTs//3.1e-18:123:91//Hs.138387:AA873088
- F-PLACE1000048//ESTs//1.2e-43:387:78//Hs.61199:AA024494
- F-PLACE1000050//ESTs//1.8e-84:421:96//Hs.128632:AI076755
- 20 F-PLACE1000061//Ribosomal protein L37a//5.5e-29:177:93//Hs.1946:L06499
- F-PLACE1000066//ESTs, Weakly similar to coded for by C. elegans cDNA yk10c10.3 [C.elegans]//1.4e-47:266:93//Hs.30026:AI356771
- F-PLACE1000078//ESTs, Weakly similar to !!!! ALU SUBFAMILY SB1 WARNING ENTRY !!!! [H.sapiens]//6.4e-15:203:70//Hs.157422:R85366
- 25 F-PLACE1000081//Human transporter protein (g17) mRNA, complete cds//0.30:324:60//Hs.76460:U49082
- F-PLACE1000094
- F-PLACE1000133//ESTs, Highly similar to TRANSCRIPTION FACTOR BTF3 [Homo sapiens]//6.2e-82:476:92//Hs.111081:AI380378
- F-PLACE1000142//ESTs, Weakly similar to enoyl-CoA hydratase [H.sapiens]//7.7e-27:205:85//Hs.9670:AA632135
- 30 F-PLACE1000184//Homo sapiens estrogen-related receptor gamma mRNA, complete cds//2.5e-151:737:97//Hs.151017:AF058291
- F-PLACE1000185
- F-PLACE1000213
- 35 F-PLACE1000214//ESTs//0.00059:335:59//Hs.143849:AI167255
- F-PLACE1000236//Fanconi anemia, complementation group A//0.44:306:61//Hs.86297:X99226
- F-PLACE1000246//ESTs//7.3e-80:457:89//Hs.57209:W22022
- F-PLACE1000292//ESTs//1.8e-05:323:60//Hs.59962:AI278202
- F-PLACE1000308//EST//0.0024:253:62//Hs.144238:W52294
- 40 F-PLACE1000332//EST//5.6e-18:223:74//Hs.99532:AA461047
- F-PLACE1000347//ESTs//6.4e-33:169:99//Hs.122975:AA428675
- F-PLACE1000374//Human CCAAT-box-binding factor (CBF) mRNA, complete cds//0.26:45:95//Hs.147991:M37197
- F-PLACE1000380//Homo sapiens proline and glutamic acid rich nuclear protein isoform mRNA, partial cds//1.0:262:58//Hs.102732:U88153
- 45 F-PLACE1000383//Myotubular myopathy 1//1.1e-50:669:67//Hs.75302:U46024
- F-PLACE1000401//Homo sapiens mRNA for KIAA0616 protein, partial cds//0.036:471:58//Hs.6051:AB014516
- F-PLACE1000406//ESTs, Highly similar to PTB-ASSOCIATED SPLICING FACTOR [Homo sapiens]//8.7e-63:346:93//Hs.19501:AA742260
- 50 F-PLACE1000420//Homo sapiens mRNA for KIAA0602 protein, partial cds//0.0023:216:65//Hs.37656:AB011174
- F-PLACE1000421//Human lipid-activated protein kinase PRK1 mRNA, complete cds//0.55:212:63//Hs.2499:U33053
- F-PLACE1000424
- F-PLACE1000435//Homo sapiens mRNA for XPR2 protein//0.58:674:55//Hs.44766:AJ007590
- 55 F-PLACE1000444//Fucosyltransferase 1 (galactoside 2-alpha-L-fucosyltransferase, Bombay phenotype included) //2.7e-52:421:80//Hs.69747:M35531
- F-PLACE1000453//Human mRNA for MTG8a protein, complete cds//0.026:240:60//Hs.31551:D43638
- F-PLACE1000481//Oxytocin receptor//1.6e-25:347:71//Hs.2820:X64878

F-PLACE1000492//Human mRNA for KIAA0355 gene, complete cds//0.58:302:60//Hs.153014:AB002353
 F-PLACE1000540//EST//0.32:229:59//Hs.163011:AA700573
 F-PLACE1000547//Human heparan sulfate proteoglycan (HSPG2) mRNA, complete cds//0.0046:223:65//Hs.75578:M85289
 5 F-PLACE1000562
 F-PLACE1000564//ESTs//8.0e-35:247:89//Hs.12999:AA278538
 F-PLACE1000583//Homo sapiens clone 23939 mRNA sequence//6.6e-47:525:72//Hs.21838:AF038179
 F-PLACE1000588//Guanylate binding protein 1, interferon-inducible, 67kD//2.3e-85:503:88//Hs.62661:M55542
 F-PLACE1000596//Homo sapiens mRNA for NS1-binding protein (NS1-BP)//1.2e-165:798:97//Hs.159597:
 10 AJ012449
 F-PLACE1000599//ESTs//0.65:201:58//Hs.98216:AA758751
 F-PLACE1000610//Homo sapiens mRNA for KIAA0642 protein, partial cds//0.98:215:60//Hs.8152:AB014542
 F-PLACE1000611//ESTs//7.2e-20:406:64//Hs.128966:AA620986
 F-PLACE1000636
 15 F-PLACE1000653//Homo sapiens N-acetylglucosamine-phosphate mutase mRNA, complete cds//5.0e-154:747:96//Hs.5819:AF102265
 F-PLACE1000656//Homo sapiens mRNA for JM4 protein, complete CDS (clone IMAGE 546750 and LLNLc110F1857Q7 (RZPD Berlin))//7.5e-158:775:97//Hs.29595:AJ005896
 F-PLACE1000706//Homo sapiens transcription intermediary factor 1 (TIF1) mRNA, complete cds//1.0e-57:675:69//Hs.128763:AF009353
 20 F-PLACE1000712//EST//0.56:171:61//Hs.112790:AA609949
 F-PLACE1000716//Human mRNA for KIAA0258 gene, complete cds//6.1e-38:426:70//Hs.47313:D87447
 F-PLACE1000748//ESTs//2.6e-43:233:95//Hs.110754:AA112288
 F-PLACE1000749//Human MAGE-9 antigen (MAGE9) gene, complete cds//0.72:331:57//Hs.37110:U10694
 25 F-PLACE1000755//NUCLEOLIN//0.0038:186:66//Hs.79110:M60858
 F-PLACE1000769
 F-PLACE1000785//Homo sapiens mRNA for KIAA0648 protein, partial cds//1.1e-139:663:98//Hs.31921:AB014548
 F-PLACE1000786//Myosin, heavy polypeptide 9, non-muscle//8.5e-06:362:59//Hs.44782:Z82215
 30 F-PLACE1000793//ESTs//2.7e-62:315:97//Hs.16141:W56079
 F-PLACE1000798//ESTs//1.4e-55:316:93//Hs.139119:N32189
 F-PLACE1000841//EST//0.47:143:61//Hs.144096:AI032180
 F-PLACE1000849//Homo sapiens CAGF9 mRNA, partial cds//1.6e-06:266:63//Hs.110826:U80736
 F-PLACE1000856//ESTs//2.6e-60:319:96//Hs.25994:AA470000
 35 F-PLACE1000863//EST//9.4e-29:249:78//Hs.121919:AA777428
 F-PLACE1000909//ESTs//0.97:214:60//Hs.128601:AA906455
 F-PLACE1000931//ESTs//2.1e-46:592:70//Hs.154244:AA195201
 F-PLACE1000948
 F-PLACE1000972//Homo sapiens enhancer of filamentation (HEF1) mRNA, complete cds//7.9e-10:294:66//Hs.80261:L43821
 40 F-PLACE1000977//ESTs, Weakly similar to coded for by C. elegans cDNA yk28h2.5 [C.elegans]//9.3e-45:309:88//Hs.13531:R61789
 F-PLACE1000979//Zinc finger protein 91 (HPF7, HTF10)//0.0034:229:62//Hs.8597:L11672
 F-PLACE1000987//Homo sapiens mRNA for KIAA0724 protein, complete cds//2.6e-141:694:96//Hs.158497:AB018267
 45 F-PLACE1001000//ESTs//0.0035:116:73//Hs.144532:H39913
 F-PLACE1001007//Guanylate cyclase 2D, membrane (retina-specific)//0.050:338:61//Hs.1974:M92432
 F-PLACE1001010//H.sapiens mRNA for retrotransposon//1.6e-45:371:80//Hs.6940:Z48633
 F-PLACE1001015//ESTs//8.6e-27:211:71//Hs.88040:AA256876
 50 F-PLACE1001024
 F-PLACE1001036//EST//1.0:133:65//Hs.161424:AI424741
 F-PLACE1001054//Human plectin (PLEC1) mRNA, complete cds//0.98:284:59//Hs.79706:U53204
 F-PLACE1001062
 F-PLACE1001076//EST//0.84:223:59//Hs.161147:AI417859
 55 F-PLACE1001088
 F-PLACE1001092//Homo sapiens sorting nexin 4 mRNA, complete cds//1.0e-96:489:96//Hs.95448:AF065485
 F-PLACE1001104//ESTs//0.19:249:64//Hs.152627:AA595817
 F-PLACE1001118//Homo sapiens KRAB domain zinc finger protein (ZFP37) mRNA, complete cds//8.2e-66:676:

- 71//Hs.150406:AF022158
 F-PLACE1001136//Amphiregulin (schwannoma-derived growth factor)//1.5e-16:122:91//Hs.1257:M30704
 F-PLACE1001168
 F-PLACE1001171//ESTs//4.3e-12:214:72//Hs.141392:R95135
 5 F-PLACE1001185//ESTs, Weakly similar to ZK792.1 [C.elegans]//1.6e-28:421:66//Hs.8763:W30741
 F-PLACE1001238
 F-PLACE1001241//ESTs//1.1e-22:225:79//Hs.159786:R49494
 F-PLACE1001257//ESTs//1.9e-23:165:89//Hs.126518:AA913929
 F-PLACE1001272//COATOMER BETA'SUBUNIT//0.012:50:96//Hs.75724:X70476
 10 F-PLACE1001279//ESTs//0.97:377:59//Hs.152628:N51283
 F-PLACE1001280//Homo sapiens hyperpolarization-activated channel 1 (IH1) mRNA, partial cds//1.2e-08:586:58//Hs.124161:AF065164
 F-PLACE1001294//Homo sapiens mRNA for myosin phosphatase target subunit 1 (MYPT1)//0.91:221:61//Hs.16533:D87930
 15 F-PLACE1001304//Human zinc finger protein mRNA, complete cds//8.6e-08:370:60//Hs.42672:AF016052
 F-PLACE1001311//ESTs//1.7e-44:480:73//Hs.155384:Z78385
 F-PLACE1001323//ESTs//1.1e-25:151:95//Hs.134120:AA699591
 F-PLACE1001351
 F-PLACE1001366//Homo sapiens mRNA for KIAA0799 protein, partial cds//2.8e-26:155:95//Hs.61638:AB018342
 20 F-PLACE1001377//Homo sapiens ADAM10 (ADAM10) mRNA, complete cds//3.4e-44:393:79//Hs.152005:AF009615
 F-PLACE1001383//ESTs//1.0:159:65//Hs.128501:AA973748
 F-PLACE1001384//Homo sapiens multi PDZ domain protein MUPP1 (MUPP1) mRNA, complete cds//2.6e-09:117:84//Hs.21301:AF093419
 25 F-PLACE1001387//ESTs, Weakly similar to EPIDERMAL GROWTH FACTOR RECEPTOR KINASE SUBSTRATE EPS8 [H.sapiens]//0.00083:187:64//Hs.5399:N30646
 F-PLACE1001395//Homo sapiens mRNA for putative DNA methyltransferase, complete CDS//0.0038:496:57//Hs.97681:AJ223333
 F-PLACE1001399//Human melanoma antigen recognized by T-cells (MART-1) mRNA//7.0e-45:456:75//Hs.154069:U06452
 30 F-PLACE1001412//Homo sapiens clone 643 unknown mRNA, complete sequence//6.5e-71:365:96//Hs.110404:AF091087
 F-PLACE1001414//EST//1.2e-75:364:98//Hs.136622:AA633232
 F-PLACE1001440//ESTs//2.8e-05:163:66//Hs.141082:H18987
 35 F-PLACE1001456//EST//0.95:132:61//Hs.20373:R09510
 F-PLACE1001468//ESTs//0.00019:184:66//Hs.126536:AI379455
 F-PLACE1001484//EST//8.6e-18:190:76//Hs.160992:H52716
 F-PLACE1001502//Apolipoprotein E//2.5e-05:306:60//Hs.76260:M12529
 F-PLACE1001503
 40 F-PLACE1001517//ESTs//1.9e-12:138:78//Hs.120352:AA718914
 F-PLACE1001534//EST//0.015:121:65//Hs.144156:R85753
 F-PLACE1001545
 F-PLACE1001551
 F-PLACE1001570//EST//0.58:286:59//Hs.120202:AA728835
 45 F-PLACE1001602//Human POU domain protein (Brn-3b) mRNA, complete cds//0.013:159:66//Hs.266:U06233
 F-PLACE1001603//Homo sapiens nitrilase 1 (NIT1) mRNA, complete cds//1.1e-10:133:77//Hs.146406:AF069987
 F-PLACE1001608//ESTs//0.022:187:60//Hs.145915:AI342230
 F-PLACE1001610//ESTs//1.4e-77:377:97//Hs.115700:AA808005
 F-PLACE1001611//Human faciogenital dysplasia (FGD1) mRNA, complete cds//0.96:141:66//Hs.1572:U11690
 50 F-PLACE1001632//Homo sapiens mRNA for KIAA0798 protein, complete cds//3.4e-76:702:75//Hs.159277:AB018341
 F-PLACE1001634//ESTs//1.2e-43:260:92//Hs.134064:AI276198
 F-PLACE1001640
 F-PLACE1001672//EST//2.8e-21:201:82//Hs.123341:AA810927
 55 F-PLACE1001691//Homo sapiens okadaic acid-inducible phosphoprotein (OA48-18) mRNA, complete cds//2.8e-148:726:96//Hs.3688:AF069250
 F-PLACE1001692//ESTs, Highly similar to S-ACYL FATTY ACID SYNTHASE THIOESTERASE, MEDIUM CHAIN [Rattus norvegicus]//1.1e-95:481:92//Hs.24309:AI125696

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F-PLACE1001705//Human RNA polymerase III subunit (RPC39) mRNA, complete cds//6.0e-30:347:76//Hs.101555:U93869
 F-PLACE1001716//Human mRNA for KIAA0191 gene, partial cds//2.1e-69:369:73//Hs.12413:D83776
 F-PLACE1001720//ESTs//1.2e-27:146:99//Hs.106432:AI391686
 5 F-PLACE1001729//Homo sapiens mRNA for KIAA0522 protein, partial cds//0.0084:484:60//Hs.129892:AB011094
 F-PLACE1001739//Histidine-rich calcium binding protein//0.14:240:64//Hs.1480:M60052
 F-PLACE1001740//ESTs//4.9e-32:343:74//Hs.139158:AA226159
 F-PLACE1001745
 F-PLACE1001746//ESTs//7.0e-15:168:80//Hs.46601:N78361
 10 F-PLACE1001748//Homo sapiens metalloprotease 1 (MP1) mRNA, complete cds//2.8e-160:773:97//Hs.4812:AF061243
 F-PLACE1001756//Homo sapiens tapasin (NGS-17) mRNA, complete cds//2.7e-35:269:83//Hs.5247:AF029750
 F-PLACE1001761//ESTs//6.9e-27:159:93//Hs.78277:AA131283
 F-PLACE1001771//Human putative calcium influx channel (htrp3) mRNA, complete cds//3.4e-52:548:72//Hs.150981:U47050
 15 F-PLACE1001781
 F-PLACE1001799//EST//5.4e-07:145:70//Hs.121840:AA776115
 F-PLACE1001810//ESTs//0.024:134:67//Hs.43134:AA766138
 F-PLACE1001817//Homo sapiens ATP-specific succinyl-CoA synthetase beta subunit (SCS) mRNA, partial cds//3.6e-110:546:96//Hs.40820:AF058953
 20 F-PLACE1001821
 F-PLACE1001844//ESTs//5.4e-45:387:79//Hs.61199:AA024494
 F-PLACE1001845//ESTs//2.5e-47:232:100//Hs.120809:AA150214
 F-PLACE1001869//EST//1.0:139:59//Hs.122285:AA781906
 25 F-PLACE1001897//ESTs//0.29:348:57//Hs.139993:AI343257
 F-PLACE1001912//ESTs//4.0e-10:95:89//Hs.13475:R18220
 F-PLACE1001920//Homo sapiens TNF-induced protein GG2-1 mRNA, complete cds//4.0e-153:685:95//Hs.17839:AF099936
 F-PLACE1001928//H.sapiens HUMM9 mRNA//0.063:196:66//Hs.2750:X74837
 30 F-PLACE1001983//Homo sapiens Jagged 2 mRNA, complete cds//9.8e-06:431:58//Hs.106387:AF029778
 F-PLACE1001989
 F-PLACE1002004
 F-PLACE1002046
 F-PLACE1002052//Human mRNA for phospholipase C, complete cds//0.0092:465:58//Hs.153322:D42108
 35 F-PLACE1002066//EST//0.49:307:61//Hs.150652:AA908555
 F-PLACE1002072//EST//1.0:103:65//Hs.116488:F13707
 F-PLACE1002073//Homo sapiens mRNA for KIAA0606 protein, partial cds//4.2e-39:635:64//Hs.38176:AB011178
 F-PLACE1002090//Homo sapiens signal recognition particle 72 (SRP72) mRNA, complete cds//4.3e-83:388:99//Hs.5171:AF069765
 40 F-PLACE1002115//EST//0.18:215:62//Hs.135747:AI002637
 F-PLACE1002119//Human transcription factor ETR101 mRNA, complete cds//6.2e-13:384:61//Hs.737:M62831
 F-PLACE1002140//EST, Moderately similar to ALPHA-1-ANTITRYPSIN PRECURSOR [Homo sapiens]//0.89:60:75//Hs.144290:T61747
 F-PLACE1002150//ESTs//0.56:245:64//Hs.24119:AA115631
 45 F-PLACE1002157//Human mRNA for KIAA0392 gene, partial cds//2.8e-51:440:79//Hs.40100:AB002390
 F-PLACE1002163//ESTs//0.76:212:61//Hs.112494:AI366891
 F-PLACE1002170//ESTs//6.5e-09:108:76//Hs.41418:H90627
 F-PLACE1002171//ESTs//3.5e-81:493:89//Hs.122553:H66674
 F-PLACE1002205//Human clone 23695 mRNA sequence//0.00080:472:60//Hs.90798:U79289
 50 F-PLACE1002213//ESTs//0.041:146:67//Hs.119162:AA399989
 F-PLACE1002227//ESTs//9.4e-06:173:66//Hs.127882:AI024442
 F-PLACE1002256//ESTs//1.8e-93:440:99//Hs.128700:AA970935
 F-PLACE1002259//Human Line-1 repeat mRNA with 2 open reading frames//2.3e-75:434:83//Hs.23094:M19503
 F-PLACE1002319//ESTs//0.82:188:62//Hs.50918:AA036675
 55 F-PLACE1002342//EST//0.61:148:66//Hs.144319:AA280279
 F-PLACE1002395//ESTs//1.2e-18:168:83//Hs.3853:AA034291
 F-PLACE1002399//EST//0.0011:166:65//Hs.137500:AA436710
 F-PLACE1002433//ESTs//1.2e-14:151:80//Hs.161837:AA421067

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F-PLACE1002437//Human ATP binding cassette transporter (ABCR) mRNA, complete cds//2.6e-23:458:66//Hs.40993:AF000148
 F-PLACE1002438//EST//0.81:48:77//Hs.158575:AI368947
 5 F-PLACE1002450//Homo sapiens KRAB domain zinc finger protein (ZFP37) mRNA, complete cds//7.1e-07:270:66//Hs.150406:AF022158
 F-PLACE1002465
 F-PLACE1002474//Homo sapiens mRNA for matrilin-4, partial//1.3e-14:369:63//Hs.129361:AJ007581
 F-PLACE1002477//ESTs//3.5e-13:125:71//Hs.145032:AA343523
 F-PLACE1002493
 10 F-PLACE1002499
 F-PLACE1002500//Human putative zinc transporter ZnT-3 (ZnT-3) mRNA, complete cds//4.3e-19:708:59//Hs.111967:U76010
 F-PLACE1002514//ESTs//3.1e-07:178:66//Hs.70932:AA126482
 F-PLACE1002529//Homo sapiens mRNA for KIAA0713 protein, partial cds//2.9e-144:583:95//Hs.88756:AB018256
 15 F-PLACE1002532//Homo sapiens BAC clone RG300E22 from 7q21-q31.1//3.1e-115:566:96//Hs.99348:AC004774
 F-PLACE1002537//Thiopurine S-methyltransferase//1.9e-28:198:86//Hs.51124:AF019369
 F-PLACE1002571//Homo sapiens mRNA for TP53, complete cds//0.99:274:59//Hs.138202:AF027866
 20 F-PLACE1002578//ESTs//7.3e-10:185:73//Hs.41418:H90627
 F-PLACE1002583//EST//0.0028:348:61//Hs.160396:AI393725
 F-PLACE1002591//Human mRNA for actin binding protein p57, complete cds//2.8e-27:279:74//Hs.109606:D44497
 F-PLACE1002598//EST//0.011:209:62//Hs.131470:AI024187
 25 F-PLACE1002604//EST//0.47:220:61//Hs.145434:AI198915
 F-PLACE1002625
 F-PLACE1002655//GELSOLIN PRECURSOR, PLASMA//1.7e-36:693:62//Hs.80562:X04412
 F-PLACE1002665//EST//0.15:156:65//Hs.161793:AA380706
 F-PLACE1002685//Homo sapiens B cell linker protein BLNK mRNA, alternatively spliced, complete cds//1.1e-187:804:97//Hs.124903:AF068180
 30 F-PLACE1002714//Human involucrin mRNA//3.6e-08:509:60//Hs.157091:M13903
 F-PLACE1002722//Human protease-activated receptor 3 (PAR3) mRNA, complete cds//0.34:230:58//Hs.159196:U92971
 F-PLACE1002768//EST//0.37:126:69//Hs.125353:AA877080
 35 F-PLACE1002772//ESTs//0.0017:147:69//Hs.132439:AA923728
 F-PLACE1002775//EST//5.5e-09:129:75//Hs.135336:AI049827
 F-PLACE1002782//Homo sapiens I-1 receptor candidate protein mRNA, complete cds//0.0031:298:62//Hs.26285:AF082516
 F-PLACE1002794//ESTs//0.71:125:66//Hs.97441:AI368926
 40 F-PLACE1002811//Human mRNA for KIAA0172 gene, partial cds//5.8e-46:567:70//Hs.77546:D79994
 F-PLACE1002815
 F-PLACE1002816//Homo sapiens mRNA for KIAA0600 protein, partial cds//4.3e-70:687:73//Hs.9028:AF039691
 F-PLACE1002834//ESTs//2.6e-41:393:74//Hs.120206:AI089163
 F-PLACE1002839//ESTs//0.26:177:63//Hs.149013:AI334167
 45 F-PLACE1002851//EST//0.0034:102:72//Hs.129630:AI000405
 F-PLACE1002853//ESTs//1.1e-20:136:90//Hs.125895:AA889024
 F-PLACE1002881//Interleukin 10//1.1e-41:454:72//Hs.2180:M57627
 F-PLACE1002908//ESTs//3.8e-48:325:88//Hs.54702:AI040029
 F-PLACE1002941//ESTs//5.0e-18:128:88//Hs.17376:AA855056
 50 F-PLACE1002962
 F-PLACE1002968//ESTs, Highly similar to trg gene product [R.norvegicus]//0.031:372:59//Hs.8021:AI041815
 F-PLACE1002991
 F-PLACE1002993
 F-PLACE1002996//ESTs, Weakly similar to T20D3.3 [C.elegans]//1.3e-12:104:86//Hs.124808:T86959
 55 F-PLACE1003025//Homo sapiens mRNA, chromosome 1 specific transcript KIAA0510//0.99:192:64//Hs.92660:AB007979
 F-PLACE1003027//Homo sapiens mRNA for KIAA0516 protein, partial cds//2.0e-131:632:97//Hs.129872:AB011088

F-PLACE1003044//Homo sapiens mRNA for KIAA0667 protein, partial cds//2.7e-14:555:58//Hs.154740:
 AB014567
 F-PLACE1003045
 F-PLACE1003092//ESTs//1.1e-108:506:99//Hs.22119:AA885491
 5 F-PLACE1003100//Human Hep27 protein mRNA, complete cds//2.9e-66:650:73//Hs.102137:U31875
 F-PLACE1003108//EST//0.016:181:65//Hs.119762:AA703419
 F-PLACE1003136
 F-PLACE1003145
 F-PLACE1003153//ESTs//3.1e-09:209:65//Hs.111583:AA463590
 10 F-PLACE1003174//ESTs//0.073:97:69//Hs.12992:W01997
 F-PLACE1003176//ESTs//3.3e-60:296:90//Hs.58239:AA215797
 F-PLACE1003190//Homo sapiens C19steroid specific UDP-glucuronosyltransferase mRNA, complete cds//0.98:
 221:60//Hs.139756:U59209
 F-PLACE1003200//EST//0.0021:309:60//Hs.140561:AA765532
 15 F-PLACE1003205//EST//1.2e-07:204:65//Hs.147372:AI208770
 F-PLACE1003238//ESTs//7.4e-62:343:94//Hs.121302:AA758208
 F-PLACE1003249//Insulin-like growth factor 1 (somatomedia C)//0.99:175:62//Hs.85112:X57025
 F-PLACE1003256
 F-PLACE1003258//H.sapiens mRNA for ZYG homologue//0.00020:217:64//Hs.29285:X99802
 20 F-PLACE1003296//ESTs//2.6e-14:80:86//Hs.155441:AA533106
 F-PLACE1003302//Human repressor transcriptional factor (ZNF85) mRNA, complete cds//4.3e-51:700:67//Hs.
 37138:U35376
 F-PLACE1003334
 F-PLACE1003342//ESTs//0.94:310:57//Hs.131502:AI023308
 25 F-PLACE1003343//EST//1.2e-09:114:77//Hs.103418:AA035568
 F-PLACE1003353//Homo sapiens breast cancer antiestrogen resistance 3 protein (BCAR3) mRNA, complete cds//
 2.6e-144:773:92//Hs.6564:U92715
 F-PLACE1003361//ESTs, Weakly similar to ATP SYNTHASE A CHAIN [Trypanosoma brucei brucei]//8.9e-35:332:
 78//Hs.163820:H71277
 30 F-PLACE1003366//Homo sapiens dysferlin mRNA, complete cds//7.9e-06:502:57//Hs.143897:AF075575
 F-PLACE1003369//NUCLEOLIN//0.00037:282:60//Hs.79110:M60858
 F-PLACE1003373//EST//1.1e-11:420:63//Hs.156592:AI343009
 F-PLACE1003375//EST//0.75:119:68//Hs.160270:AI149069
 F-PLACE1003383
 35 F-PLACE1003394//ESTs, Highly similar to RAS-RELATED PROTEIN RAB-14 [Rattus norvegicus]//8.9e-113:590:
 94//Hs.125175:AI142546
 F-PLACE1003401//ESTs//0.55:176:66//Hs.154292:AA886178
 F-PLACE1003420//Macrophage stimulating 1 (hepatocyte growth factor-like)//0.40:206:62//Hs.30223:X90846
 F-PLACE1003454//ESTs//0.98:74:72//Hs.127131:AA150912
 40 F-PLACE1003478//EST//5.0e-06:183:69//Hs.127524:AA952874
 F-PLACE1003493//Protein-tyrosine kinase 7//0.98:232:63//Hs.90572:U33635
 F-PLACE1003516//Human kpni repeat mrna (cdna clone pcd-kpni-8), 3' end//3.4e-85:357:86//Hs.103948:K00627
 F-PLACE1003519//ESTs//1.6e-33:288:72//Hs.159510:AA297145
 F-PLACE1003521//H.sapiens mRNA for retrotransposon//1.4e-45:269:76//Hs.6940:Z48633
 45 F-PLACE1003528//ESTs//0.65:120:68//Hs.162376:AA570248
 F-PLACE1003537//ESTs, Weakly similar to ZK858.6 [C.elegans]//3.6e-110:543:97//Hs.120416:AA057428
 F-PLACE1003553
 F-PLACE1003566//ESTs//0.0015:508:59//Hs.5724:AA156780
 F-PLACE1003575//Homo sapiens cdc14 homolog mRNA, complete cds//4.4e-05:499:58//Hs.65993:AF000367
 50 F-PLACE1003583//ESTs//5.5e-19:448:63//Hs.161701:AA225932
 F-PLACE1003584//EST//1.6e-46:263:94//Hs.147412:AI209194
 F-PLACE1003592//ESTs, Moderately similar to !!!! ALU CLASS B WARNING ENTRY !!!! [H.sapiens]//1.4e-50:287:
 93//Hs.154799:AA130620
 F-PLACE1003593//ESTs//0.0025:318:61//Hs.106771:AA806965
 55 F-PLACE1003596//Integral transmembrane protein 1//1.9e-54:685:68//Hs.89650:L38961
 F-PLACE1003602//Homo sapiens mRNA expressed in placenta//3.4e-140:679:97//Hs.56851:D83200
 F-PLACE1003605//Homo sapiens Cdc14B2 phosphatase mRNA, partial cds//0.00065:236:64//Hs.22116:
 AF064104

- F-PLACE1003611//EST//0.00015:318:59//Hs.28788:R66896
 F-PLACE1003618//Human Line-1 repeat mRNA with 2 open reading frames//1.3e-122:737:87//Hs.23094:M19503
 F-PLACE1003625//ESTs//1.6e-16:103:96//Hs.111223:N51105
 F-PLACE1003638//ESTs//0.60:305:57//Hs.19104:W07762
 5 F-PLACE1003669//ESTs, Weakly similar to 3-7 gene product [H.sapiens]//0.021:445:58//Hs.158275:AI365413
 F-PLACE1003704//Human mRNA for KIAA0301 gene, partial cds//0.014:622:56//Hs.76730:AB002299
 F-PLACE1003709//Homo sapiens protein kinase (BUB1) mRNA, complete cds//1.4e-133:669:95//Hs.98658:AF053305
 F-PLACE1003711//ESTs//2.2e-14:178:77//Hs.114831:T57101
 10 F-PLACE1003723//Homo sapiens mRNA for T lymphocyte specific adaptor protein//8.5e-09:393:60//Hs.103527:AJ000553
 F-PLACE1003738//ESTs, Weakly similar to ZINC FINGER PROTEIN 84 [H.sapiens]//1.8e-53:260:99//Hs.102928:AI346344
 F-PLACE1003760//ESTs//5.1e-08:334:63//Hs.43675:AA805648
 15 F-PLACE1003762//ESTs//1.0:59:83//Hs.29863:W28983
 F-PLACE1003768//Human kpni repeat mrna (cdna clone pcd-kpni-4), 3' end//2.7e-40:608:68//Hs.139107:K00629
 F-PLACE1003771//ESTs//6.6e-10:226:65//Hs.15776:T91944
 F-PLACE1003783
 F-PLACE1003784//Homo sapiens mRNA for KIAA0765 protein, partial cds//1.0:457:57//Hs.62318:AB018308
 20 F-PLACE1003795//Human homologue of yeast sec7 mRNA, complete cds//0.85:314:60//Hs.1050:M85169
 F-PLACE1003833//ESTs, Weakly similar to C27H6.5 [C.elegans]//0.00059:201:68//Hs.40806:AA018786
 F-PLACE1003850//ESTs//0.0088:220:61//Hs.145504:AI254165
 F-PLACE1003858//EST//0.77:137:61//Hs.146935:AI168124
 F-PLACE1003864//ESTs//0.11:225:59//Hs.160910:AI370359
 25 F-PLACE1003870//EST//7.2e-18:283:69//Hs.135497:AI091257
 F-PLACE1003885//H.sapiens PAP mRNA//2.4e-75:759:72//Hs.49007:X76770
 F-PLACE1003886
 F-PLACE1003888//Human mRNA for phospholipase C, complete cds//8.4e-55:702:67//Hs.153322:D42108
 F-PLACE1003892//ESTs//2.4e-13:258:67//Hs.28039:H24050
 30 F-PLACE1003900//ESTs//3.5e-14:271:66//Hs.28589:AI004944
 F-PLACE1003903//CTP synthetase//1.6e-49:528:71//Hs.84112:X52142
 F-PLACE1003915//ESTs, Highly similar to ARGINYL-TRNA SYNTHETASE, MITOCHONDRIAL PRECURSOR [Saccharomyces cerevisiae]//1.2e-49:251:98//Hs.65831:F03069
 F-PLACE1003923//Interferon, alpha 16//0.48:278:60//Hs.56303:M28585
 35 F-PLACE1003932//EST//0.00060:221:63//Hs.163044:AA707537
 F-PLACE1003936//ESTs//0.86:211:62//Hs.150751:AI123536
 F-PLACE1003968//Human 5'-AMP-activated protein kinase, gamma-1 subunit mRNA, complete cds//2.0e-47:522:71//Hs.3136:U42412
 F-PLACE1004103//ESTs//8.6e-35:226:89//Hs.78973:AI026812
 40 F-PLACE1004104//ESTs//1.0:179:61//Hs.163935:AA506940
 F-PLACE1004114//ESTs//1.3e-52:323:89//Hs.35156:AA148516
 F-PLACE1004118//Spleen focus forming virus (SFFV) proviral integration oncogene spi1//0.85:164:64//Hs.153045:X52056
 F-PLACE1004128//Guanine nucleotide binding protein (G protein), beta polypeptide 1//3.1e-41:422:74//Hs.3620:X04526
 45 F-PLACE1004149//ESTs, Weakly similar to F48F7.1 [C.elegans]//8.2e-82:418:96//Hs.156161:AI333779
 F-PLACE1004156//ESTs//0.10:166:63//Hs.133279:AI053552
 F-PLACE1004161//Human mRNA for KIAA0200 gene, complete cds//0.85:269:64//Hs.76986:D83785
 F-PLACE1004183//EST//1.3e-40:224:94//Hs.156603:AI343666
 50 F-PLACE1004197//ESTs//2.8e-91:441:98//Hs.97269:AA292201
 F-PLACE1004203//Homo sapiens GPI-anchored membrane protein CDw108 precursor, mRNA, complete cds//1.3e-145:695:98//Hs.24640:AF069493
 F-PLACE1004242//ESTs//0.99:213:60//Hs.117311:AA699722
 F-PLACE1004256//EST//0.019:364:58//Hs.122395:AA789273
 55 F-PLACE1004257//ESTs//0.77:154:64//Hs.112582:AA608689
 F-PLACE1004258//ESTs, Weakly similar to vanilloid receptor subtype 1 [R.norvegicus]//1.1e-98:479:97//Hs.31718:N29128
 F-PLACE1004270//Homo sapiens CAGF9 mRNA, partial cds//0.00010:369:63//Hs.110826:U80736

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F-PLACE1004274//Homo sapiens mRNA for KIAA0445 protein, complete cds//0.085:573:56//Hs.154139:AB007914

F-PLACE1004277//Homo sapiens two pore domain K+ channel (TASK-2) mRNA, complete cds//2.0e-157:756:97//Hs.127007:AF084830

5 F-PLACE1004284//ESTs//3.6e-71:344:99//Hs.145870:AI271884

F-PLACE1004289//ESTs//2.6e-57:370:85//Hs.16740:AA586576

F-PLACE1004302//FACTOR VIII INTRON 22 PROTEIN//0.032:513:59//Hs.83363:M34677

F-PLACE1004316//H.sapiens mRNA for apoptosis specific protein//9.3e-152:797:94//Hs.11171:Y11588

F-PLACE1004336

10 F-PLACE1004358//Homo sapiens connector enhancer of KSR-like protein CNK1 mRNA, complete cds//1.9e-140:688:97//Hs.16232:AF100153

F-PLACE1004376//ESTs, Weakly similar to F27D4.4 [C.elegans]//3.9e-109:521:98//Hs.14079:AA306552

F-PLACE1004384//Human HsLIM15 mRNA for HsLim15, complete cds//2.0e-49:466:76//Hs.37181:D64108

F-PLACE1004388

15 F-PLACE1004405//EST//0.010:191:64//Hs.147600:AI217871

F-PLACE1004425//ESTs//2.1e-20:124:80//Hs.94195:W03579

F-PLACE1004428//H.sapiens mRNA for Branched chain Acyl-CoA Oxidase//1.0:552:58//Hs.9795:X95190

F-PLACE1004437//Human NAD+-specific isocitrate dehydrogenase beta subunit precursor, mRNA, nuclear gene encoding mitochondrial protein, complete cds//9.9e-131:536:99//Hs.155410:U49283

20 F-PLACE1004451//ESTs//5.9e-18:203:73//Hs.156097:AI348867

F-PLACE1004460

F-PLACE1004467//ESTs//8.0e-17:345:66//Hs.112993:AA824363

F-PLACE1004471//EST//9.3e-69:463:84//Hs.116391:AA644085

F-PLACE1004473//ESTs//0.93:358:58//Hs.33263:AA724416

25 F-PLACE1004491//EST//2.5e-58:285:99//Hs.97603:AA398163

F-PLACE1004506//CD81 ANTIGEN//7.2e-06:228:63//Hs.54457:M33680

F-PLACE1004510//Homo sapiens cofactor of initiator function (CIF150) mRNA, complete cds//2.5e-147:699:97//Hs.122752:AF026445

F-PLACE1004516//EST//1.0e-26:343:71//Hs.142595:N24150

30 F-PLACE1004518

F-PLACE1004548//EST//0.84:193:62//Hs.99583:AA461314

F-PLACE1004550//ESTs, Weakly similar to No definition line found [C.elegans]//4.0e-120:627:94//Hs.107387:AA058854

F-PLACE1004564//EST//1.0:240:62//Hs.16824:T91371

35 F-PLACE1004629//Centromere protein B (80kD)//0.0015:242:64//Hs.85004:X05299

F-PLACE1004645

F-PLACE1004646//Retinal pigment epithelium-specific protein (65kD)//1.4e-12:386:63//Hs.2133:U18991

F-PLACE1004658//ESTs//0.52:273:61//Hs.97252:AA291590

F-PLACE1004664

40 F-PLACE1004672//Human ABL gene, exon 1b and intron 1b, and putative M8604 Met protein (M8604 Met) gene//1.5e-66:357:95//Hs.77705:U07563

F-PLACE1004674//Homo sapiens calcium binding protein (ALG-2) mRNA, complete cds//1.4e-110:625:91//Hs.80019:AF035606

F-PLACE1004681//EST//0.00092:303:61//Hs.149560:AI281589

45 F-PLACE1004686//ESTs//3.0e-31:186:76//Hs.139130:AA704561

F-PLACE1004691//Homo sapiens clone 23963 mRNA sequence//0.54:242:61//Hs.48483:AF007131

F-PLACE1004693//ESTs, Weakly similar to pot. ORF III [H.sapiens]//0.56:96:71//Hs.125740:AA884845

F-PLACE1004716//ESTs//2.0e-79:388:98//Hs.150999:AI306542

F-PLACE1004722//ESTs//7.5e-06:105:72//Hs.128796:AA485891

50 F-PLACE1004736//ESTs//1.7e-27:203:86//Hs.119593:AA700148

F-PLACE1004740//ESTs//1.0e-25:174:89//Hs.29696:AA910680

F-PLACE1004743

F-PLACE1004751//ESTs, Highly similar to CMP-N-ACETYLNEURAMINATE-BETA-1,4-GALACTOSIDE ALPHA-2,3-SIALYLTRANSFERASE [Rattus norvegicus]//2.0e-41:260:90//Hs.6863:W52470

55 F-PLACE1004773//Homo sapiens inversin protein mRNA, complete cds//1.7e-172:828:97//Hs.104715:AF084367

F-PLACE1004777//Human myosin IXb mRNA, complete cds//1.0e-29:556:63//Hs.159629:U42391

F-PLACE1004793

F-PLACE1004804

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F-PLACE1004813//EST//2.8e-42:296:83//Hs.155725:AI310340
 F-PLACE1004814//ESTs, Weakly similar to U1 SMALL NUCLEAR RIBONUCLEOPROTEIN 70 KD [Xenopus lae-
 vis]/2.4e-78:415:95//Hs.80965:AA493284
 F-PLACE1004815//Human mRNA for KIAA0364 gene, complete cds//4.3e-14:294:69//Hs.22111:AB002362
 5 F-PLACE1004824//ESTs//0.0072:128:69//Hs.164062:AA934047
 F-PLACE1004827//ESTs//0.78:38:100//Hs.18925:W30943
 F-PLACE1004836//Homo sapiens Notch3 (NOTCH3) mRNA, complete cds//0.78:338:57//Hs.8546:U97669
 F-PLACE1004838
 F-PLACE1004840//Protein phosphatase 1, catalytic subunit, beta isoform//0.89:200:66//Hs.21537:X80910
 10 F-PLACE1004868
 F-PLACE1004885//ESTs//0.41:181:61//Hs.116796:AA633772
 F-PLACE1004900
 F-PLACE1004902//ESTs//4.7e-72:367:96//Hs.54971:AI424382
 F-PLACE1004913//ESTs//0.031:166:63//Hs.130110:AA904929
 15 F-PLACE1004918//Human tumor susceptibility protein (TSG101) mRNA, complete cds//4.1e-24:402:64//Hs.
 118910:U82130
 F-PLACE1004930//Homo sapiens TNF-induced protein GG2-1 mRNA, complete cds//9.7e-86:519:88//Hs.17839:
 AF099936
 F-PLACE1004934//ESTs//7.2e-43:231:78//Hs.133503:AA628592
 20 F-PLACE1004937//ESTs//0.97:80:68//Hs.144264:C00851
 F-PLACE1004969
 F-PLACE1004972//Human retinoic acid- and interferon-inducible 58K protein RI58 mRNA, complete cds//0.031:
 235:60//Hs.27610:U34605
 F-PLACE1004979//Homo sapiens mRNA for KIAA0575 protein, complete cds//4.9e-43:331:83//Hs.153468:
 25 AB011147
 F-PLACE1004982//ESTs//0.020:148:63//Hs.129377:AI218520
 F-PLACE1004985//ESTs//7.9e-05:372:61//Hs.87606:AA242831
 F-PLACE1005026//ESTs//4.6e-29:212:89//Hs.137451:AA351459
 F-PLACE1005027//ESTs//6.5e-91:455:97//Hs.30890:H15159
 30 F-PLACE1005046//ESTs//3.7e-56:250:96//Hs.152730:AI308943
 F-PLACE1005052//EST//1.8e-36:370:73//Hs.123424:AA813594
 F-PLACE1005055//Homo sapiens mRNA for KIAA0576 protein, partial cds//6.2e-161:761:98//Hs.14687:
 AB011148
 F-PLACE1005066//Homo sapiens actin binding protein MAYVEN mRNA, complete cds//3.0e-11:757:56//Hs.
 35 122967:AF059569
 F-PLACE1005077//EST//0.79:283:591//Hs.89276:AA283899
 F-PLACE1005085//ESTs//3.5e-18:231:72//Hs.142654:AA324740
 F-PLACE1005086//Homo sapiens mRNA for KIAA0575 protein, complete cds//1.9e-49:401:80//Hs.153468:
 AB011147
 40 F-PLACE1005101//Homo sapiens (clone zap128) mRNA, 3' end of cds//8.2e-20:194:80//Hs.75437:L40401
 F-PLACE1005102//Homo sapiens HIV-1 inducer of short transcripts binding protein (FBI1) mRNA, complete cds//
 8.9e-18:538:62//Hs.104640:AF000561
 F-PLACE1005108//Treacher Collins syndrome susceptibility protein//0.73:405:57//Hs.73166:U76366
 F-PLACE1005111//ESTs//0.66:191:63//Hs.106446:N93227
 45 F-PLACE1005128//Breakpoint cluster region protein BCR//5.6e-08:291:63//Hs.2557:Y00661
 F-PLACE1005146//ESTs, Weakly similar to hypothetical protein II [H.sapiens]/4.8e-12:360:63//Hs.142177:
 H11741
 F-PLACE1005162//Human mRNA for KIAA0118 gene, partial cds//3.9e-49:563:72//Hs.154326:D42087
 F-PLACE1005176//Homo sapiens mRNA for KIAA0641 protein, complete cds//0.82:259:60//Hs.128316:
 50 AB014541
 F-PLACE1005181//ESTs, Weakly similar to No definition line found [C.elegans]/4.4e-126:583:99//Hs.25347:
 AI138605
 F-PLACE1005187//ESTs//6.2e-34:222:90//Hs.124265:N70417
 F-PLACE1005206//EST//0.089:167:62//Hs.140487:AA767009
 55 F-PLACE1005232//ESTs, Weakly similar to synapse-associated protein sap47-1 [D.melanogaster]/0.56:192:60//
 Hs.47334:W72370
 F-PLACE1005243
 F-PLACE1005261//ESTs//0.52:245:58//Hs.6682:T76941

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F-PLACE1005266//Kallmann syndrome 1 sequence//7.8e-06:484:60//Hs.89591:M97252
F-PLACE1005277//Homo sapiens mRNA for KIAA0610 protein, partial cds//5.1e-150:706:98//Hs.118087:AB011182
F-PLACE1005287//ESTs//8.1e-107:501:99//Hs.145703:AA447947
5 F-PLACE1005305//GTP:AMP PHOSPHOTRANSFERASE MITOCHONDRIAL//4.4e-37:597:66//Hs.101642:X60673
F-PLACE1005308//High-mobility group (nonhistone chromosomal) protein 2//0.83:239:62//Hs.80684:X62534
F-PLACE1005313
F-PLACE1005327//ESTs, Weakly similar to No definition line found [C.elegans]//6.0e-81:459:91//Hs.146177:R51650
10 F-PLACE1005331//Homo sapiens chromosome 19, cosmid F20569//3.7e-66:412:88//Hs.134031:AC004794
F-PLACE1005335//Homo sapiens mRNA for KIAA0754 protein, partial cds//0.96:510:56//Hs.159183:AB018297
F-PLACE1005373
F-PLACE1005374//ESTs//7.5e-77:437:91//Hs.143266:AI141348
15 F-PLACE1005409//ESTs//2.4e-05:267:63//Hs.163307:AA856751
F-PLACE1005453//ESTs//0.12:333:58//Hs.134672:AI087951
F-PLACE1005467//HOMEBOX/POU DOMAIN PROTEIN RDC-1//0.0043:148:67//Hs.74095:L20433
F-PLACE1005471//ESTs//3.4e-24:135:97//Hs.49275:N66925
F-PLACE1005477//Human Line-1 repeat mRNA with 2 open reading frames//3.5e-126:744:87//Hs.23094:M19503
20 F-PLACE1005480//ESTs//3.7e-26:184:70//Hs.113198:N39323
F-PLACE1005481//EST//0.27:153:64//Hs.120066:AA707973
F-PLACE1005494//ESTs//2.4e-50:257:98//Hs.159003:AA633029
F-PLACE1005502//ESTs//0.15:408:57//Hs.45106:AA504105
F-PLACE1005526//ESTs//3.2e-61:305:98//Hs.122574:AA776747
25 F-PLACE1005528//ESTs//9.9e-32:249:78//Hs.142531:N91572
F-PLACE1005530//ESTs//1.0e-94:491:95//Hs.131731:AI339335
F-PLACE1005550//ESTs//0.084:290:58//Hs.157775:AI359385
F-PLACE1005554//EST//0.38:213:58//Hs.102749:N64144
F-PLACE1005557//ESTs, Highly similar to MITOCHONDRIAL 60S RIBOSOMAL PROTEIN L2 PRECURSOR [Saccharomyces cerevisiae]//4.5e-51:258:97//Hs.7736:W81261
30 F-PLACE1005574//ESTs//3.2e-09:236:66//Hs.146884:AI160278
F-PLACE1005584//Fragile X mental retardation 2//1.2e-05:151:69//Hs.54472:U48436
F-PLACE1005595//ESTs//2.1e-98:512:95//Hs.118552:W74594
F-PLACE1005603//EST//1.0:90:66//Hs.111204:AA211851
35 F-PLACE1005611//ESTs, Weakly similar to B0035.14 [C.elegans]//3.5e-32:197:92//Hs.8241:AA283057
F-PLACE1005623//ESTs//3.0e-30:191:92//Hs.77570:N48234
F-PLACE1005630//ESTs//2.3e-32:175:97//Hs.122278:AA781867
F-PLACE1005639//ESTs//0.88:218:58//Hs.117389:AA701991
F-PLACE1005646//Homo sapiens RNA helicase-related protein mRNA, complete cds//2.1e-151:721:98//Hs.8765:AF083255
40 F-PLACE1005656//Ribonucleotide reductase M2 polypeptide//3.9e-53:480:74//Hs.75319:X59618
F-PLACE1005666//Homo sapiens mRNA for KIAA0448 protein, complete cds//0.086:223:59//Hs.27349:AB007917
F-PLACE1005698//Human membrane-associated lectin type-C mRNA//6.1e-65:374:85//Hs.23759:M98457
45 F-PLACE1005727//ESTs//8.7e-65:330:96//Hs.127027:AA935437
F-PLACE1005730//ESTs//2.9e-14:270:67//Hs.28589:AI004944
F-PLACE1005739//Homo sapiens mRNA for serin protease with IGF-binding motif, complete cds//0.75:289:59//Hs.75111:D87258
F-PLACE1005755//Insulin-like growth factor binding protein 2//3.6e-05:377:62//Hs.162:X16302
50 F-PLACE1005763//ESTs, Highly similar to S-ACYL FATTY ACID SYNTHASE THIOESTERASE, MEDIUM CHAIN [Rattus norvegicus]//5.7e-49:252:88//Hs.24309:AI125696
F-PLACE1005799//ESTs//5.2e-13:392:58//Hs.110530:AA191493
F-PLACE1005802
F-PLACE1005803
55 F-PLACE1005804//Homo sapiens alpha 1,2-mannosidase IB mRNA, complete cds//4.5e-128:636:96//Hs.125315:AF027156
F-PLACE1005813//Homo sapiens sorting nexin 2 (SNX2) mRNA, complete cds//8.4e-156:739:98//Hs.11183:AF065482

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F-PLACE1005828//ESTs, Weakly similar to !!!! ALU SUBFAMILY J WARNING ENTRY !!!! [H.sapiens]//4.1e-42:
327:81//Hs.138404:R70986
F-PLACE1005834//Retinoblastoma 1 (including osteosarcoma)//0.038:436:58//Hs.75770:L41870
F-PLACE1005845//ESTs//4.8e-50:309:89//Hs.107149:AI379497
5 F-PLACE1005850//ESTs//7.1e-40:253:79//Hs.158096:AA186905
F-PLACE1005851//ESTs//7.6e-93:483:95//Hs.135608:AA732242
F-PLACE1005876//ESTs//0.97:282:60//Hs.98664:AI381487
F-PLACE1005884//ESTs//0.070:276:60//Hs.106057:AI031552
F-PLACE1005890//ESTs//1.5e-91:500:93//Hs.136993:AA843300
10 F-PLACE1005898
F-PLACE1005921
F-PLACE1005923//ESTs//0.50:308:58//Hs.52489:R61504
F-PLACE1005925//ESTs//0.024:93:68//Hs.149868:AI288274
F-PLACE1005932//TYROSINE-PROTEIN KINASE RECEPTOR EPH PRECURSOR//0.97:342:57//Hs.89839:
15 M18391
F-PLACE1005934//ESTs//8.6e-10:74:93//Hs.25092:AA922142
F-PLACE1005936//DNA excision repair protein ERCC5//1.0:144:63//Hs.48576:X69978
F-PLACE1005951//B94 PROTEIN//0.00025:371:61//Hs.75522:M92357
F-PLACE1005953//ESTs//2.8e-06:290:61//Hs.140996:R73468
20 F-PLACE1005955//ESTs, Weakly similar to Y53C12A.3 [C.elegans]//0.15:136:66//Hs.107747:AI357868
F-PLACE1005966//Human zinc finger/leucine zipper protein (AF10) mRNA, complete cds//1.0:215:63//Hs.7885:
U13948
F-PLACE1005968
F-PLACE1005990
25 F-PLACE1006002//Putative mismatch repair/binding protein hMSH3//1.9e-48:312:77//Hs.42674:U61981
F-PLACE1006003//EST//0.00018:171:67//Hs.138882:W73256
F-PLACE1006011
F-PLACE1006017//ESTs//3.1e-21:159:88//Hs.142173:AA757743
F-PLACE1006037//Homo sapiens mRNA for KIAA0789 protein, complete cds//0.021:202:64//Hs.158319:
30 AB018332
F-PLACE1006040//Homo sapiens mRNA for alpha endosulfine//1.1e-148:719:97//Hs.98782:X99906
F-PLACE1006076//EST//0.29:92:64//Hs.161536:N80395
F-PLACE1006119//Homo sapiens Ran-GTP binding protein mRNA, partial cds//4.1e-147:679:99//Hs.4976:
AF039023
35 F-PLACE1006129
F-PLACE1006139
F-PLACE1006143//Human mRNA for KIAA0355 gene, complete cds//9.3e-43:357:79//Hs.153014:AB002353
F-PLACE1006157//ESTs, Weakly similar to ETX1 [alternatively spliced] [H.sapiens]//2.9e-12:119:84//Hs.23153:
R92857
40 F-PLACE1006159//ESTs//2.3e-87:443:96//Hs.23740:H17868
F-PLACE1006164//ESTs//0.099:223:60//Hs.8108:AA902721
F-PLACE1006167//Homo sapiens chromosome 19, cosmid F23149//1.1e-68:333:92//Hs.152894:AC005239
F-PLACE1006170//ESTs//0.081:171:67//Hs.135187:AI074005
F-PLACE1006187//Homo sapiens cyclin E2 mRNA, complete cds//1.2e-150:694:99//Hs.30464:AF091433
45 F-PLACE1006195//ESTs//8.9e-14:229:70//Hs.141470:N49608
F-PLACE1006196//ESTs, Weakly similar to protein synthesis initiation factor 4A-II homolog//3.5e-59:369:88//Hs.
135623:AA134719
F-PLACE1006205
F-PLACE1006223//ESTs, Weakly similar to TERATOCARCINOMA-DERIVED GROWTH FACTOR 1 [H.sapiens]
50 //0.0089:166:63//Hs.127179:AI279486
F-PLACE1006225
F-PLACE1006236//EST//0.060:89:69//Hs.136977:AA830668
F-PLACE1006239//ESTs//0.028:105:66//Hs.142336:AA358185
F-PLACE1006246//ESTs//0.060:330:60//Hs.105695:AI085802
55 F-PLACE1006248//Homo sapiens mRNA for KIAA0648 protein, partial cds//7.3e-168:791:98//Hs.31921:
AB014548
F-PLACE1006262
F-PLACE1006288//Homo sapiens mRNA for Pex3 protein//4.8e-37:186:100//Hs.7277:AJ001625

F-PLACE1006318
 F-PLACE1006325//ESTs//3.7e-25:206:83//Hs.102319:AI246503
 F-PLACE1006335//ESTs//2.0e-27:161:95//Hs.163529:AI361492
 F-PLACE1006357//ESTs//0.013:268:61//Hs.105775:AA526249
 5 F-PLACE1006360//ESTs//4.8e-27:146:98//Hs.100739:Z98481
 F-PLACE1006368//Homo sapiens clone 24540 mRNA sequence//0.65:272:59//Hs.153529:AF070581
 F-PLACE1006371//Homo sapiens jerky gene product homolog mRNA, complete cds//2.6e-07:403:61//Hs.105940:AF004715
 F-PLACE1006382//EST//0.98:77:68//Hs.136933:AA814693
 10 F-PLACE1006385//Homo sapiens epsin 2b mRNA, complete cds//1.6e-111:539:97//Hs.22396:AF062085
 F-PLACE1006412//Human mRNA for KIAA0298 gene, complete cds//1.0e-36:424:74//Hs.21560:AB002296
 F-PLACE1006414//Homo sapiens PCAF associated factor 65 alpha mRNA, complete cds//4.3e-111:525:98//Hs.131846:AF069735
 F-PLACE1006438//Homo sapiens mRNA for KIAA0557 protein, partial cds//2.2e-24:531:65//Hs.101414:AB011129
 15 F-PLACE1006445//Homo sapiens chromosome 16 zinc finger protein ZNF200 (ZNF200) mRNA, complete cds//1.0:248:60//Hs.88219:AF060866
 F-PLACE1006469//Human SA mRNA for SA gene product, complete cds//0.24:210:62//Hs.89659:AC004381
 F-PLACE1006470
 20 F-PLACE1006482//Homo sapiens basic-leucine zipper transcription factor MafK (MAFK) mRNA, complete cds//5.0e-46:520:71//Hs.131953:AF059194
 F-PLACE1006488//ESTs//6.2e-47:239:97//Hs.158161:AA312511
 F-PLACE1006492//ESTs//0.82:37:100//Hs.160417:AA488493
 F-PLACE1006506//HUMAN IMMUNODEFICIENCY VIRUS TYPE I ENHANCER-BINDING PROTEIN 2//0.98:505:56//Hs.75063:AL023584
 25 F-PLACE1006521//ESTs//0.032:222:63//Hs.23171:AA706542
 F-PLACE1006531//EST//2.1e-53:258:100//Hs.117316:AA699358
 F-PLACE1006534//EST//1.8e-07:78:89//Hs.157551:AI356219
 F-PLACE1006540//Homo sapiens mRNA for cadherin-6, complete cds//0.96:383:58//Hs.32963:D31784
 30 F-PLACE1006552//Human (clone N5-4) protein p84 mRNA, complete cds//0.058:464:57//Hs.1540:L36529
 F-PLACE1006598//Homo sapiens mRNA for KIAA0737 protein, complete cds//4.1e-17:372:65//Hs.17630:AB018280
 F-PLACE1006615//Homo sapiens eukaryotic translation initiation factor eIF3, p35 subunit mRNA, complete cds//2.2e-168:781:99//Hs.155377:U97670
 35 F-PLACE1006617//ESTs//6.0e-08:354:60//Hs.42624:H99088
 F-PLACE1006626//NUCLEOLIN//0.0044:186:66//Hs.79110:M60858
 F-PLACE1006629//Homo sapiens (clone s22i71) mRNA fragment//0.097:229:63//Hs.26956:L40396
 F-PLACE1006640//ESTs//0.00019:380:59//Hs.13672:AI131473
 F-PLACE1006673//ESTs, Weakly similar to T14B4.2 gene product [C.elegans]//1.6e-12:113:83//Hs.3385:N25917
 40 F-PLACE1006678
 F-PLACE1006704//Homo sapiens ALR mRNA, complete cds//0.16:284:60//Hs.153638:AF010403
 F-PLACE1006731//Homo sapiens SOX22 protein (SOX22) mRNA, complete cds//1.6e-05:382:63//Hs.43627:U35612
 F-PLACE1006754//Biliary glycoprotein//8.9e-27:305:72//Hs.50964:X16354
 45 F-PLACE1006760//ESTs//0.10:207:62//Hs.152589:AA954152
 F-PLACE1006779//Kallmann syndrome 1 sequence//0.00025:251:64//Hs.89591:M97252
 F-PLACE1006782//ESTs//1.2e-90:423:100//Hs.132826:AI075783
 F-PLACE1006792//ESTs//1.5e-10:439:58//Hs.138501:AI051228
 F-PLACE1006795//TYROSINE-PROTEIN KINASE RECEPTOR ETK1 PRECURSOR//4.5e-10:84:95//Hs.123642:M83941
 50 F-PLACE1006800//ESTs//0.00068:360:61//Hs.157876:AI422017
 F-PLACE1006805//ESTs//4.6e-103:491:98//Hs.140465:AA769892
 F-PLACE1006815//Homo sapiens mRNA for KIAA0618 protein, complete cds//0.47:403:56//Hs.15832:AB014518
 F-PLACE1006819//Human Line-1 repeat mRNA with 2 open reading frames//3.7e-103:619:87//Hs.23094:M19503
 55 F-PLACE1006829//ESTs//1.5e-22:141:94//Hs.142988:AA142876
 F-PLACE1006860//EST//0.0062:206:65//Hs.158793:AI376773
 F-PLACE1006867//ESTs//0.068:218:62//Hs.91166:AA551273
 F-PLACE1006878//Homo sapiens mRNA for KIAA0711 protein, complete cds//1.0:268:58//Hs.5333:AB018254

- F-PLACE1006883//ESTs//1.6e-75:398:94//Hs.119544:T95601
 F-PLACE1006901//ESTs//1.9e-13:87:96//Hs.134737:AI089187
 F-PLACE1006904//EST//1.0:91:70//Hs.148270:AA906443
 F-PLACE1006917
 5 F-PLACE1006932//ESTs//0.98:110:70//Hs.100855:AI423913
 F-PLACE1006935//EST//1.0:92:65//Hs.124554:AA847211
 F-PLACE1006956//PERIPHERIN//0.13:443:57//Hs.37044:L14565
 F-PLACE1006958//Heat shock 70kD protein 4//6.4e-40:456:70//Hs.127:L12723
 F-PLACE1006961//ESTs, Highly similar to RSP5 PROTEIN [Saccharomyces cerevisiae]/3.2e-07:67:98//Hs.
 10 21806:AA630312
 F-PLACE1006962//H.sapiens ir1B mRNA//2.3e-16:202:71//Hs.135202:X63417
 F-PLACE1006966//Homo sapiens syntaxin 4 binding protein UNC-18c (UNC-18c) mRNA, complete cds//0.14:
 191:67//Hs.8813:AF032922
 F-PLACE1006989//Cyclin B1//0.99:224:59//Hs.23960:M25753
 15 F-PLACE1007014//Homo sapiens NBMPR-insensitive nucleoside transporter ei (ENT2) mRNA, complete cds//
 3.1e-05:594:58//Hs.32951:AF034102
 F-PLACE1007021//ESTs//7.2e-89:446:96//Hs.7111:U55971
 F-PLACE1007045//Human Line-1 repeat mRNA with 2 open reading frames//1.0e-117:775:84//Hs.23094:M19503
 F-PLACE1007053//Homo sapiens mRNA for ARNO3 protein//0.35:63:82//Hs.129811:AJ223957
 20 F-PLACE1007068//Polycystic kidney disease 1 (autosomal dominant)//0.22:361:60//Hs.75813:L33243
 F-PLACE1007097//ESTs//2.9e-25:197:83//Hs.105665:H78987
 F-PLACE1007105//Amylo-1,6-glucosidase, 4-alpha-glucanotransferase (glycogen debranching enzyme, glyco-
 gen storage disease type III)//0.18:268:63//Hs.904:U84010
 F-PLACE1007111//EST//0.0066:260:60//Hs.147903:AI223385
 25 F-PLACE1007112
 F-PLACE1007132//ESTs//3.1e-30:195:76//Hs.46158:AI160121
 F-PLACE1007140//TRANSCRIPTION ELONGATION FACTOR S-II//0.13:302:60//Hs.78869:M81601
 F-PLACE1007178//ESTs//9.6e-54:289:95//Hs.12251:H12965
 F-PLACE1007226//Homo sapiens Notch3 (NOTCH3) mRNA, complete cds//0.00090:412:59//Hs.8546:U97669
 30 F-PLACE1007238//Human plectin (PLEC1) mRNA, complete cds//1.4e-07:492:64//Hs.79706:U53204
 F-PLACE1007239//Human mRNA for transcription elongation factor S-II, hS-II-T1, complete cds//2.0e-58:405:87//
 Hs.80598:D50495
 F-PLACE1007242//EST//0.014:55:89//Hs.88432:AA262141
 F-PLACE1007243//ESTs//2.0e-43:227:97//Hs.124775:AA648467
 35 F-PLACE1007257//Homo sapiens mRNA for dia-156 protein//3.7e-144:677:98//Hs.121556:Y15909
 F-PLACE1007274
 F-PLACE1007276//ATPase, Cu++ transporting, alpha polypeptide (Menkes syndrome)//0.94:167:64//Hs.606:
 L06133
 F-PLACE1007282
 40 F-PLACE1007286//ESTs//1.0e-25:333:71//Hs.134860:AI091436
 F-PLACE1007301//EST//0.78:171:61//Hs.160990:H52412
 F-PLACE1007317//Homo sapiens oxysterol 7alpha-hydroxylase (CYP7b1) mRNA, complete cds//0.88:298:58//
 Hs.144877:AF029403
 F-PLACE1007342
 45 F-PLACE1007346//Homo sapiens estrogen-responsive B box protein (EBBP) mRNA, complete cds//1.7e-121:
 567:98//Hs.76596:AF096870
 F-PLACE1007367//H.sapiens mRNA for MACH-alpha-2 protein//2.2e-55:532:77//Hs.19949:X98173
 F-PLACE1007375
 F-PLACE1007386//ESTs//0.00066:61:91//Hs.149318:AI248642
 50 F-PLACE1007402//EST//1.7e-06:193:65//Hs.132124:AI041287
 F-PLACE1007409//Homo sapiens mitoxantrone resistance protein 1 mRNA, partial sequence//3.8e-18:128:92//
 Hs.14387:AF093771
 F-PLACE1007416
 F-PLACE1007450//ESTs//2.6e-36:194:97//Hs.22359:AI024436
 55 F-PLACE1007452//EST//1.8e-34:197:94//Hs.134795:AI090359
 F-PLACE1007454//Homo sapiens (clone s153) mRNA fragment//2.6e-53:317:93//Hs.6445:L40391
 F-PLACE1007460//ESTs//0.0012:168:64//Hs.151708:AA554714
 F-PLACE1007478//ESTs//1.0e-42:440:74//Hs.141722:AA769103

F-PLACE1007484//ESTs//7.1e-18:127:91//Hs.100251:AA535975
 F-PLACE1007488
 F-PLACE1007507//ESTs//1.2e-99:274:98//Hs.123462:AA903385
 F-PLACE1007511//Keratin 19//4.2e-31:586:64//Hs.23761:Y00503
 5 F-PLACE1007524//ESTs//6.8e-71:356:97//Hs.163067:AA897296
 F-PLACE1007525//ESTs//0.073:242:59//Hs.128711:AA856979
 F-PLACE1007537//Homo sapiens PYRIN (MEFV) mRNA, complete cds//0.93:468:57//Hs.113283:AF018080
 F-PLACE1007544//ESTs//1.7e-74:360:98//Hs.128632:AI076755
 F-PLACE1007547//Homo sapiens mRNA for KIAA0661 protein, complete cds//1.0e-70:733:71//Hs.65238:
 10 AB014561
 F-PLACE1007557//EST//0.58:80:72//Hs.130267:AI001863
 F-PLACE1007583//ESTs//1.8e-46:234:98//Hs.155071:AA584257
 F-PLACE1007598//ESTs//1.7e-83:400:99//Hs.120206:AI089163
 F-PLACE1007618//Homo sapiens mRNA for KIAA0633 protein, partial cds//7.2e-12:778:56//Hs.33010:AB014533
 15 F-PLACE1007621
 F-PLACE1007632//ESTs//1.7e-32:175:97//Hs.122278:AA781867
 F-PLACE1007645
 F-PLACE1007649
 F-PLACE1007677//ESTs//3.0e-13:125:82//Hs.143382:AA476266
 20 F-PLACE1007688//ESTs//6.8e-06:311:61//Hs.132926:AI027055
 F-PLACE1007690//ESTs//1.9e-13:83:98//Hs.150088:AI348503
 F-PLACE1007697//TRANSFORMING GROWTH FACTOR BETA 1 PRECURSOR//0.99:216:63//Hs.1103:X02812
 F-PLACE1007705//Human mRNA for RTP, complete cds//4.8e-58:637:70//Hs.75789:D87953
 F-PLACE1007706//Homo sapiens metalloprotease 1 (MP1) mRNA, complete cds//4.1e-149:709:97//Hs.4812:
 25 AF061243
 F-PLACE1007725//ESTs, Weakly similar to No definition line found [C.elegans]//4.5e-36:233:89//Hs.108797:
 AA476815
 F-PLACE1007729//ESTs, Moderately similar to RETRO VIRUS-RELATED PROTEASE [H.sapiens]//0.00033:270:
 64//Hs.104129:AA923278
 30 F-PLACE1007730//Homo sapiens mRNA for KIAA0685 protein, complete cds//2.6e-156:728:98//Hs.153121:
 AB014585
 F-PLACE1007737//Coagulation factor II (thrombin) receptor//1.1e-18:364:68//Hs.159347:M62424
 F-PLACE1007743//ESTs//0.029:421:58//Hs.106090:AA457030
 F-PLACE1007746//ESTs//6.7e-55:330:89//Hs.153392:AI089469
 35 F-PLACE1007791//EST//0.39:261:62//Hs.145991:AI277656
 F-PLACE1007807//ESTs//2.0e-54:385:83//Hs.163930:AA640504
 F-PLACE1007810//ESTs//6.1e-53:416:81//Hs.152395:AA533107
 F-PLACE1007829//EST//0.28:271:61//Hs.125514:AA883841
 F-PLACE1007843//EST//0.020:307:59//Hs.145535:AI261635
 40 F-PLACE1007846//Human Line-1 repeat mRNA with 2 open reading frames//6.3e-38:396:77//Hs.23094:M19503
 F-PLACE1007852
 F-PLACE1007858//Homo sapiens mRNA for KIAA0766 protein, complete cds//1.3e-190:894:98//Hs.28020:
 AB018309
 F-PLACE1007866//ESTs//3.0e-50:333:86//Hs.15792:AI038387
 45 F-PLACE1007877
 F-PLACE1007897//EST//1.0:59:72//Hs.138770:N70943
 F-PLACE1007908//Homo sapiens mRNA, chromosome 1 specific transcript KIAA0487//7.3e-156:755:97//Hs.
 92381:AB007956
 F-PLACE1007946//ESTs//8.9e-16:250:68//Hs.88527:N24002
 50 F-PLACE1007954//ESTs//1.6e-05:76:90//Hs.63314:AA056538
 F-PLACE1007955//Homo sapiens cyclin-D binding Myb-like protein mRNA, complete cds//8.9e-173:813:98//Hs.
 5671:AF084530
 F-PLACE1007958//Homo sapiens cAMP-specific phosphodiesterase 8B (PDE8B) mRNA, partial cds//8.2e-155:
 730:98//Hs.78106:AF079529
 55 F-PLACE1007969//ESTs, Weakly similar to hnRNA-binding protein M4 [H.sapiens]//5.1e-45:264:92//Hs.42222:
 W28567
 F-PLACE1007990//ESTs//1.2e-104:493:99//Hs.118445:AI097043
 F-PLACE1008000//Homo sapiens vcl 1 mRNA, complete cds//5.7e-63:578:74//Hs.150380:AF087693

- F-PLACE1008002//ESTs//0.52:236:59//Hs.134292:AA603031
 F-PLACE1008044
 F-PLACE1008045//COL10A1//0.29:221:58//Hs.37075:X60382
 F-PLACE1008080//Human homeodomain protein (Prox 1) mRNA, complete cds//0.00037:151:71//Hs.159437:
 5 U44060
 F-PLACE1008095//Human hybrid receptor gp250 precursor mRNA, complete cds//1.0:461:58//Hs.155494:
 U60975
 F-PLACE1008111//Homo sapiens B lymphocyte chemoattractant BLC mRNA, complete cds//0.034:497:58//Hs.
 100431:AF044197
 F-PLACE1008122//ESTs//0.95:198:60//Hs.126776:N28769
 F-PLACE1008129//ESTs//1.1e-99:499:96//Hs.131807:AA778874
 F-PLACE1008132//EST//3.3e-27:218:83//Hs.145258:AI218683
 F-PLACE1008177//ESTs, Moderately similar to meiosis-specific nuclear structural protein 1 [M.musculus]//5.1e-
 20:124:95//Hs.146238:AI263135
 F-PLACE1008181//ESTs//0.018:285:61//Hs.88843:AA281427
 F-PLACE1008198//ESTs//5.9e-07:410:60//Hs.63348:AA643524
 F-PLACE1008201
 F-PLACE1008209
 F-PLACE1008231//ESTs//0.40:188:61//Hs.130266:AI001856
 F-PLACE1008244//Miller-Dieker syndrome chromosome region//0.22:247:61//Hs.77318:L13385
 F-PLACE1008273
 F-PLACE1008275//EST//0.77:74:71//Hs.145907:AI275113
 F-PLACE1008280//Homo sapiens mRNA, chromosome 1 specific transcript KIAA0501//2.6e-25:389:70//Hs.
 159897:AB007970
 F-PLACE1008309//Homo sapiens serine phosphatase FCP1a (FCP1) mRNA, complete cds//0.16:263:63//Hs.
 25 4076:AF081287
 F-PLACE1008329//EST//1.3e-09:94:85//Hs.144135:R82071
 F-PLACE1008330//Homo sapiens mRNA for KIAA0557 protein, partial cds//1.5e-45:291:83//Hs.101414:
 AB011129
 F-PLACE1008331//ESTs, Weakly similar to ORF2-like protein [H.sapiens]//5.4e-74:356:98//Hs.105382:AA496362
 F-PLACE1008356//Homo sapiens mRNA for KIAA0679 protein, partial cds//3.4e-139:659:98//Hs.5734:AB014579
 F-PLACE1008368//Homo sapiens actin binding protein MAYVEN mRNA, complete cds//0.011:355:60//Hs.122967:
 AF059569
 F-PLACE1008369//ESTs//0.00074:443:61//Hs.102756:AA526911
 F-PLACE1008392//EST//7.4e-08:324:60//Hs.149930:AI289171
 F-PLACE1008398
 F-PLACE1008401//Homo sapiens methyl-CpG binding protein MBD2 (MBD2) mRNA, complete cds//2.5e-09:461:
 62//Hs.25674:AF072242
 F-PLACE1008402//Homo sapiens mRNA for p115, complete cds//1.4e-149:711:98//Hs.7763:D86326
 F-PLACE1008405//ESTs//2.8e-102:529:95//Hs.116278:AA628943
 F-PLACE1008424//Human DNA sequence from clone 753P9 on chromosome Xq25-26.1. Contains the gene cod-
 ing for Aminopeptidase P (EC 3.4.11.9, XAA-Pro/X-Pro/Proline/Aminoacylproline Aminopeptidase) and a novel
 gene. Contains ESTs, STSs, GSSs and a gaaa repeat polymorphism//0.98:113:67//Hs.57922:AL023653
 F-PLACE1008426//ESTs//3.2e-77:393:95//Hs.37585:W28499
 F-PLACE1008429//Orf1 5' to PD-ECGF/TP...orf2 5' to PD-ECGF/TP [human, epidermoid carcinoma cell line A431,
 45 mRNA, 3 genes, 1718 nt]//0.019:530:58//Hs.72248:S72487
 F-PLACE1008437
 F-PLACE1008455//ESTs//0.51:279:61//Hs.122319:AA782335
 F-PLACE1008457//ESTs//3.0e-30:229:75//Hs.60740:AA053901
 F-PLACE1008465//Human mRNA for KIAA0383 gene, partial cds//0.0084:210:63//Hs.27590:AB002381
 F-PLACE1008488//Human density enhanced phosphatase-1 mRNA, complete cds//6.8e-07:469:60//Hs.1177:
 U10886
 F-PLACE1008524//Homo sapiens TWIK-related acid-sensitive K⁺ channel (TASK) mRNA, complete cds//1.0:304:
 60//Hs.24040:AF006823
 F-PLACE1008531//ESTs//1.1e-17:190:76//Hs.156041:AI274697
 F-PLACE1008532//Thromboxane A2 receptor//5.6e-17:231:71//Hs.89887:D38081
 F-PLACE1008533//Homo sapiens PAC clone DJ130H16 from 22q12.1-qter//1.1e-45:507:71//Hs.8003:AC004997
 F-PLACE1008568//Homo sapiens mRNA for neuronatin alpha, complete cds//1.0:95:71//Hs.117546:U31767

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F-PLACE1008584//ESTs//1.4e-13:252:68//Hs.153429:AI283069
 F-PLACE1008603//Homo sapiens mRNA for KIAA0791 protein, complete cds//3.9e-175:812:98//Hs.23255:AB018334
 F-PLACE1008621//ESTs, Weakly similar to reverse transcriptase [H.sapiens]//1.2e-15:350:66//Hs.151087:AA649326
 5 F-PLACE1008625//ESTs//0.86:269:57//Hs.94998:N26794
 F-PLACE1008626//ESTs//0.55:69:71//Hs.92096:F10560
 F-PLACE1008627//ESTs//3.0e-62:302:99//Hs.120766:H82458
 F-PLACE1008629//EST//0.0012:174:67//Hs.121195:AA757211
 10 F-PLACE1008630//ESTs//4.5e-77:371:99//Hs.132960:AA252394
 F-PLACE1008643//Human mRNA for PK-120//4.7e-25:299:64//Hs.76415:D38535
 F-PLACE1008650//Homo sapiens pleiotropic regulator 1 (PLRG1) mRNA, complete cds//3.5e-135:622:99//Hs.147967:AF044333
 F-PLACE1008693//EST//0.19:36:94//Hs.138817:N93728
 15 F-PLACE1008696//Human mitochondrial NADH dehydrogenase-ubiquinone Fe-S protein 8, 23 kDa subunit precursor (NDUFS8) nuclear mRNA encoding mitochondrial protein, complete cds//8.3e-25:137:97//Hs.90443:AF038406
 F-PLACE1008715//Homo sapiens mRNA for matrilin-3//0.99:183:63//Hs.119534:AJ224741
 F-PLACE1008748//ESTs//0.88:204:63//Hs.15139:AA527080
 20 F-PLACE1008757//ESTs, Weakly similar to unknown protein [R.norvegicus]//4.3e-17:285:69//Hs.35460:H65503
 F-PLACE1008790//Homo sapiens importin alpha 7 subunit mRNA, complete cds//1.4e-121:503:97//Hs.6458:AF060543
 F-PLACE1008798//ESTs, Weakly similar to putative p150 [H.sapiens]//0.30:127:68//Hs.111380:AA258772
 F-PLACE1008807//ESTs//0.81:346:58//Hs.116901:AA663542
 25 F-PLACE1008808//Homo sapiens putative checkpoint control protein HRAD1 mRNA, complete cds//6.7e-104:376:98//Hs.7179:AF011905
 F-PLACE1008813//Glutamate decarboxylase 1 (brain, 67kD)//0.17:318:61//Hs.75668:M81883
 F-PLACE1008851//ESTs, Highly similar to CELL DIVISION CONTROL PROTEIN 2 HOMOLOG [Plasmodium falciparum (isolate k1 / thailand)]//0.73:354:59//Hs.26322:AA156858
 30 F-PLACE1008854//ESTs//3.0e-26:391:66//Hs.133260:AI052728
 F-PLACE1008867//ESTs//5.9e-08:64:93//Hs.91115:AI221563
 F-PLACE1008887//Human Line-1 repeat mRNA with 2 open reading frames//5.5e-51:701:68//Hs.23094:M19503
 F-PLACE1008902//EST//0.85:425:60//Hs.140573:AA826323
 F-PLACE1008920//Homo sapiens mRNA for KIAA0765 protein, partial cds//2.1e-159:753:98//Hs.62318:AB018308
 35 F-PLACE1008925//ESTs//0.025:133:67//Hs.103218:W84771
 F-PLACE1008934//ESTs//0.27:307:59//Hs.135168:AI394026
 F-PLACE1008941//ESTs//3.3e-53:266:98//Hs.108677:AA488937
 F-PLACE1008947//Human TBP-associated factor (hTAFII130) mRNA, partial cds//2.4e-13:625:58//Hs.24644:U75308
 40 F-PLACE1009020//ESTs//3.3e-11:122:81//Hs.131777:AI024950
 F-PLACE1009027//Homo sapiens mRNA for doublecortin//1.2e-151:763:96//Hs.34780:AJ003112
 F-PLACE1009039//EST//0.76:111:63//Hs.160997:H55762
 F-PLACE1009045//ESTs//2.2e-76:399:95//Hs.114919:AA457689
 45 F-PLACE1009048//GLYCOPROTEIN HORMONES ALPHA CHAIN PRECURSOR//2.6e-16:93:100//Hs.119689:S70585
 F-PLACE1009050//ESTs//1.4e-92:451:98//Hs.66373:AI239698
 F-PLACE1009060//ESTs//1.4e-14:86:100//Hs.131725:AI090525
 F-PLACE1009090//ESTs//2.7e-20:198:78//Hs.110044:AA181800
 50 F-PLACE1009091//ESTs//0.99:342:57//Hs.46903:AI093091
 F-PLACE1009094//ESTs//1.0:225:63//Hs.120374:AI337031
 F-PLACE1009099//H.sapiens ZNF81 gene//2.2e-79:733:74//Hs.104020:X68011
 F-PLACE1009110//ESTs//2.6e-91:453:96//Hs.143756:AI040890
 F-PLACE1009111//ESTs//2.7e-15:159:77//Hs.146811:AA410788
 55 F-PLACE1009113//Homo sapiens X-ray repair cross-complementing protein 3 (XRCC3) mRNA, complete cds//1.1e-139:671:97//Hs.99742:AF035586
 F-PLACE1009130//Human mRNA for KIAA0032 gene, complete cds//1.1e-24:718:59//Hs.35804:D25215
 F-PLACE1009150//Human HsLIM15 mRNA for HsLIM15, complete cds//1.7e-50:440:78//Hs.37181:D64108

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F-PLACE1009155//Homo sapiens mRNA, chromosome 1 specific transcript KIAA0484//4.0e-46:440:69//Hs.158095:AB007953
F-PLACE1009158//Human growth/differentiation factor 1 (GDF-1) mRNA, complete cds//0.28:245:61//Hs.92614:M62302
5 F-PLACE1009166//EST//0.98:114:67//Hs.137706:AA977250
F-PLACE1009172//EST//6.2e-34:257:84//Hs.161081:N22770
F-PLACE1009174//ESTs//6.0e-24:234:77//Hs.155196:AI282821
F-PLACE1009183//EST//0.021:261:62//Hs.144222:N90100
F-PLACE1009186//ESTs, Weakly similar to No definition line found [C.elegans]//3.6e-117:588:95//Hs.54943:
10 Z78396
F-PLACE1009190//EST//0.046:95:70//Hs.131646:AI025689
F-PLACE1009200//EST//2.5e-41:195:78//Hs.162404:AA573131
F-PLACE1009230//CARCINOEMBRYONIC ANTIGEN PRECURSOR//5.3e-29:157:77//Hs.146403:M29540
F-PLACE1009246//EST//0.13:178:62//Hs.23298:R22575
15 F-PLACE1009298//ESTs, Highly similar to VACUOLAR SORTING PROTEIN 35 [Saccharomyces cerevisiae]//1.9e-21:121:98//Hs.124768:AA307735
F-PLACE1009308//SERUM PROTEIN MSE55//0.44:195:62//Hs.148101:M88338
F-PLACE1009319//Homo sapiens post-synaptic density protein 95 (PSD95) mRNA, complete cds//9.7e-08:411:59//Hs.23731:U83192
20 F-PLACE1009328//Human Line-1 repeat mRNA with 2 open reading frames//2.3e-91:594:86//Hs.23094:M19503
F-PLACE1009335//EST//0.037:169:63//Hs.148875:AI240767
F-PLACE1009338//ESTs//5.7e-22:123:98//Hs.66783:AA059473
F-PLACE1009368
F-PLACE1009375
25 F-PLACE1009388//Homo sapiens KIAA0395 mRNA, partial cds//1.7e-41:317:81//Hs.43681:AL022394
F-PLACE1009398//Zinc finger protein 84 (HPF2)//1.4e-79:730:74//Hs.9450:M27878
F-PLACE1009404//MICROTUBULE-ASSOCIATED PROTEIN TAU//0.099:207:61//Hs.101174:AF047863
F-PLACE1009410//Homo sapiens BAF57 (BAF57) gene, complete cds//1.4e-27:210:86//Hs.3404:AF035262
F-PLACE1009434//Human mRNA for KIAA0005 gene, complete cds//2.8e-45:599:68//Hs.155291:D13630
30 F-PLACE1009443//H.sapiens 5T4 gene for 5T4 Oncofetal antigen//0.11:350:58//Hs.82128:AJ012159
F-PLACE1009444//PHOSPHATIDYLINOSITOL 4-KINASE ALPHA//1.5e-22:146:93//Hs.76987:AF012872
F-PLACE1009459//H.sapiens garp gene mRNA, complete CDS//1.0:241:60//Hs.151641:Z24680
F-PLACE1009468//1-PHOSPHATIDYLINOSITOL-4,5-BISPHOSPHATE PHOSPHODIESTERASE BETA 2//0.00039:347:60//Hs.994:M95678
35 F-PLACE1009476//Homo sapiens Chromosome 16 BAC clone CIT987SK-A-67A//4.1e-91:464:96//Hs.155049:AC004531
F-PLACE1009477//ESTs//0.30:221:61//Hs.107287:AI308839
F-PLACE1009493//Homo sapiens mRNA for LAK-4p, complete cds//1.6e-30:608:63//Hs.16165:AB002405
F-PLACE1009524//Human Sec7p-like protein mRNA, partial cds//2.3e-68:526:78//Hs.8517:U70728
40 F-PLACE1009539//ESTs//3.3e-18:186:83//Hs.71922:AA148417
F-PLACE1009542//EST//7.8e-11:265:65//Hs.159692:AI416956
F-PLACE1009571//ESTs//6.1e-15:94:97//Hs.151458:AA600866
F-PLACE1009581//Microtubule-associated protein 1A//1.0:196:59//Hs.147918:U38291
F-PLACE1009595//EST//1.8e-28:179:92//Hs.60090:AA004806
45 F-PLACE1009596//ESTs, Weakly similar to LIS-1 protein [H.sapiens]//4.1e-16:281:66//Hs.13889:AI341394
F-PLACE1009607//Homo sapiens PYRIN (MEFV) mRNA, complete cds//4.9e-52:313:79//Hs.113283:AF018080
F-PLACE1009613//ESTs//0.50:297:60//Hs.25114:AI074011
F-PLACE1009621//ESTs//1.4e-98:470:98//Hs.124695:AI094085
F-PLACE1009622//ESTs//9.8e-14:94:93//Hs.117227:AA682773
50 F-PLACE1009637//ESTs//4.9e-92:440:98//Hs.126587:AA917087
F-PLACE1009639
F-PLACE1009659//Homo sapiens mRNA for KIAA0587 protein, complete cds//4.4e-173:816:98//Hs.21862:AB011159
F-PLACE1009665//ESTs//9.1e-45:383:79//Hs.61199:AA024494
55 F-PLACE1009670//Homo sapiens genethonin 1 mRNA, complete cds//8.1e-149:701:98//Hs.109590:AF062534
F-PLACE1009708//ESTs, Weakly similar to HYPOTHETICAL TRP-ASP REPEATS CONTAINING PROTEIN IN HXT14-PHA2 INTERGENIC REGION [S.cerevisiae]//7.5e-51:295:92//Hs.48541:AA827926
F-PLACE1009721//EST//0.18:467:58//Hs.124358:AA830650

- F-PLACE1009731//ESTs//1.0:207:63//Hs.60440:AA195789
 F-PLACE1009763//Homo sapiens UBA3 (UBA3) mRNA, complete cds//1.3e-126:602:98//Hs.154320:AF046024
 F-PLACE1009794//ESTs//4.0e-41:252:91//Hs.42927:N20989
 F-PLACE1009798//Human DNA sequence from clone 1189B24 on chromosome Xq25-26.3. Contains NADH-Ubi-
 5 quinone Oxidoreductase MLRQ subunit (EC 1.6.5.3, EC 1.6.99.3, CI-MLRQ), Tubulin Beta and Proto-oncogene
 Tyrosine-protein Kinase FER (EC 2.7.1.112, P94-FER, C-FER, TYK3) pseudogenes, and part of a novel gene
 similar to hypothetical proteins S. pombe C22F3.14C and C. elegans C16A3.8. Contains ESTs and GSSs//5.5e-
 130:600:95//Hs.16411:AL030996
 F-PLACE1009845
 10 F-PLACE1009861
 F-PLACE1009879//ESTs//6.3e-12:293:66//Hs.147071:AI200021
 F-PLACE1009886
 F-PLACE1009888//EST//0.044:255:58//Hs.160695:AI282889
 F-PLACE1009908
 15 F-PLACE1009921//Apoptosis (APO-1) antigen 1//0.62:407:57//Hs.82359:X63717
 F-PLACE1009924//EST//2.9e-29:155:99//Hs.162937:AA634379
 F-PLACE1009925
 F-PLACE1009935//CATHEPSIN K PRECURSOR//0.43:153:66//Hs.83942:X82153
 F-PLACE1009947//ESTs//1.8e-07:56:100//Hs.149940:AI306446
 20 F-PLACE1009971//Acyl-Coenzyme A dehydrogenase, C-2 to C-3 short chain//0.89:243:61//Hs.127610:Z80345
 F-PLACE1009992//ESTs//0.99:123:68//Hs.91202:AI139114
 F-PLACE1009995//ESTs, Weakly similar to C01A2.4 [C.elegans]//3.3e-24:174:88//Hs.11449:AI201540
 F-PLACE1009997//Homo sapiens mRNA for KIAA0629 protein, partial cds//3.7e-36:196:96//Hs.153545:
 AB014529
 25 F-PLACE1010023
 F-PLACE1010031//ESTs//1.3e-16:132:87//Hs.46847:W02878
 F-PLACE1010053//ESTs, Moderately similar to M-phase phosphoprotein 4 [H.sapiens]//5.2e-63:312:98//Hs.
 142151:AA984061
 F-PLACE1010069//ESTs//6.6e-33:171:98//Hs.128844:AA977596
 30 F-PLACE1010074//Homo sapiens sorting nexin 2 (SNX2) mRNA, complete cds//5.9e-168:792:98//Hs.11183:
 AF065482
 F-PLACE1010076//ESTs//0.88:379:55//Hs.5884:N21424
 F-PLACE1010083//Homo sapiens mRNA for KIAA0456 protein, partial cds//9.6e-154:727:98//Hs.5003:AB007925
 F-PLACE1010089//ESTs, Highly similar to PROBABLE UBIQUITIN CARBOXYL-TERMINAL HYDROLASE [Mus
 35 musculus]//1.8e-38:212:95//Hs.98067:AA236822
 F-PLACE1010096//ESTs, Highly similar to hypothetical protein, 100K [R.norvegicus]//1.8e-08:100:89//Hs.11469:
 U69567
 F-PLACE1010102//Homo sapiens stimulator of Fe transport mRNA, complete cds//0.0035:339:60//Hs.129683:
 AF020761
 40 F-PLACE1010105//Homo sapiens actin binding protein MAYVEN mRNA, complete cds//1.2e-26:728:60//Hs.
 122967:AF059569
 F-PLACE1010106//EST//8.5e-28:394:70//Hs.142044:AA166682
 F-PLACE1010134//H.sapiens hbrm mRNA//1.2e-14:380:64//Hs.77590:X72889
 F-PLACE1010148//Human trans-Golgi p230 mRNA, complete cds//0.26:708:57//Hs.158245:U41740
 45 F-PLACE1010152
 F-PLACE1010181//EST//1.3e-21:312:71//Hs.141501:N50792
 F-PLACE1010194//ESTs//2.6e-55:284:97//Hs.155940:AA459582
 F-PLACE1010202//ESTs, Weakly similar to No definition line found [C.elegans]//2.3e-72:391:94//Hs.35225:
 H69637
 50 F-PLACE1010231
 F-PLACE1010261//Homo sapiens mRNA for KIAA0448 protein, complete cds//1.9e-146:693:97//Hs.27349:
 AB007917
 F-PLACE1010270//ESTs//2.0e-104:514:98//Hs.124062:H04590
 F-PLACE1010274//ESTs, Weakly similar to C01A2.4 [C.elegans]//6.8e-25:149:93//Hs.11449:AI201540
 55 F-PLACE1010293//EST//4.5e-36:358:74//Hs.162398:AA572813
 F-PLACE1010310//HOMEBOX/POU DOMAIN PROTEIN RDC-1//2.1e-10:352:62//Hs.74095:L20433
 F-PLACE1010321//Human hSlAH2 mRNA, complete cds//0.071:604:58//Hs.20191:U76248
 F-PLACE1010324//ESTs//0.22:286:58//Hs.130853:AI367875

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F-PLACE1010329//EST//5.7e-05:351:60//Hs.120644:AA742659
 F-PLACE1010341//EST//4.5e-16:255:72//Hs.141206:H53117
 F-PLACE1010362//ESTs//1.9e-41:246:92//Hs.128771:AA236855
 F-PLACE1010364//EST//0.11:292:58//Hs.135771:AI005648
 5 F-PLACE1010383//EST//6.1e-08:107:76//Hs.136441:AA564986
 F-PLACE1010401
 F-PLACE1010481//Human BLu protein (BLu) mRNA, complete cds//0.94:254:61//Hs.125257:U70824
 F-PLACE1010491//Homo sapiens Cre binding protein-like 2 mRNA, complete cds//7.2e-152:702:99//Hs.13313:
 AF039081
 10 F-PLACE1010492//ESTs//1.0:201:60//Hs.146036:AI038500
 F-PLACE1010522//ESTs//3.9e-52:263:97//Hs.125149:AI302100
 F-PLACE1010529//Homo sapiens chromodomain-helicase-DNA-binding protein mRNA, complete cds//1.0:175:
 64//Hs.159273:AF054177
 F-PLACE1010547//ESTs//0.96:288:57//Hs.87156:AA233472
 15 F-PLACE1010562//EST//1.0:164:66//Hs.147868:AI222979
 F-PLACE1010579//EST//0.39:279:58//Hs.158960:AI380148
 F-PLACE1010580//ESTs, Moderately similar to PUTATIVE ATP-DEPENDENT RNA HELICASE C12C2.06
 [Schizosaccharomyces pombe]//3.8e-31:193:91//Hs.145229:N44661
 F-PLACE1010599//Homo sapiens peroxisomal membrane anchor protein HsPex14p (PEX14) mRNA, complete
 20 cds//9.9e-148:707:97//Hs.19851:AF045186
 F-PLACE1010616//EST//3.1e-43:213:100//Hs.128215:AA972394
 F-PLACE1010622//NUCLEOLIN//0.00040:282:60//Hs.79110:M60858
 F-PLACE1010624//Homo sapiens Jagged 2 mRNA, complete cds//1.2e-05:516:61//Hs.106387:AF029778
 F-PLACE1010628//EST, Weakly similar to line-1 protein ORF2 [H.sapiens]//0.012:258:62//Hs.144375:AA484200
 25 F-PLACE1010629//EST//8.3e-23:218:79//Hs.161975:AA501461
 F-PLACE1010630//EST//0.29:319:58//Hs.137277:N62225
 F-PLACE1010631//Homo sapiens mRNA for KIAA0530 protein, partial cds//9.5e-66:363:95//Hs.10801:AB011102
 F-PLACE1010661//ESTs//3.9e-89:504:92//Hs.122666:W27076
 F-PLACE1010662
 30 F-PLACE1010702//Human repressor transcriptional factor (ZNF85) mRNA, complete cds//1.1e-74:697:74//Hs.
 37138:U35376
 F-PLACE1010714//EST//0.018:253:59//Hs.148028:AI270027
 F-PLACE1010720//Homo sapiens chromosome-associated protein-C (hCAP-C) mRNA, partial cds//6.1e-77:393:
 96//Hs.50758:AF092564
 35 F-PLACE1010739//Homo sapiens mRNA for Sec24 protein (Sec24A isoform), partial//0.97:314:59//Hs.14574:
 AJ131244
 F-PLACE1010743//Human myosin-IXb mRNA, complete cds//2.4e-56:409:86//Hs.159629:U42391
 F-PLACE1010761//ESTs, Weakly similar to U1 SMALL NUCLEAR RIBONUCLEOPROTEIN 70 KD [Xenopus lae-
 vis]//5.1e-80:407:96//Hs.80965:AA493284
 40 F-PLACE1010771//ESTs, Highly similar to TRANSCRIPTIONAL REGULATOR PROTEIN HCNGP [Mus musculus]
 //6.0e-45:251:94//Hs.11379:AA594140
 F-PLACE1010786
 F-PLACE1010800
 F-PLACE1010802//EST//0.94:128:64//Hs.120366:AA719157
 45 F-PLACE1010811//ESTs//0.89:339:59//Hs.127314:N48085
 F-PLACE1010833//ESTs, Weakly similar to allograft inflammatory factor-1 [H.sapiens]//2.9e-28:245:79//Hs.
 132736:AA583494
 F-PLACE1010856//ESTs//1.5e-06:95:87//Hs.17401:W81048
 F-PLACE1010857//ESTs, Weakly similar to KIAA0157 gene product is novel. [H.sapiens]//5.8e-67:336:97//Hs.
 50 130135:AA905493
 F-PLACE1010870//Zinc finger protein 43 (HTF6)//9.7e-40:498:69//Hs.74107:X59244
 F-PLACE1010877//Homo sapiens mRNA for KIAA0610 protein, partial cds//3.7e-149:694:98//Hs.118087:
 AB011182
 F-PLACE1010891//ESTs//6.9e-54:377:87//Hs.24453:R31671
 55 F-PLACE1010896//Human homologue of yeast sec7 mRNA, complete cds//0.64:167:65//Hs.1050:M85169
 F-PLACE1010900
 F-PLACE1010916//EST//0.55:151:66//Hs.145800:AI269981
 F-PLACE1010917

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F-PLACE1010925//ESTs//2.6e-81:437:94//Hs.5876:H26537
 F-PLACE1010926//Homo sapiens mRNA for KIAA0554 protein, partial cds//3.1e-139:653:98//Hs.74750:AB011126
 F-PLACE1010942//Homo sapiens intersectin short form mRNA, complete cds//2.9e-91:437:98//Hs.66392:AF064244
 5 F-PLACE1010944//ESTs//1.3e-17:117:91//Hs.29444:W30985
 F-PLACE1010947//EST//0.97:93:72//Hs.162299:AA555154
 F-PLACE1010954//Apolipoprotein B (including Ag(x) antigen)//0.28:444:59//Hs.585:X04506
 F-PLACE1010960//ESTs//0.98:238:60//Hs.163674:AA506632
 10 F-PLACE1010965//ESTs//3.1e-74:376:96//Hs.115679:AI379721
 F-PLACE1011026//EST//0.022:222:60//Hs.47154:N50931
 F-PLACE1011032//EST//1.1e-05:88:79//Hs.118024:N34032
 F-PLACE1011041//Human density enhanced phosphatase-1 mRNA, complete cds//0.28:179:67//Hs.1177:U10886
 15 F-PLACE1011046//1-PHOSPHATIDYLINOSITOL-4,5-BISPHOSPHATE PHOSPHODIESTERASE BETA 2//6.2e-11:207:68//Hs.994:M95678
 F-PLACE1011054//H.sapiens OBF-1 mRNA for octamer binding factor 1//6.1e-35:310:78//Hs.2407:Z49194
 F-PLACE1011056//Human putative serine/threonine protein kinase PRK (prk) mRNA, complete cds//0.74:228:61//Hs.153640:U56998
 20 F-PLACE1011057//EST//2.5e-80:388:98//Hs.126466:AA913320
 F-PLACE1011090//ESTs//1.4e-94:469:97//Hs.106448:R76663
 F-PLACE1011109//ESTs//0.13:303:62//Hs.49294:AA418037
 F-PLACE1011114//ESTs//5.8e-12:75:100//Hs.147422:AI214317
 F-PLACE1011133//ESTs//0.17:225:62//Hs.132853:AI370857
 25 F-PLACE1011143//ESTs//0.013:264:63//Hs.115368:AA629949
 F-PLACE1011160
 F-PLACE1011165//Galactokinase 2//2.7e-32:194:92//Hs.129228:M84443
 F-PLACE1011185//EST//1.4e-34:261:83//Hs.140250:AA708114
 F-PLACE1011203//Homo sapiens chromosome 18q11 beta-1,4-galactosyltransferase mRNA, complete cds//6.9e-124:576:99//Hs.159140:AF038664
 30 F-PLACE1011214//ESTs, Weakly similar to B0035.14 [C.elegans]//9.7e-101:469:99//Hs.8241:AA283057
 F-PLACE1011219//ESTs, Weakly similar to coded for by C. elegans cDNA CEESL70F [C.elegans]//2.6e-62:221:88//Hs.101821:W27452
 F-PLACE1011221//ESTs//0.46:238:62//Hs.32853:AA015751
 35 F-PLACE1011229//Homo sapiens mRNA for KIAA0529 protein, partial cds//1.4e-147:675:99//Hs.23168:AB011101
 F-PLACE1011263//Homo sapiens BAC clone GS166A23 from 7p21//5.9e-71:350:98//Hs.15144:AC005014
 F-PLACE1011273//ESTs//1.0:222:59//Hs.35274:AA495803
 F-PLACE1011291//Homo sapiens clone 24712 unknown mRNA, partial cds//3.4e-09:191:65//Hs.140950:AF070637
 40 F-PLACE1011296//ESTs//0.019:137:63//Hs.140654:AA865915
 F-PLACE1011310//EST//0.066:336:58//Hs.162529:AA584160
 F-PLACE1011325//ESTs//7.4e-43:229:96//Hs.21081:H08310
 F-PLACE1011332//Homo sapiens N-acetylglucosamine-phosphate mutase mRNA, complete cds//4.8e-151:696:99//Hs.5819:AF102265
 45 F-PLACE1011340//Homo sapiens mRNA, chromosome 1 specific transcript KIAA0501//1.5e-20:120:81//Hs.159897:AB007970
 F-PLACE1011371//Human mRNA for PK-120//9.5e-35:684:63//Hs.76415:D38535
 F-PLACE1011375//ESTs, Moderately similar to potassium channel protein Raw3 [R.norvegicus]//6.7e-68:325:99//Hs.107245:AA627053
 50 F-PLACE1011399//ESTs//8.6e-05:285:61//Hs.130105:AA904868
 F-PLACE1011419//ESTs//0.70:240:62//Hs.159650:N95552
 F-PLACE1011433//Homo sapiens mRNA for KIAA0530 protein, partial cds//1.5e-158:743:98//Hs.10801:AB011102
 55 F-PLACE1011452//Human Line-1 repeat mRNA with 2 open reading frames//1.9e-53:557:72//Hs.23094:M19503
 F-PLACE1011465//EST//3.1e-58:380:85//Hs.131605:AI025204
 F-PLACE1011472//Homo sapiens mRNA for KIAA0712 protein, complete cds//1.5e-152:703:99//Hs.111138:AB018255

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F-PLACE1011477//Homo sapiens sorting nexin 2 (SNX2) mRNA, complete cds//1.7e-146:675:99//Hs.11183:AF065482
 F-PLACE1011492//ESTs//2.0e-35:186:98//Hs.125886:AA884264
 F-PLACE1011503//EST//0.67:149:65//Hs.149774:AI285997
 5 F-PLACE1011520//ESTs//0.00014:213:64//Hs.119889:AA705319
 F-PLACE1011563//ESTs//2.2e-61:394:86//Hs.117718:AA883476
 F-PLACE1011567//Homo sapiens DEC-205 mRNA, complete cds//3.1e-46:325:84//Hs.153563:AF011333
 F-PLACE1011576//Homo sapiens hematopoietic cell derived zinc finger protein mRNA, complete cds//4.3e-67:268:86//Hs.86371:AF054180
 10 F-PLACE1011586//Homo sapiens hLRpl05 mRNA for LDL receptor related protein 105, complete cds//0.98:153:65//Hs.143641:AB009462
 F-PLACE1011635//Homo sapiens Jagged 2 mRNA, complete cds//0.00029:585:57//Hs.106387:AF029778
 F-PLACE1011641
 F-PLACE1011643//Homo sapiens mRNA for KIAA0293 gene, partial cds//0.00058:499:58//Hs.12784:AB006631
 15 F-PLACE1011646//EST//3.2e-26:201:68//Hs.140349:AA757661
 F-PLACE1011649//ESTs//0.25:145:64//Hs.23033:R46086
 F-PLACE1011650//ESTs//0.041:96:77//Hs.119351:AA447745
 F-PLACE1011664//Human mRNA for stac, complete cds//1.0:245:60//Hs.56045:D86640
 F-PLACE1011675//Cell division cycle 27//0.098:448:57//Hs.73151:S78234
 20 F-PLACE1011682//EST//9.6e-06:119:72//Hs.93664:N23366
 F-PLACE1011719//Human mRNA for KIAA0352 gene, complete cds//0.92:365:60//Hs.17262:AB002350
 F-PLACE1011725
 F-PLACE1011729//EST//0.56:304:58//Hs.86378:AA210853
 F-PLACE1011749//ESTs//4.3e-88:443:96//Hs.132850:AA779891
 25 F-PLACE1011762//ESTs//0.012:149:68//Hs.145075:AI208240
 F-PLACE1011778//ESTs//0.00016:199:64//Hs.160395:AI393693
 F-PLACE1011783//EST//1.0:119:66//Hs.162191:AA534660
 F-PLACE1011858//Human novel homeobox mRNA for a DNA binding protein//8.9e-05:477:59//Hs.37035:U07664
 F-PLACE1011874//EST//0.20:118:66//Hs.127351:AA954775
 30 F-PLACE1011875//Homo sapiens mRNA for KIAA0580 protein, partial cds//5.3e-110:526:98//Hs.22572:AB011152
 F-PLACE1011891//ESTs//1.8e-58:397:88//Hs.84698:AA725913
 F-PLACE1011896//ESTs, Weakly similar to Y53C12A.3 [C.elegans]//9.4e-09:478:56//Hs.107747:AI357868
 F-PLACE1011922//ESTs//0.49:249:62//Hs.152627:AA595817
 F-PLACE1011923//Homo sapiens serum-inducible kinase mRNA, complete cds//3.7e-140:664:98//Hs.3838:AF059617
 35 F-PLACE1011962//EST//1.7e-07:81:85//Hs.104333:AA250763
 F-PLACE1011964//EST//6.6e-38:412:74//Hs.140562:AA826514
 F-PLACE1011982//ESTs//0.40:405:60//Hs.127743:AI261591
 F-PLACE1011995//ESTs//1.7e-22:486:64//Hs.105157:AA527514
 40 F-PLACE1012031//Homo sapiens mRNA for KIAA0713 protein, partial cds//4.0e-148:690:98//Hs.88756:AB018256
 F-PLACE20000003//Homo sapiens mRNA, chromosome 1 specific transcript KIAA0487//6.5e-54:290:81//Hs.92381:AB007956
 F-PLACE2000006//ESTs//0.067:224:62//Hs.144100:AI205503
 45 F-PLACE2000007//ESTs//8.1e-23:147:91//Hs.128530:AA325330
 F-PLACE2000011//Interleukin 10//4.2e-42:362:78//Hs.2180:M57627
 F-PLACE2000014//EST//0.10:214:61//Hs.160247:AI138831
 F-PLACE2000015//Interleukin 10//1.4e-44:393:78//Hs.2180:M57627
 F-PLACE2000017
 50 F-PLACE2000021//Homo sapiens TRF1-interacting ankyrin-related ADP-ribose polymerase mRNA, partial cds//5.7e-85:844:72//Hs.7928:AF082557
 F-PLACE2000030
 F-PLACE2000033//Human adhesion molecule ninjurin mRNA, complete cds//0.85:234:66//Hs.11342:U91512
 F-PLACE2000034//Homo sapiens mRNA for KIAA0607 protein, partial cds//0.058:348:62//Hs.94653:AB011179
 55 F-PLACE2000039//Human plectin (PLEC1) mRNA, complete cds//0.0058:473:59//Hs.79706:U53204
 F-PLACE2000047//ESTs//4.9e-32:328:75//Hs.141024:H07128
 F-PLACE2000050//ESTs//3.0e-36:270:83//Hs.155512:AA663966
 F-PLACE2000061

F-PLACE2000062//Human membrane-associated lectin type-C mRNA//2.9e-114:662:86//Hs.23759:M98457
 F-PLACE2000072//Homo sapiens ZNF202 alpha (ZNF202) mRNA, complete cds//7.1e-135:631:98//Hs.9443:
 AF027219
 F-PLACE2000097//ESTs//0.021:117:70//Hs.132811:AI034333
 5 F-PLACE2000100
 F-PLACE2000103//ESTs//1.1e-56:284:98//Hs.144786:AI219219
 F-PLACE2000111//H.sapiens mRNA for l-acylglycerol-3-phosphate O-acyltransferase//0.76:215:65//Hs.6587:
 U56417
 F-PLACE2000115
 10 F-PLACE2000124//Human mRNA for KIAA0355 gene, complete cds//2.8e-49:400:79//Hs.153014:AB002353
 F-PLACE2000132
 F-PLACE2000136//ESTS, Moderately similar to hypothetical protein [H.sapiens]//1.2e-08:245:64//Hs.140343:
 AA718911
 F-PLACE2000140//Adenylate kinase 2 (adk2)//3.7e-24:162:90//Hs.83833:U54645
 15 F-PLACE2000164
 F-PLACE2000170
 F-PLACE2000172//ESTs//0.64:239:62//Hs.31175:AI219179
 F-PLACE2000176
 F-PLACE2000187
 20 F-PLACE2000216
 F-PLACE2000223//EST//0.0092:171:60//Hs.162830:AA643933
 F-PLACE2000235//Human mRNA for KIAA0298 gene, complete cds//1.6e-38:792:63//Hs.21560:AB002296
 F-PLACE2000246//Homo sapiens mRNA for KIAA0795 protein, partial cds//1.5e-74:367:98//Hs.22926:AB018338
 F-PLACE2000264//Homo sapiens mRNA for KIAA0792 protein, complete cds//2.0e-29:366:73//Hs.119387:
 25 AB007958
 F-PLACE2000274//Homo sapiens mRNA for dynein heavy chain//1.0e-23:650:62//Hs.144672:AJ000522
 F-PLACE2000302//ESTs//1.7e-05:66:89//Hs.55572:W37560
 F-PLACE2000305//ESTs//1.6e-78:382:98//Hs.136731:AA745869
 F-PLACE2000317
 30 F-PLACE2000335//Fc fragment of IgE, high affinity I, receptor for; beta polypeptide//6.1e-24:295:76//Hs.30:
 M89796
 F-PLACE2000341//Human sodium iodide symporter mRNA, complete cds//6.8e-21:593:61//Hs.103983:U66088
 F-PLACE2000342//Centromere protein B (80kD)//1.4e-06:326:61//Hs.85004:X05299
 F-PLACE2000347//ESTs, Moderately similar to F18547_1 [H.sapiens]//3.7e-16:139:82//Hs.28209:AI073817
 35 F-PLACE2000359//ESTs//5.0e-19:251:71//Hs.58272:W76645
 F-PLACE2000366//ESTs//1.7e-37:399:75//Hs.136646:AA748045
 F-PLACE2000371//EST//0.65:107:65//Hs.157677:AI358861
 F-PLACE2000373//ESTs//0.30:207:59//Hs.143902:AI131032
 F-PLACE2000379//ESTs//1.3e-64:402:87//Hs.146307:AA584638
 40 F-PLACE2000394//Homo sapiens mRNA, chromosome 1 specific transcript KIAA0484//1.0e-87:694:80//Hs.
 158095:AB007953
 F-PLACE2000398
 F-PLACE2000399
 F-PLACE2000404
 45 F-PLACE2000411
 F-PLACE2000419//Homo sapiens PYRIN (MEFV) mRNA, complete cds//8.0e-52:463:74//Hs.113283:AF018080
 F-PLACE2000425//EST//0.44:168:62//Hs.44677:N34966
 F-PLACE2000427
 F-PLACE2000433//ESTs//4.7e-18:213:74//Hs.110187:AA699719
 50 F-PLACE2000435//EST//4.7e-05:159:64//Hs.123604:AA815257
 F-PLACE2000438//H.sapiens mRNA for UDP-GalNAc:polypeptide N-acetylgalactosaminyltransferase (T2)//1.9e-
 20:418:64//Hs.130181:X85019
 F-PLACE2000450//Homo sapiens PYRIN (MEFV) mRNA, complete cds//4.0e-83:324:81//Hs.113283:AF018080
 F-PLACE2000455//ESTs, Moderately similar to !!!! ALU SUBFAMILY SC WARNING ENTRY !!!! [H.sapiens]//4.0e-
 55 05:100:73//Hs.104239:AA488082
 F-PLACE2000458//H.sapiens mRNA for hFat protein//0.0010:545:57//Hs.91107:X87241
 F-PLACE2000465//ESTs//4.4e-38:377:75//Hs.55855:AA621381
 F-PLACE2000477//Homo sapiens PYRIN (MEFV) mRNA, complete cds//1.8e-68:520:81//Hs.113283:AF018080

- F-PLACE3000004//Human EYA3 homolog (EYA3) mRNA, complete cds//3.9e-14:204:73//Hs.46925:Y10262 ,
 F-PLACE3000009//Human mRNA for KIAA0386 gene, complete cds//4.8e-59:696:69//Hs.101359:AB002384
 F-PLACE3000020//Prostaglandin 12 (prostacyclin) receptor (IP)//0.00081:500:61//Hs.393:D38128
 F-PLACE3000029
 5 F-PLACE3000059//ESTs//0.0026:49:100//Hs.42913:AI082248
 F-PLACE3000070//ESTs//5.6e-15:202:74//Hs.154993:AA142842
 F-PLACE3000103//Homo sapiens cofactor of initiator function (CIF150) mRNA, complete cds//1.0:186:62//Hs.122752:AF026445
 F-PLACE3000119//Homo sapiens mRNA for KIAA0752 protein, partial cds//2.8e-48:283:83//Hs.23711:AB018295
 10 F-PLACE3000121
 F-PLACE3000124//Thromboxane A2 receptor//1.1e-55:195:83//Hs.89887:D38081
 F-PLACE3000136//Homo sapiens mRNA for KIAA0703 protein, complete cds//1.0:194:59//Hs.6168:AB014603
 F-PLACE3000142//EST//0.41:179:59//Hs.137438:AA282243
 F-PLACE3000145//ESTs//3.5e-25:145:96//Hs.163950:AA683016
 15 F-PLACE3000147//EST//5.0e-43:285:86//Hs.160895:AI365871
 F-PLACE3000148
 F-PLACE3000155//Homo sapiens mRNA for KIAA0672 protein, complete cds//5.6e-80:382:99//Hs.6336:AB014572
 F-PLACE3000156//ESTs//0.00015:277:62//Hs.156834:AI336023
 20 F-PLACE3000157//Calcium channel, voltage-dependent, P/Q type, alpha 1A subunit//0.54:320:60//Hs.96253:U79666
 F-PLACE3000158//Homo sapiens mRNA for KIAA0575 protein, complete cds//4.9e-66:319:88//Hs.153468:AB011147
 F-PLACE3000160
 25 F-PLACE3000169//Small inducible cytokine A5 (RANTES)//1.3e-64:501:80//Hs.155464:AF088219
 F-PLACE3000194
 F-PLACE3000197
 F-PLACE3000199//EST//1.0:108:68//Hs.98488:AA426546
 F-PLACE3000207//EST//1.0e-32:184:75//Hs.160146:AI049975
 30 F-PLACE3000208//CLASS II HISTOCOMPATIBILITY ANTIGEN, M ALPHA CHAIN PRECURSOR//1.0:271:61//Hs.77522:X62744
 F-PLACE3000218//EST//1.3e-46:317:84//Hs.162197:AA535216
 F-PLACE3000220//EST//9.3e-95:443:99//Hs.112702:AA609377
 F-PLACE3000221//Homo sapiens DNA fragmentation factor 40 kDa subunit (DFF40) mRNA, complete cds//9.2e-56:200:85//Hs.133089:AF064019
 35 F-PLACE3000226
 F-PLACE3000230//EST//6.1e-16:173:72//Hs.148578:AI201568
 F-PLACE3000242//Human DNA sequence from clone 1409 on chromosome Xp11.1-11.4. Contains a Inter-Alpha-Trypsin Inhibitor Heavy Chain LIKE gene, a alternatively spliced Melanoma-Associated Antigen MAGE LIKE gene and a 6-Phosphofructo-2-kinase (Fructose-2,6-bisphosphatase) LIKE pseudogene. Contains ESTs, STSs and genomic marker DXS8032//1.2e-54:434:80//Hs.4943:Z98046
 40 F-PLACE3000244
 F-PLACE3000254//NUCLEOLIN//2.6e-05:445:60//Hs.79110:M60858
 F-PLACE3000271//ESTs//1.6e-25:195:72//Hs.108452:H78650
 45 F-PLACE3000276//ESTs//1.0e-13:274:66//Hs.28589:AI004944
 F-PLACE3000304//EST//0.043:210:61//Hs.132378:AI026770
 F-PLACE3000310
 F-PLACE3000320//EST//1.2e-12:188:70//Hs.145771:AI269586
 F-PLACE3000322//Small inducible cytokine A5 (RANTES)//4.7e-29:252:80//Hs.155464:AF088219
 50 F-PLACE3000331
 F-PLACE3000339//Homo sapiens mRNA for KIAA0645 protein, complete cds//0.91:222:61//Hs.155987:AB014545
 F-PLACE3000341//EST//1.8e-05:394:58//Hs.112894:AA620741
 F-PLACE3000350//ESTs, Highly similar to SERINE/THREONINE-PROTEIN KINASE SULU [Caenorhabditis elegans]//2.9e-59:474:77//Hs.125850:AA885355
 55 F-PLACE3000352//H.sapiens OBF-1 mRNA for octamer binding factor 1//2.5e-48:442:78//Hs.2407:Z49194
 F-PLACE3000353//H.sapiens mRNA for UDP-GalNAc:polypeptide N-acetylgalactosaminyltransferase (T1)//0.78:234:63//Hs.7498:U41514

F-PLACE3000362//EST//6.5e-25:302:73//Hs.140504:AA810441
 F-PLACE3000363
 F-PLACE3000365//ESTs//0.81:200:60//Hs.141556:N49928
 F-PLACE3000373//ESTs//0.0071:82:73//Hs.136310:AA442641
 5 F-PLACE3000388//ESTs//7.9e-16:235:71//Hs.44701:AA830432
 F-PLACE3000399//Clathrin, light polypeptide (Lcb)//5.2e-70:391:81//Hs.73919:X81637
 F-PLACE3000400//ESTs//0.53:162:66//Hs.49303:AA810785
 F-PLACE3000401//EST//2.3e-35:178:100//Hs.162851:AA632270
 F-PLACE3000402//ESTs//2.4e-84:425:96//Hs.148962:AI219715
 10 F-PLACE3000405//EST//2.1e-39:452:73//Hs.140414:AA778541
 F-PLACE3000406//Homo sapiens apoptotic protease activating factor 1 (Apaf-1) mRNA, complete cds//1.9e-07:
 116:78//Hs.77579:AF013263
 F-PLACE3000413//ESTs, Weakly similar to methyl sterol oxidase [H.sapiens]//1.6e-51:260:98//Hs.122512:
 H61502
 15 F-PLACE3000416//Homo sapiens mRNA for KIAA0801 protein, complete cds//0.00020:630:57//Hs.17585:
 AB018344
 F-PLACE3000425//EST//3.8e-34:286:79//Hs.135301:AI039161
 F-PLACE3000455//Homo sapiens mRNA for cytochrome b small subunit of complex II, complete cds//3.6e-32:
 183:93//Hs.108326:AB006202
 20 F-PLACE3000475//ESTs//1.9e-09:422:61//Hs.145783:AA081874
 F-PLACE3000477//H.sapiens mRNA for chemokine receptor D6//1.0:426:54//Hs.117572:U94888
 F-PLACE4000009//TRICHOHYALIN//3.1e-09:692:60//Hs.82276:L09190
 F-PLACE4000014//Homo sapiens mRNA for KIAA0809 protein, partial cds//3.6e-118:331:100//Hs.105399:
 AB018352
 25 F-PLACE4000034//Homo sapiens Chromosome 16 BAC clone CIT987SK-A-69G12//1.1e-06:244:63//Hs.154050:
 AC004131
 F-PLACE4000049//Homo sapiens clone 24619 mRNA sequence//4.3e-45:371:79//Hs.139088:AF070533
 F-PLACE4000052//Human ATP binding cassette transporter (ABCR) mRNA, complete cds//1.4e-53:669:67//Hs.
 40993:AF000148
 30 F-PLACE4000063
 F-PLACE4000089//ESTs//2.2e-10:121:85//Hs.49391:W00713
 F-PLACE4000093//ESTs//0.0053:273:60//Hs.136952:AA825819
 F-PLACE4000100//ESTs//8.0e-21:246:73//Hs.140207:N32058
 F-PLACE4000106//Homo sapiens mRNA for KIAA0462 protein, partial cds//3.8e-147:684:99//Hs.129937:
 35 AB007931
 F-PLACE4000128//Homo sapiens ES/130 mRNA, complete cds//0.23:398:60//Hs.98614:AF006751
 F-PLACE4000129
 F-PLACE4000131//ESTs//2.4e-13:194:72//Hs.41418:H90627
 F-PLACE4000147//ESTs//0.0060:324:60//Hs.85640:AA535856
 40 F-PLACE4000156//Zinc finger protein 136 (clone pHZ-20)//2.3e-89:764:76//Hs.69740:U09367
 F-PLACE4000192
 F-PLACE4000211
 F-PLACE4000222//EST//1.9e-15:317:66//Hs.149206:AI246594
 F-PLACE4000230//Human mRNA for KIAA0331 gene, complete cds//0.0048:258:60//Hs.146395:AB002329
 45 F-PLACE4000233//ESTs//4.4e-38:240:80//Hs.114605:AI304317
 F-PLACE4000247//Homo sapiens mitochondrial outer membrane protein (TOM40) mRNA, nuclear gene encoding
 mitochondrial protein, complete cds//0.0095:156:69//Hs.30928:AF043250
 F-PLACE4000250//ESTs//3.8e-72:377:94//Hs.124234:T89609
 F-PLACE4000252//ESTs//1.0:196:64//Hs.144869:AA493886
 50 F-PLACE4000259//Homo sapiens mRNA for KIAA0788 protein, partial cds//6.2e-27:191:87//Hs.2397:Z70200
 F-PLACE4000261
 F-PLACE4000269//ESTs, Weakly similar to coded for by C. elegans cDNA yk52b10.3 [C.elegans]//9.5e-41:202:
 100//Hs.118849:AA215645
 F-PLACE4000270
 55 F-PLACE4000300
 F-PLACE4000320//FKBP-RAPAMYCIN ASSOCIATED PROTEIN//4.5e-23:135:96//Hs.155952:U88966
 F-PLACE4000323//EST//6.7e-09:180:68//Hs.116769:AA630365
 F-PLACE4000326//ESTs//2.1e-94:453:98//Hs.103177:W72798

F-PLACE4000344//EST//6.4e-05:135:67//Hs.146729:AI147292
 F-PLACE4000367
 F-PLACE4000369
 F-PLACE4000379//EST//3.9e-42:381:79//Hs.162335:AA564256
 5 F-PLACE4000387//ESTs//0.19:93:69//Hs.154173:AI379823
 F-PLACE4000392//ESTs//0.0015:381:59//Hs.120172:AA709046
 F-PLACE4000401//Homo sapiens mRNA for KIAA0640 protein, partial cds//3.1e-47:605:71//Hs.153026:AB014540
 F-PLACE4000411//ESTs, Moderately similar to plakophilin 2b [H.sapiens]//4.7e-33:159:81//Hs.154257:AI275982
 10 F-PLACE4000431//Homo sapiens mRNA for KIAA0788 protein, partial cds//1.3e-45:263:92//Hs.2397:Z70200
 F-PLACE4000445
 F-PLACE4000450
 F-PLACE4000465//ESTs//1.5e-11:273:65//Hs.145783:AA081874
 F-PLACE4000487//Sialophorin (gpL115, leukosialin, CD43)//3.0e-14:189:71//Hs.80738:X52075
 15 F-PLACE4000489//ESTs//0.94:104:68//Hs.125119:R38951
 F-PLACE4000494//ESTs//1.0:185:60//Hs.143053:AI126289
 F-PLACE4000521//ESTs//0.0027:161:70//Hs.135740:AA651731
 F-PLACE4000522//ESTs, Highly similar to NEUROGENIC LOCUS NOTCH PROTEIN HOMOLOG 1 PRECURSOR [Homo sapiens]//0.047:119:65//Hs.129053:AA767022
 20 F-PLACE4000548
 F-PLACE4000558//Homo sapiens mRNA for DFFRY protein, abundant transcript//0.0035:510:59//Hs.39163:AF000986
 F-PLACE4000581
 F-PLACE4000590//ESTs, Highly similar to POL POLYPROTEIN [Friend murine leukemia virus (isolate 57)]//3.4e-13:275:68//Hs.113980:AI034080
 25 F-PLACE4000593//ESTs, Weakly similar to F25D7.1 [C.elegans]//5.2e-28:239:79//Hs.109084:AI004675
 F-PLACE4000612//Keratin 9//0.27:207:64//Hs.2783:Z29074
 F-PLACE4000638//Homo sapiens mRNA from chromosome 5q21-22, clone:sF2//3.5e-47:562:69//Hs.129685:AB002446
 30 F-PLACE4000650
 F-PLACE4000654
 F-PLACE4000670//ESTs//6.1e-88:411:100//Hs.130688:AI028132
 F-SKNMC1000011//Centromere protein B (80kD)//0.0013:243:62//Hs.85004:X05299
 F-SKNMC1000013//ESTs, Highly similar to MULTIDRUG RESISTANCE PROTEIN HOMOLOG 50 [Drosophila melanogaster]//2.5e-36:197:96//Hs.118634:U66688
 35 F-SKNMC1000046//Homo sapiens mRNA for KIAA0654 protein, partial cds//2.5e-148:706:98//Hs.109299:AB014554
 F-SKNMC1000050//Calpain, large polypeptide L2//4.1e-53:330:90//Hs.76288:M23254
 F-SKNMC1000091//ESTs//3.3e-64:420:88//Hs.90997:AA946877
 40 F-THYRO1000017//Human mRNA for KIAA0315 gene, partial cds//1.0:310:60//Hs.3989:AB002313
 F-THYRO1000026//H.sapiens OBF-1 mRNA for octamer binding factor 1//2.9e-35:299:81//Hs.2407:Z49194
 F-THYRO1000034
 F-THYRO1000035//ESTs//4.1e-37:317:79//Hs.141254:AI334099
 F-THYRO1000040//ESTs//0.30:331:59//Hs.87176:AI148326
 45 F-THYRO1000070//Human mRNA for KIAA0347 gene, complete cds//0.069:278:63//Hs.101996:AB002345
 F-THYRO1000072//Homo sapiens clone 23584 mRNA sequence//8.7e-86:722:77//Hs.6654:AB014557
 F-THYRO1000085
 F-THYRO1000092//ESTs//3.1e-100:469:99//Hs.132207:AI148065
 F-THYRO1000107
 50 F-THYRO1000111//Human Line-1 repeat mRNA with 2 open reading frames//6.8e-106:690:86//Hs.23094:M19503
 F-THYRO1000121
 F-THYRO1000124//Human mRNA for alanine aminotransferase//0.0026:420:58//Hs.103502:U70732
 F-THYRO1000129//Homo sapiens TED protein (TED).mRNA, complete cds//2.8e-155:732:98//Hs.87619:AF087142
 55 F-THYRO1000132//ESTs//1.9e-35:164:79//Hs.139179:AA650203
 F-THYRO1000156//EST//0.32:102:68//Hs.139634:AA478416
 F-THYRO1000163//Small inducible cytokine A5 (RANTES)//5.2e-50:331:85//Hs.155464:AF088219
 F-THYRO1000173//Human clathrin assembly protein 50 (AP50) mRNA, complete cds//1.1e-05:261:61//Hs.

152936:D63475
 F-THYRO1000186//H.sapiens mRNA for phosphoinositide 3-kinase//3.7e-41:270:87//Hs.101238:Y11312
 F-THYRO1000187//EST//0.11:227:62//Hs.101773:H23270
 F-THYRO1000190//ESTs//0.82:194:63//Hs.128818:AA976883
 5 F-THYRO1000197//Homo sapiens mRNA for poly(A)-specific ribonuclease//2.4e-175:805:99//Hs.43445:AJ005698
 F-THYRO1000199//Homo sapiens mRNA for KIAA0652 protein, complete cds//4.0e-88:616:84//Hs.79672:AB014552
 F-THYRO1000206//EST//0.96:291:61//Hs.104962:AA443848
 10 F-THYRO1000221//Human clone 23589 mRNA sequence//0.035:242:62//Hs.11506:U79297
 F-THYRO1000241//EST//0.48:102:69//Hs.160764:AI313322
 F-THYRO1000242//Zinc finger protein 84 (HPF2)//1.2e-42:534:64//Hs.9450:M27878
 F-THYRO1000253//Homo sapiens mRNA for KIAA0690 protein, partial cds//0.61:211:64//Hs.60103:AB014590
 F-THYRO1000270
 15 F-THYRO1000279//ESTs//0.0020:104:72//Hs.121476:AI215500
 F-THYRO1000288//Homo sapiens mRNA for Hs Ste24p, complete cds//1.3e-180:848:98//Hs.25846:AB016068
 F-THYRO1000320//ESTs, Weakly similar to Similar to glutamate decarboxylase [C.elegans]//7.6e-92:431:99//Hs.122719:AA777803
 F-THYRO1000327//Autocrine motility factor receptor//2.8e-52:290:93//Hs.80731:M63175
 20 F-THYRO1000343//Homo sapiens mRNA for KIAA0790 protein, partial cds//7.2e-164:763:98//Hs.12002:AB018333
 F-THYRO1000358//Human selenium-binding protein (hSBP) mRNA, complete cds//6.9e-34:177:84//Hs.7833:U29091
 F-THYRO1000368//ESTs//0.0011:55:96//Hs.34994:AA252919
 25 F-THYRO1000381//Homo sapiens mRNA for KIAA0562 protein, complete cds//0.081:240:62//Hs.118401:AB011134
 F-THYRO1000387//EST//3.6e-14:197:71//Hs.139399:AA416855
 F-THYRO1000394//ESTs, Weakly similar to No definition line found [C.elegans]//5.8e-39:245:91//Hs.119095:T79413
 30 F-THYRO1000395//EST//5.8e-69:333:99//Hs.156524:AA724572
 F-THYRO1000401//ESTs//1.8e-24:132:98//Hs.54852:W26238
 F-THYRO1000438//EST//1.9e-05:217:63//Hs.115930:AA579773
 F-THYRO1000452//B cell lymphoma protein 6 (zinc finger protein 51)//0.096:306:60//Hs.155024:U00115
 F-THYRO1000471//Tyrosine aminotransferase//5.6e-44:403:77//Hs.2999:X52520
 35 F-THYRO1000484//EST, Weakly similar to putative p150 [H.sapiens]//8.9e-22:248:76//Hs.162011:AA513663
 F-THYRO1000488
 F-THYRO1000501//H.sapiens Staf50 mRNA//3.2e-75:615:77//Hs.68054:X82200
 F-THYRO1000502//ESTs//1.0:350:57//Hs.119749:AA689298
 F-THYRO1000505//Interleukin 13//0.95:245:60//Hs.845:U31120
 40 F-THYRO1000558//EST//1.3e-24:351:64//Hs.142326:AA351877
 F-THYRO1000569//Homo sapiens mRNA for dihydropyrimidinase related protein 4, complete cds//0.28:229:61//Hs.100058:AB006713
 F-THYRO1000570//EST//0.80:171:61//Hs.112790:AA609949
 F-THYRO1000585//Homo sapiens protein associated with Myc mRNA, complete cds//2.4e-168:808:97//Hs.151411:AF075587
 45 F-THYRO1000596//EST//9.5e-94:461:96//Hs.135397:AI056322
 F-THYRO1000602//EST//4.9e-06:80:80//Hs.162135:AA526331
 F-THYRO1000605//Guanylate cyclase 1, soluble, alpha 2//0.44:182:62//Hs.2685:Z50053
 F-THYRO1000625//Thromboxane A2 receptor//4.5e-45:323:82//Hs.89887:D38081
 50 F-THYRO1000637//ESTs//4.4e-24:255:75//Hs.101014:AA194941
 F-THYRO1000641//ESTs//0.00017:375:58//Hs.32703:AA054125
 F-THYRO1000658//CD4 receptor {exons 1 and 2} [human, T-lymphocyte, mRNA, 3429 nt]//1.8e-09:127:77//Hs.116007:S79267
 F-THYRO1000662
 55 F-THYRO1000666//ESTs//1.9e-28:149:99//Hs.105187:AI394157
 F-THYRO1000676//CD4 receptor {exons 1 and 2} [human, T-lymphocyte, mRNA, 3429 nt]//5.7e-49:281:77//Hs.116007:S79267
 F-THYRO1000684//ESTs, Weakly similar to band-6-protein [H.sapiens]//0.46:368:57//Hs.26557:AA480380

- F-THYRO1000699//ESTs//1.6e-10:314:65//Hs.139212:AA243452
 F-THYRO1000712//ESTs//3.3e-42:211:99//Hs.69330:AI056324
 F-THYRO1000715//Human plectin (PLEC1) mRNA, complete cds//2.9e-06:631:59//Hs.79706:U53204
 F-THYRO1000734//ESTs//8.4e-08:226:64//Hs.125754:AA806085
 5 F-THYRO1000748//Homo sapiens KIAA0411 mRNA, complete cds//3.1e-35:339:74//Hs.7977:AB007871
 F-THYRO1000756//Homo sapiens protocadherin (PCDH8) mRNA, complete cds//1.0:209:62//Hs.19492:AF061573
 F-THYRO1000777//Human mRNA for KIAA0147 gene, partial cds//0.00069:636:57//Hs.158132:D63481
 F-THYRO1000783//Homo sapiens Arp2/3 protein complex subunit p41-Arc (ARC41) mRNA, complete cds//0.70:452:58//Hs.11538:AF006084
 10 F-THYRO1000787
 F-THYRO1000793
 F-THYRO1000796
 F-THYRO1000805//Homo sapiens mRNA from chromosome 5q21-22, clone:sF2//9.4e-36:561:68//Hs.129685:AB002446
 15 F-THYRO1000815//Human mRNA for KIAA0118 gene, partial cds//1.2e-45:465:75//Hs.154326:D42087
 F-THYRO1000829//ESTs//1.7e-66:361:95//Hs.7906:H16339
 F-THYRO1000843
 F-THYRO1000852//ESTs//6.2e-23:204:81//Hs.144452:AA838788
 20 F-THYRO1000855//ESTs//0.049:159:64//Hs.163532:AI424170
 F-THYRO1000865//ESTs, Weakly similar to !!!! ALU SUBFAMILY J WARNING ENTRY !!!! [H.sapiens]//3.0e-33:190:75//Hs.133526:N21103
 F-THYRO1000895//ESTs//3.8e-24:191:84//Hs.132722:AA618531
 F-THYRO1000916//Homo sapiens mRNA, chromosome 1 specific transcript KIAA0487//1.8e-43:318:79//Hs.92381:AB007956
 25 F-THYRO1000926//Homo sapiens cAMP-specific phosphodiesterase 8B (PDE8B) mRNA, partial cds//3.0e-179:839:98//Hs.78106:AF079529
 F-THYRO1000934//PYRROLINE-5-CARBOXYLATE REDUCTASE//1.1e-33:759:63//Hs.79217:M77836
 F-THYRO1000951//MUELLERIAN INHIBITING FACTOR PRECURSOR//0.055:662:56//Hs.112432:AC005263
 30 F-THYRO1000952//Human mRNA for KIAA0208 gene, complete cds//0.98:177:65//Hs.83558:D86963
 F-THYRO1000974//Homo sapiens putative ATP-dependent mitochondrial RNA helicase (SUV3) mRNA, nuclear gene encoding mitochondrial protein, complete cds//2.7e-15:123:90//Hs.106469:AF042169
 F-THYRO1000975//EST//0.45:172:62//Hs.105449:AA513907
 F-THYRO1000983
 35 F-THYRO1000984//EST//0.0075:119:65//Hs.150347:AA984646
 F-THYRO1000988//ESTs//0.056:99:71//Hs.153409:AI224307
 F-THYRO1001003
 F-THYRO1001031//Thiopurine S-methyltransferase//3.8e-44:568:71//Hs.51124:AF019369
 F-THYRO1001033//H.sapiens mRNA for cyclicin II//0.0061:287:60//Hs.3232:Z46788
 40 F-THYRO1001062//ISLET AMYLOID POLYPEPTIDE PRECURSOR//3.2e-45:394:79//Hs.51048:X68830
 F-THYRO1001093//Human mRNA for KIAA0355 gene, complete cds//3.4e-33:421:72//Hs.153014:AB002353
 F-THYRO1001100//Human DNA-binding protein mRNA, 3'end//2.1e-74:741:74//Hs.159249:Z99130
 F-THYRO1001120//Homo sapiens deltex (Dx) mRNA, complete cds//4.5e-18:447:62//Hs.124024:AF053700
 F-THYRO1001121//ESTs//0.92:257:61//Hs.118246:N95416
 45 F-THYRO1001133//EST//1.1e-38:367:75//Hs.144175:H70425
 F-THYRO1001134//ESTs//1.4e-28:186:91//Hs.109468:W52074
 F-THYRO1001142//ESTs//1.8e-44:332:82//Hs.146811:AA410788
 F-THYRO1001173
 F-THYRO1001177//ESTs//7.7e-40:240:84//Hs.155384:Z78385
 50 F-THYRO1001189//ESTs//2.1e-36:323:76//Hs.120206:AI089163
 F-THYRO1001204
 F-THYRO1001213//Small inducible cytokine A5 (RANTES)//3.1e-43:256:81//Hs.155464:AF088219
 F-THYRO1001262//ESTs//7.9e-44:279:87//Hs.138856:H47461
 F-THYRO1001271//Homo sapiens mRNA for synaptogyrin 3//0.0045:273:60//Hs.6467:AJ002309
 55 F-THYRO1001287//Homo sapiens alpha 1,2-mannosidase IB mRNA, complete cds//0.014:178:66//Hs.125315:AF027156
 F-THYRO1001290//ESTs//3.9e-43:145:99//Hs.147797:AA069836
 F-THYRO1001313//ESTs//1.0:244:61//Hs.127488:AA528182

- F-THYRO1001320//ESTs//0.062:126:67//Hs.133296:AI311872
 F-THYRO1001321//Homo sapiens DEC-205 mRNA, complete cds//2.5e-35:560:68//Hs.153563:AF011333
 F-THYRO1001322//ESTs//0.12:238:61//Hs.29169:N66545
 F-THYRO1001347//ESTs//7.5e-61:293:99//Hs.129962:AA927207
 5 F-THYRO1001363//ESTs//1.0e-16:178:78//Hs.163954:N57939
 F-THYRO1001365//Homo sapiens KIAA0417 mRNA, complete cds//3.6e-18:187:79//Hs.12385:AB007877
 F-THYRO1001374//Homo sapiens mRNA for KIAA0707 protein, partial cds//7.4e-157:740:97//Hs.138488:AB014607
 F-THYRO1001401//EST//4.6e-14:171:76//Hs.157587:AI356993
 10 F-THYRO1001403//ESTs//2.2e-50:464:79//Hs.118046:N49946
 F-THYRO1001405//ESTs//1.7e-44:226:98//Hs.156667:AI347694
 F-THYRO1001406//Hydroxysteroid (17-beta) dehydrogenase 3//2.8e-20:459:62//Hs.477:U05659
 F-THYRO1001411//ESTs//1.9e-41:342:78//Hs.146811:AA410788
 F-THYRO1001426//Human ring zinc-finger protein (ZNF127-Xp) gene and 5' flanking sequence//4.6e-33:153:81//
 15 Hs.102877:U41315
 F-THYRO1001434//ESTs//1.1e-07:274:60//Hs.151093:AI224099
 F-THYRO1001458//Myosin, heavy polypeptide 9, non-muscle//6.2e-60:653:71//Hs.44782:Z82215
 F-THYRO1001480//ISLET AMYLOID POLYPEPTIDE PRECURSOR//1.3e-42:370:78//Hs.51048:X68830
 F-THYRO1001487//EST//1.0:88:71//Hs.160760:AI311943
 20 F-THYRO1001534//ESTs//1.2e-94:457:98//Hs.125523:AA883904
 F-THYRO1001537//ESTs//3.5e-94:469:97//Hs.106448:R76663
 F-THYRO1001541//EST//1.4e-10:158:65//Hs.145159:AI150211
 F-THYRO1001559//ESTs//1.4e-07:91:81//Hs.43507:N24046
 F-THYRO1001570//ESTs//2.3e-41:280:80//Hs.119752:AA703335
 25 F-THYRO1001573//Homo sapiens clone 24778 unknown mRNA//2.7e-105:546:95//Hs.25306:AF070572
 F-THYRO1001584//Human RGP3 mRNA, complete cds//0.14:335:58//Hs.82294:U27655
 F-THYRO1001595//Human RSU-1/RSP-1 mRNA, complete cds//3.6e-35:165:84//Hs.75551:L12535
 F-THYRO1001602//ESTs//3.1e-42:350:80//Hs.138384:R72849
 F-THYRO1001605//EST//0.11:426:57//Hs.151206:AI126071
 30 F-THYRO1001617//ESTs//5.2e-43:345:81//Hs.8710:W07046
 F-THYRO1001637//ESTs, Weakly similar to anion exchanger [H.sapiens]//5.2e-13:108:86//Hs.141045:AA191659
 F-THYRO1001656//Solute carrier family 2 (facilitated glucose transporter), member 4//0.099:540:55//Hs.95958:M91463
 F-THYRO1001661//ESTs//0.12:53:92//Hs.151586:W45568
 35 F-THYRO1001671//Homo sapiens mRNA for 2'-5' oligoadenylate synthetase 59 kDa isoform//8.0e-166:780:98//Hs.118633:AJ225089
 F-THYRO1001673//Von Hippel-Lindau syndrome//4.6e-25:212:73//Hs.78160:AF010238
 F-THYRO1001703//Homo sapiens clone 24767 mRNA sequence//0.27:421:57//Hs.122908:AF070552
 F-THYRO1001706//ESTs//1.8e-24:142:95//Hs.112536:AI147691
 40 F-THYRO1001721//ESTs, Highly similar to RING CANAL PROTEIN [Drosophila melanogaster]//2.5e-51:296:92//Hs.3826:U69560
 F-THYRO100173 8//EST//6.9e-30:180:94//Hs.58641:W81229
 F-THYRO1001745//ESTs//6.1e-49:244:98//Hs.97534:AA398813
 F-THYRO1001746//EST//0.96:119:63//Hs.144107:AI053590
 45 F-THYRO1001772//ESTs, Weakly similar to !!!! ALU SUBFAMILY J WARNING ENTRY !!!! [H.sapiens]//2.2e-21:182:81//Hs.118053:N75725
 F-THYRO1001793//ESTs//1.9e-93:439:99//Hs.150116:AI299324
 F-THYRO1001809//Human mRNA for KIAA0297 gene, partial cds//0.47:168:67//Hs.11711:AB002295
 F-THYRO1001828
 50 F-THYRO1001854//EST//0.038:128:67//Hs.160649:AI241823
 F-THYRO1001895//Intercellular adhesion molecule 1 (CD54), human rhinovirus receptor//9.6e-13:288:65//Hs.51061:M24283
 F-THYRO1001907//EST//1.9e-12:126:80//Hs.139296:AA350198
 F-VESEN1000122
 55 F-Y79AA1000013//ESTs//1.7e-72:369:96//Hs.97176:AA447885
 F-Y79AA1000033
 F-Y79AA1000037//Murine leukemia viral (bmi-1) oncogene homolog//7.8e-21:230:66//Hs.431:L13689
 F-Y79AA1000059//Homo sapiens immunophilin homolog ARA9 mRNA, complete cds//7.3e-40:629:64//Hs.75305:

U78521
 F-Y79AA1000065//CD81 ANTIGEN//0.0050:241:60//Hs.54457:M33680
 F-Y79AA1000131//Guanylate cyclase 1, soluble, alpha 2//0.078:477:58//Hs.2685:Z50053
 F-Y79AA1000181//Fatty acid synthase {3' region} [human, breast and HepG2 cells, mRNA Partial, 2237 nt//
 5 0.0022:684:58//Hs.83190:U29344
 F-Y79AA1000202//ESTs//2.5e-17:143:86//Hs.76925:AA211860
 F-Y79AA1000214//Homo sapiens histone H2A.F/Z variant (H2AV) mRNA, complete cds//3.9e-73:345:100//Hs.
 9242:AF081192
 F-Y79AA1000230//Polymeric immunoglobulin receptor//0.98:335:59//Hs.842:X73079
 10 F-Y79AA1000231//ESTs//0.11:209:66//Hs.132184:AI278623
 F-Y79AA1000258//Homo sapiens metase (MET-1) mRNA, complete cds//0.30:444:61//Hs.99941:L23134
 F-Y79AA1000268//Human mRNA for KIAA0367 gene, partial cds//9.1e-11:300:64//Hs.23311:AB002365
 F-Y79AA1000313//Human mRNA for KIAA0129 gene, complete cds//0.89:744:56//Hs.44361:D50919
 F-Y79AA1000328
 15 F-Y79AA1000342//Homo sapiens OPA-containing protein mRNA, complete cds//8.4e-15:223:75//Hs.85313:
 AF071309
 F-Y79AA1000346
 F-Y79AA1000349//ALPHA-2C-1 ADRENERGIC RECEPTOR//8.3e-06:180:73//Hs.123022:J03853
 F-Y79AA1000355
 20 F-Y79AA1000368//ESTs//0.0062:235:64//Hs.114777:AA782908
 F-Y79AA1000405//ESTs//0.76:244:62//Hs.153027:AA648897
 F-Y79AA1000410//Small inducible cytokine A5 (RANTES)//8.1e-31:229:83//Hs.155464:AF088219
 F-Y79AA1000420//ESTs//1.1e-53:271:87//Hs.13056:AA181018
 F-Y79AA1000469//Homo sapiens I-1 receptor candidate protein mRNA, complete cds//0.0047:315:66//Hs.26285:
 25 AF082516
 F-Y79AA1000480
 F-Y79AA1000538//ESTs//5.7e-09:110:77//Hs.98790:AA284871
 F-Y79AA1000539//ESTs//2.6e-52:412:77//Hs.81648:W26521
 F-Y79AA1000540//Homo sapiens chromosome 7q22 sequence//0.70:133:69//Hs.151555:AF053356
 30 F-Y79AA1000560//Homo sapiens gamma2-adaptin (G2AD) mRNA, complete cds//1.2e-07:371:63//Hs.8991:
 AF068706
 F-Y79AA1000574//Human mRNA for GC box binding protein, complete cds//0.95:258:62//Hs.150557:D31716
 F-Y79AA1000589//Homo sapiens clone 614 unknown mRNA, complete sequence//2.8e-154:755:97//Hs.21811:
 AF091080
 35 F-Y79AA10006277//Homo sapiens zinc finger protein (ZF5128) mRNA, complete cds//1.7e-136:644:98//Hs.60580:
 AF060503
 F-Y79AA1000705//Homo sapiens CHD1 mRNA, complete cds//0.0023:523:59//Hs.22670:AF006513
 F-Y79AA1000734//Homo sapiens peroxisomal biogenesis factor (PEX11b) mRNA, complete cds//1.6e-181:850:
 98//Hs.83023:AF093670
 40 F-Y79AA1000748//ESTs//4.2e-12:95:90//Hs.33687:R85969
 F-Y79AA1000752//ESTs//8.1e-114:551:97//Hs.153471:AI198377
 F-Y79AA1000774//ESTs//2.9e-59:296:98//Hs.150536:W20067
 F-Y79AA1000782//EST//0.97:78:69//Hs.147351:AI208468
 F-Y79AA1000784//Homo sapiens RanBP7/importin 7 mRNA, complete cds//1.1e-178:847:97//Hs.5151:
 45 AF098799
 F-Y79AA1000794//G-rich RNA sequence binding factor 1//0.83:228:61//Hs.79295:U07231
 F-Y79AA1000800//Homo sapiens GABA-B receptor mRNA, complete cds//0.12:244:60//Hs.12307:AF056085
 F-Y79AA1000802//Homo sapiens actin binding protein MAYVEN mRNA, complete cds//0.87:466:59//Hs.122967:
 AF059569
 50 F-Y79AA1000805
 F-Y79AA1000824//Titin//1.0:437:58//Hs.83049:X90568
 F-Y79AA1000827//Fatty acid synthase {3' region} [human, breast and HepG2 cells, mRNA Partial, 2237 nt//
 0.0048:630:57//Hs.83190:U29344
 F-Y79AA1000833//TUBULIN ALPHA-4 CHAIN//6.9e-107:603:90//Hs.75318:X06956
 55 F-Y79AA1000850//ESTs, Weakly similar to T22C1.7 [C.elegans]//6.0e-77:368:99//Hs.86660:AA398644
 F-Y79AA1000962//Homo sapiens orphan nuclear hormone receptor BD73 mRNA, 3' end//0.14:499:58//Hs.37288:
 D16815
 F-Y79AA1000966//ESTs//0.80:52:86//Hs.6671:AI341699

- F-Y79AA1000968//ESTs, Moderately similar to initiation factor eIF-2B gamma subunit [R.norvegicus]/6.9e-69:310:94//Hs.76822:AI359536
- F-Y79AA1000969//LYMPHOTOXIN-BETA RECEPTOR PRECURSOR//1.0:150:64//Hs.1116:L04270
- F-Y79AA1000976//Arachidonate 15-lipoxygenase//0.87:174:66//Hs.73809:M23892
- 5 F-Y79AA1000985//Human plectin (PLEC1) mRNA, complete cds//0.091:385:58//Hs.79706:U53204
- F-Y79AA1001023
- F-Y79AA1001041//Human mutY homolog (hMYH) gene, complete cds//0.99:37:100//Hs.78489:U63329
- F-Y79AA1001048//Acyl-Coenzyme A dehydrogenase, very long chain//8.7e-30:772:60//Hs.82208:L46590
- F-Y79AA1001061//ESTs//6.3e-41:303:84//Hs.55855:AA621381
- 10 F-Y79AA1001068//EST//3.0e-23:165:90//Hs.157607:AI357511
- F-Y79AA1001077//ESTs//4.9e-40:237:94//Hs.11197:AA309047
- F-Y79AA1001078
- F-Y79AA1001105//Homo sapiens homeodomain protein (OG12) mRNA, complete cds//6.5e-11:247:66//Hs.55967:AF022654
- 15 F-Y79AA1001145//ESTs//1.3e-20:234:75//Hs.55855:AA621381
- F-Y79AA1001167//Homo sapiens mRNA for KIAA0750 protein, complete cds//1.0:155:63//Hs.5444:AB018293
- F-Y79AA1001177//Human hSIH2 mRNA, complete cds//6.5e-09:299:65//Hs.20191:U76248
- F-Y79AA1001185//ESTs//1.7e-56:318:93//Hs.102991:AA639646
- F-Y79AA1001211//ESTs//9.1e-108:503:99//Hs.100605:AA305965
- 20 F-Y79AA1001216//Peroxisome receptor 1//0.00028:458:57//Hs.158084:Z48054
- F-Y79AA1001228//Fragile X mental retardation 2//0.040:207:64//Hs.54472:U48436
- F-Y79AA1001233//ESTRADIOL 17 BETA-DEHYDROGENASE 1//6.5e-25:731:60//Hs.85279:U34879
- F-Y79AA1001236//Homo sapiens mRNA for JM23 protein, complete coding sequence (clone IMAGE 34581 and IMAGE 45355 and LLNLc110I133Q7 (RZPD Berlin))//4.0e-135:441:97//Hs.23170:AJ005892
- 25 F-Y79AA1001281//ESTs//2.7e-21:157:88//Hs.163825:AI393240
- F-Y79AA1001299//Human Ini1 mRNA, complete cds//2.2e-116:323:93//Hs.155626:U04847
- F-Y79AA1001312//ESTs//3.7e-95:448:99//Hs.104469:W38395
- F-Y79AA1001323//ESTs//8.9e-50:340:86//Hs.144198:AI017555
- F-Y79AA1001384
- 30 F-Y79AA1001391//Human Hoxb-13 mRNA, complete cds//8.6e-42:505:70//Hs.66731:U81599
- F-Y79AA1001394//ESTs, Weakly similar to F54B3.3 [C.elegans]/1.5e-90:424:96//Hs.154221:H23167
- F-Y79AA1001402//ESTs//1.0:245:62//Hs.134695:AI088489
- F-Y79AA1001493//SRY (sex determining region Y)-box 4//0.38:311:61//Hs.83484:X70683
- F-Y79AA1001511//ESTs//9.9e-105:487:99//Hs.153581:AA630465
- 35 F-Y79AA1001533//ESTs, Highly similar to RETROVIRUS-RELATED POL POLYPROTEIN [Homo sapiens]/0.95:256:63//Hs.29974:AI360447
- F-Y79AA1001541//EST//0.96:202:61//Hs.99141:AA447744
- F-Y79AA1001548//ESTs//2.6e-25:166:90//Hs.164036:AA845659
- F-Y79AA1001555//ESTs//1.6e-35:191:97//Hs.52885:H29851
- 40 F-Y79AA1001581//Cyclin-dependept kinase inhibitor 1C (p57, Kip2)//2.5e-05:272:64//Hs.106070:U22398
- F-Y79AA1001585//ESTs//1.1e-84:473:93//Hs.42547:AA210783
- F-Y79AA1001594//ESTs//1.7e-08:169:71//Hs.97366:AA393109
- F-Y79AA1001603//ESTs//4.6e-07:429:59//Hs.160422:AI363426
- F-Y79AA1001613//Homo sapiens mRNA for KIAA0683 protein, complete cds//0.00078:520:57//Hs.12334:AB014583
- 45 F-Y79AA1001647//ESTs, Weakly similar to ZK1058.5 [C.elegans]/9.4e-79:421:94//Hs.107039:W27244
- F-Y79AA1001665//VON WILLEBRAND FACTOR PRECURSOR//1.0:386:60//Hs.110802:X04385
- F-Y79AA1001679//Guanine nucleotide binding protein (G protein), beta polypeptide 1//0.88:243:61//Hs.3620:X04526
- 50 F-Y79AA1001692//Insulin-like growth factor binding protein 2//1.9e-06:426:59//Hs.162:X16302
- F-Y79AA1001696//ESTs//2.3e-44:249:94//Hs.163665:AA250877
- F-Y79AA1001705//Homo sapiens interleukin-1 receptor-associated kinase (IRAK) mRNA, complete cds//0.19:609:58//Hs.77297:L76191
- F-Y79AA1001711//ESTs//5.2e-29:224:83//Hs.100461:AI018620
- 55 F-Y79AA1001781//Homo sapiens KIAA0443 mRNA, complete cds//0.49:183:66//Hs.113082:AB007903
- F-Y79AA1001805//ESTs//1.1e-62:315:98//Hs.16141:W56079
- F-Y79AA1001827//ESTs, Weakly similar to Similar to S.cerevisiae YD9335.03c protein [H.sapiens]/2.9e-62:313:98//Hs.15709:W81213

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F-Y79AA1001846//ESTs//9.4e-16:146:82//Hs.140588:H60533
 F-Y79AA1001848//ESTs, Weakly similar to KIAA0390 [H.sapiens]//1.6e-19:142:90//Hs.103349:AI141124
 F-Y79AA1001866//Homo sapiens mRNA for zinc finger protein 10//5.1e-09:215:67//Hs.104115:X52332
 F-Y79AA1001874//Homo sapiens Jagged 2 mRNA, complete cds//5.4e-06:412:62//Hs.106387:AF029778
 5 F-Y79AA1001875//ESTs//6.8e-09:198:67//Hs.138036:AI343173
 F-Y79AA1001923//Homo sapiens growth-arrest-specific protein (gas) mRNA, complete cds//0.98:430:58//Hs.78501:L13720
 F-Y79AA1001963//ESTs//8.1e-131:642:97//Hs.54971:AI424382
 F-Y79AA1002027//ESTs//0.00042:58:91//Hs.5375:AA620611
 10 F-Y79AA1002083//ESTs//2.5e-51:285:95//Hs.117205:W88943
 F-Y79AA1002089//ESTs, Weakly similar to putative p150 [H.sapiens]//8.3e-53:348:88//Hs.18122:AI338045
 F-Y79AA1002093
 F-Y79AA1002103//ESTs//1.5e-15:223:71//Hs.97427:AA411865
 F-Y79AA1002115
 15 F-Y79AA1002125//ESTs//6.5e-41:206:99//Hs.159257:N40395
 F-Y79AA1002139//ESTs, Weakly similar to B0035.14 [C.elegans]//1.2e-24:165:90//Hs.6473:AA853955
 F-Y79AA1002204//Homo sapiens mRNA for KIAA0638 protein, partial cds//9.5e-05:393:62//Hs.77864:AB014538
 F-Y79AA1002208//ESTs//2.7e-13:211:69//Hs.112469:AA598515
 F-Y79AA1002209//ESTs, Weakly similar to TYROSYL-TRNA SYNTHETASE [Bacillus caldovenax]//2.3e-113:568:96//Hs.111637:AA305890
 20 F-Y79AA1002210//ESTs, Weakly similar to D2045.8 [C.elegans]//8.6e-33:338:73//Hs.26662:U55984
 F-Y79AA1002211//ESTs//2.6e-15:121:75//Hs.159584:AA524477
 F-Y79AA1002220//EST//0.010:360:60//Hs.136341:AA482508
 F-Y79AA1002229//Human mRNA for KIAA0086 gene, complete cds//0.0041:203:63//Hs.1560:D42045
 25 F-Y79AA1002234//Homo sapiens mRNA for KIAA0692 protein, partial cds//4.1e-176:821:98//Hs.100729:AB014592
 F-Y79AA1002246//Human involucrin mRNA//5.6e-05:525:59//Hs.157091:M13903
 F-Y79AA1002258//Homo sapiens mRNA for KIAA0655 protein, partial cds//2.2e-160:748:98//Hs.96731:AB014555
 30 F-Y79AA1002298//ESTs//2.5e-05:115:77//Hs.87164:T84489
 F-Y79AA1002307//Homo sapiens mRNA for KIAA0634 protein, partial cds//2.1e-130:622:97//Hs.30898:AB014534
 F-Y79AA1002311//ESTs//4.9e-19:126:94//Hs.58595:AA830999
 F-Y79AA1002351//Human high conductance inward rectifier potassium channel alpha subunit mRNA, complete cds//0.028:587:58//Hs.2363:L36069
 35 F-Y79AA1002361//ESTs//8.7e-29:149:100//Hs.156074:AA824377
 F-Y79AA1002399
 F-Y79AA1002407//ESTs//1.5e-25:183:89//Hs.110031:T52569
 F-Y79AA1002416//CTP synthetase//9.1e-51:489:72//Hs.84112:X52142
 40 F-Y79AA1002431
 F-Y79AA1002433//EST//0.0037:94:71//Hs.136780:AA772318
 F-Y79AA1002472//Homo sapiens DNA from chromosome 19, BAC 33152//1.1e-37:263:69//Hs.55452:AC003973
 F-Y79AA1002482//ESTs//1.4e-49:313:80//Hs.132590:AI160765
 F-Y79AA1002487//Insulin-like growth factor binding protein 2//0.43:249:61//Hs.162:X16302
 45

Homology Search Result Data 5.

[0310] The result of the homology search of the Human Unigene using the clone sequence of 3'-end.

[0311] Data include

50 the name of clone,
 title of the top hit data,
 the P-value: the length of the compared sequence: identity (%), and
 the Accession No. of the top hit data, as in the order separated by //.

55 [0312] Blank indicates that the 3'-end sequence corresponding to the 5'-end was not determined in the clone.
 [0313] Data are not shown for the clones in which the P-value was higher than 1.

- R-HEMBA1000005//ESTs, Highly similar to HYPOTHETICAL 31.6 KD PROTEIN F54F2.9 IN CHROMOSOME III [Caenorhabditis elegans]/5.6e-93:501:93//Hs.13015:AA628434
- R-HEMBA1000030//Human POU domain protein (Bm-3b) mRNA, complete cds//0.83:314:61//Hs.266:U06233
- R-HEMBA1000042//Archain//1.4e-45:282:89//Hs.33642:X81198
- 5 R-HEMBA1000046//Human mRNA for KIAA0118 gene, partial cds//8.3e-52:528:72//Hs.154326:D42087
- R-HEMBA1000050//EST//0.043:155:63//Hs.149031:AI243340
- R-HEMBA1000076//ESTs//3.1e-77:394:97//Hs.111742:R39329
- R-HEMBA1000111//ESTs//1.7e-33:228:85//Hs.146811:AA410788
- R-HEMBA1000129//ESTs, Weakly similar to contains similarity to helicases [C.elegans]/4.4e-90:502:90//Hs.55918:AA151667
- 10 R-HEMBA1000141//Homo sapiens mRNA for KIAA0797 protein, partial cds//2.1e-100:514:94//Hs.27197:AB018340
- R-HEMBA1000150//Homo sapiens mRNA for KIAA0640 protein, partial cds//3.1e-45:435:77//Hs.153026:AB014540
- 15 R-HEMBA1000158//ESTs, Moderately similar to The KIAA0138 gene product is novel. [H.sapiens]/7.7e-92:428:100//Hs.126925:AA931237
- R-HEMBA1000158
- R-HEMBA1000180//ESTs, Weakly similar to F13B12.1 [C.elegans]/1.3e-05:58:91//Hs.5570:AI377863
- R-HEMBA1000180//ESTs//7.7e-90:461:95//Hs.159200:N50545
- 20 R-HEMBA1000185//ESTs//1.3e-72:371:96//Hs.134506:AA308366
- R-HEMBA1000193//ESTs//4.2e-103:481:99//Hs.143251:AA769927
- R-HEMBA1000201//Human Ini1 mRNA, complete cds//3.0e-25:137:99//Hs.155626:U04847
- R-HEMBA1000213//ESTs//5.4e-85:465:94//Hs.23412:AA133311
- R-HEMBA1000216//ESTs//3.0e-37:311:79//Hs.137875:AA993532
- 25 R-HEMBA1000231//EST//2.2e-100:498:96//Hs.161570:W80404
- R-HEMBA1000231//Homo sapiens KIAA0414 mRNA, partial cds//2.7e-34:287:70//Hs.127649:AB007874
- R-HEMBA1000243//Homo sapiens mRNA for KIAA0475 protein, complete cds//1.3e-23:276:75//Hs.5737:AB007944
- R-HEMBA1000244//ESTs//2.3e-88:455:96//Hs.8929:AA719019
- 30 R-HEMBA1000251//ESTs//0.96:411:56//Hs.120277:AI243808
- R-HEMBA1000264//ESTs//3.7e-97:487:96//Hs.29258:W37424
- R-HEMBA1000264//ESTs, Moderately similar to ovarian-specific protein [R.norvegicus]/4.9e-14:208:73//Hs.93332:AA811920
- R-HEMBA1000282//ESTs//2.5e-38:216:94//Hs.120757:R92485
- 35 R-HEMBA1000288//ESTs//2.6e-43:289:86//Hs.151365:AA643962
- R-HEMBA1000290//ESTs//5.1e-110:543:96//Hs.139068:AA516409
- R-HEMBA1000302//Homo sapiens mRNA for KIAA0527 protein, partial cds//1.0:122:67//Hs.129748:AB011099
- R-HEMBA1000351//ESTs//7.4e-76:386:97//Hs.22276:AA191323
- R-HEMBA1000351//Human Ca²⁺-dependent activator protein for secretion mRNA, complete cds//8.8e-30:160:98//Hs.151301:U36448
- 40 R-HEMBA1000307//ESTs, Highly similar to 8A-2V protein [M.musculus]/1.1e-103:489:99//Hs.108881:AI018024
- R-HEMBA1000338//EST//5.1e-49:278:92//Hs.150815:AI302560
- R-HEMBA1000351//Human high-affinity copper uptake protein (hCTR1) mRNA, complete cds//1.1e-42:270:88//Hs.73614:U83460
- 45 R-HEMBA1000355//ESTs//1.0e-105:531:96//Hs.61762:AI422243
- R-HEMBA1000357//Human kpni repeat mrna (cdna clone pcd-kpni-4), 3' end//9.4e-89:432:87//Hs.139107:K00629
- R-HEMBA1000366//ESTs//1.1e-99:524:95//Hs.11785:T65857
- 50 R-HEMBA1000369//ESTs//6.5e-70:355:96//Hs.124847:AA843938
- R-HEMBA1000376//Human mRNA for KIAA0205 gene, complete cds//3.6e-44:388:77//Hs.3610:D86960
- R-HEMBA1000387//Human high-affinity copper uptake protein (hCTR1) mRNA, complete cds//5.5e-47:337:83//Hs.73614:U83460
- R-HEMBA1000390//Oxytocin receptor//2.4e-16:428:62//Hs.2820:X64878
- 55 R-HEMBA1000392//ESTs//3.9e-105:531:96//Hs.130661:AI340248
- R-HEMBA1000396//ESTs, Weakly similar to line-1 protein ORF2 [H.sapiens]/1.1e-44:447:75//Hs.42849:N31920
- R-HEMBA1000411//ESTs, Weakly similar to ankyrin 3, long form [H.sapiens]/6.1e-92:373:99//Hs.48675:AI005282

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R-HEMBA1000418//ESTs//3.1e-66:315:100//Hs.94133:AI270700
 R-HEMBA1000422//ESTs//1.6e-99:464:99//Hs.33024:AA002140
 R-HEMBA1000428//Homo sapiens mRNA for oligophrenin 1//4.9e-85:535:87//Hs.158122:AJ001189
 R-HEMBA1000434//ESTs//3.7e-53:266:99//Hs.22782:Z38143
 5 R-HEMBA1000442//ESTs//0.93:322:57//Hs.144763:AI218014
 R-HEMBA1000456//ESTs//4.1e-48:277:93//Hs.6937:AA524349
 R-HEMBA1000459//ESTs//0.010:184:63//Hs.128797:AI246316
 R-HEMBA1000460
 R-HEMBA1000464//EST//0.082:87:70//Hs.147977:AI262370
 10 R-HEMBA1000469//Small inducible cytokine A5 (RANTES)//1.4e-65:494:81//Hs.155464:AF088219
 R-HEMBA1000488//ESTs, Weakly similar to The KIAA0132 gene product is related to Drosophila melanogaster ring canel protein. [H.sapiens]//1.1e-31:181:94//Hs.61454:AA312449
 R-HEMBA1000490//ESTs//6.4e-17:132:86//Hs.32855:N25528
 R-HEMBA1000491//ESTs//2.2e-22:171:85//Hs.8035:AA195087
 15 R-HEMBA1000504//ESTs//0.016:282:58//Hs.130778:AI077571
 R-HEMBA1000505//EST//6.1e-15:116:87//Hs.162783:AA627318
 R-HEMBA1000508//ESTs//1.1e-28:244:81//Hs.132722:AA618531
 R-HEMBA1000518//EST//0.60:141:60//Hs.97831:AA400885
 R-HEMBA1000519//ESTs//2.8e-64:334:96//Hs.97885:AA402414
 20 R-HEMBA1000520//ESTs//6.9e-104:503:97//Hs.18370:AA947280
 R-HEMBA1000523//Cleavage stimulation factor, 3' pre-RNA, subunit 3, 77kD//4.0e-55:203:92//Hs.155510:U15782
 R-HEMBA1000531//ESTs, Weakly similar to HEAT SHOCK 70 KD PROTEIN 1 [H.sapiens]//1.3e-117:550:99//Hs.99722:AI422277
 25 R-HEMBA1000540//ESTs//4.7e-72:350:98//Hs.109755:AA180809
 R-HEMBA1000545//Homo sapiens clone 23892 mRNA sequence//3.7e-68:549:80//Hs.91916:AF035317
 R-nnnnnnnnnnnnn//ESTs//2.3e-66:342:97//Hs.71916:AA219699
 R-HEMBA1000557//EST//1.5e-49:297:90//Hs.149580:AI281881
 R-HEMBA1000561//ESTs, Moderately similar to zinc finger protein [R.norvegicus]//1.8e-108:550:96//Hs.26799:W74481
 30 R-HEMBA1000563//Adenosine kinase//0.16:367:58//Hs.94382:U50196
 R-HEMBA1000568//ESTs//5.1e-42:321:82//Hs.141024:H07128
 R-nnnnnnnnnnnnn
 R-HEMBA1000575//ESTs//3.8e-45:352:80//Hs.146811:AA410788
 35 R-HEMBA1000588//ESTs//0.18:122:67//Hs.140507:AA761944
 R-HEMBA1000591//Homo sapiens mRNA for EIB-55kDa-associated protein//3.9e-113:591:94//Hs.155218:AJ007509
 R-HEMBA1000592//TYROSINE-PROTEIN KINASE
 ITK/TSK//0.024:309:61//Hs.89519:L10717
 40 R-HEMBA1000594//ESTs//8.6e-07:172:68//Hs.160289:AI168041
 R-HEMBA1000604//Human telomerase-associated protein TP-1 mRNA, complete cds//1.5e-19:129:93//Hs.158334:U86136
 R-HEMBA1000608//ESTs//2.2e-95:506:94//Hs.6103:AA496424
 R-HEMBA1000622//ESTs//3.8e-10:440:61//Hs.137538:AA769438
 45 R-HEMBA1000636//ESTs, Weakly similar to 50S RIBOSOMAL PROTEIN L20 [E.coli]//1.4e-86:422:97//Hs.26252:AA643235
 R-HEMBA1000637//Homo sapiens mRNA for KIAA0690 protein, partial cds//3.7e-99:443:97//Hs.60103:AB014590
 R-HEMBA1000655//Human mRNA for KIAA0392 gene, partial cds//1.3e-50:426:79//Hs.40100:AB002390
 50 R-HEMBA1000657//ESTs//3.0e-74:419:93//Hs.109477:AA477929
 R-HEMBA1000662//EST//1.1e-90:425:99//Hs.122144:AA780136
 R-HEMBA1000673//ESTs//1.2e-101:473:99//Hs.138215:AI123922
 R-HEMBA1000682//ESTs, Weakly similar to putative pi 50 [H.sapiens]//3.5e-114:553:97//Hs.111730:AA604403
 R-HEMBA1000686//ESTs, Weakly similar to C27F2.7 gene product [C.elegans]//6.8e-18:137:86//Hs.7049:AI141736
 55 R-HEMBA1000702//Human mRNA for tryptophan hydroxylase (EC 1.14.16.4)//7.4e-52:345:84//Hs.144563:AF057280
 R-HEMBA1000705//EST//0.21:139:63//Hs.132687:AI033672

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R-HEMBA1000719//ESTs//8.4e-90:484:94//Hs.29005:AA477213
R-HEMBA1000722//ESTs, Weakly similar to similar to enoyl-CoA hydratases/isomerases [C.elegans]//7.2e-113:572:95//Hs.28644:AI018612
R-HEMBA1000726//ERYTHROCYTE BAND 7 INTEGRAL MEMBRANE PROTEIN//2.8e-40:449:75//Hs.74478:U33931
5 R-HEMBA1000727//ESTs//0.0047:267:60//Hs.133095:AA927777
R-HEMBA1000747//EST//3.9e-20:160:85//Hs.99048:AA446110
R-HEMBA1000749//Small inducible cytokine A5 (RANTES)//4.7e-37:286:82//Hs.155464:AF088219
R-HEMBA1000752//EST//0.041:39:94//Hs.127772:AA961131
10 R-HEMBA1000769//Homo sapiens mRNA for chemokine LEC precursor, complete cds//1.6e-32:309:75//Hs.10458:AF088219
R-HEMBA1000773//EST//7.5e-05:201:63//Hs.122887:AA767612
R-HEMBA1000774//Kangai 1 (suppression of tumorigenicity 6, prostate; CD82 antigen (R2 leukocyte antigen, antigen detected by monoclonal and antibody IA4))//1.3e-48:284:90//Hs.103458:X53795
15 R-HEMBA1000791//Human mRNA for KIAA0118 gene, partial cds//1.2e-45:291:87//Hs.154326:D42087
R-HEMBA1000817//ESTs//8.3e-95:445:99//Hs.107357:AA983939
R-HEMBA1000822//ESTs//1.1e-107:522:97//Hs.92832:AA631027
R-HEMBA1000827//Homo sapiens Ser/Arg-related nuclear matrix protein (SRM160) mRNA, complete cds//2.2e-44:228:98//Hs.18192:AF048977
20 R-HEMBA1000843//Homo sapiens LIM protein mRNA, complete cds//6.6e-46:410:77//Hs.154103:AF061258
R-HEMBA1000851
R-HEMBA1000852//Aldehyde dehydrogenase 10 (fatty aldehyde dehydrogenase)//3.7e-33:284:80//Hs.159608:U46689
R-HEMBA1000867//EST//2.0e-17:211:74//Hs.145670:AI265794
25 R-HEMBA1000869//ESTs//3.1e-16:237:71//Hs.116518:AA653202
R-HEMBA1000870//ESTs//1.6e-43:222:98//Hs.69564:AA203608
R-HEMBA1000872//ESTs//1.9e-93:453:98//Hs.152622:AA594951
R-HEMBA1000876//Small inducible cytokine A5 (RANTES)//3.0e-41:329:79//Hs.155464:AF088219
R-HEMBA1000908//ESTs//1.6e-51:291:92//Hs.12247:AI203154
30 R-HEMBA1000910//EST//0.98:139:64//Hs.132687:AI033672
R-HEMBA1000918//EST//9.6e-30:152:84//Hs.162136:AA526508
R-HEMBA1000919
R-HEMBA1000934//ESTs//4.1e-38:254:89//Hs.87784:AA460597
R-HEMBA1000942//ESTs//3.5e-20:172:69//Hs.160065:AI018619
35 R-HEMBA1000943//Homo sapiens mRNA for KIAA0748 protein, complete cds//1.3e-44:281:78//Hs.33187:AB018291
R-HEMBA1000946//ESTs//1.6e-68:352:96//Hs.21331:H93074
R-HEMBA1000960//Homo sapiens tapasin (NGS-17) mRNA, complete cds//4.0e-61:347:81//Hs.5247:AF029750
R-HEMBA1000968//Homo sapiens mRNA, chromosome 1 specific transcript KIAA0508//6.8e-51:362:84//Hs.159187:AB007977
40 R-HEMBA1000971//ESTs//2.8e-41:246:91//Hs.104287:AI363498
R-HEMBA1000972//Homo sapiens mRNA for XPR2 protein//7.3e-44:341:81//Hs.44766:AJ007590
R-HEMBA1000974//ESTs//1.4e-32:166:100//Hs.149274:AI018170
R-HEMBA1000975//Oxytocin receptor//2.7e-46:563:73//Hs.2820:X64878
45 R-HEMBA1000985//ESTs//4.4e-05:125:69//Hs.147434:AI214464
R-HEMBA1000986//ESTs//7.8e-44:266:84//Hs.163784:N54902
R-HEMBA1000991//EST//1.4e-42:162:86//Hs.149580:AI281881
R-HEMBA1001007
R-HEMBA1001008//ESTs//2.3e-82:463:92//Hs.10339:AA058764
50 R-HEMBA1001009//ESTs, Weakly similar to non-lens beta gamma-crystallin like protein [H.sapiens]//2.6e-58:280:100//Hs.128738:AA970836
R-HEMBA1001017//Homo sapiens mRNA for KIAA0468 protein, complete cds//3.3e-115:587:95//Hs.158287:AB007937
R-HEMBA1001019//Cell division cycle 2, G1 to S and G2 to M//1.1e-24:140:95//Hs.58393:X05360
55 R-HEMBA1001020//ESTs//0.52:86:72//Hs.69683:AA115292
R-HEMBA1001022//ESTs//3.4e-18:102:100//Hs.63243:AI123912
R-HEMBA1001024//ESTs//1.9e-07:262:61//Hs.124399:AA832336
R-HEMBA1001026//ESTs//0.0017:142:67//Hs.144109:AI345543

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R-nnnnnnnnnnnnn//Ankyrin G//0.23:244:60//Hs.75893:U13616
R-HEMBA1001051//Homo sapiens mRNA for KIAA0621 protein, partial cds//6.4e-21:186:79//Hs.132942:AB014521
R-HEMBA1001052//ESTs//5.4e-107:497:99//Hs.121773:AI357886
5 R-HEMBA1001060//ESTs//1.1e-31:298:80//Hs.24821:AA044813
R-HEMBA1001071//Alpha-1 type 3 collagen//9.1e-34:179:98//Hs.119571:X14420
R-HEMBA1001077//Homo sapiens mRNA, chromosome 1 specific transcript KIAA0492//2.7e-21:417:64//Hs.127338:AB007961
R-HEMBA1001080
10 R-HEMBA1001085//ESTs//1.9e-47:385:79//Hs.146811:AA410788
R-HEMBA1001088//ESTs//2.8e-102:548:93//Hs.127273:AA522674
R-HEMBA1001094
R-HEMBA1001099//ESTs//0.24:41:97//Hs.18612:T99245
R-HEMBA1001109//Small inducible cytokine A5 (RANTES)//2.4e-46:396:80//Hs.155464:AF088219
15 R-HEMBA1001121//ESTs//1.7e-15:216:71//Hs.141605:H92974
R-HEMBA1001122//ESTs//2.0e-90:474:94//Hs.107884:AA131320
R-HEMBA1001123//B-CELL GROWTH FACTOR PRECURSOR//2.7e-45:319:84//Hs.99879:M15530
R-HEMBA1001133//ESTs//1.2e-92:443:99//Hs.99626:AA632341
R-HEMBA1001137//ESTs//2.0e-86:426:97//Hs.157103:W60265
20 R-HEMBA1001140//Small inducible cytokine A5 (RANTES)//2.9e-45:323:83//Hs.155464:AF088219
R-HEMBA1001172//ESTs, Moderately similar to !!!! ALU SUBFAMILY J WARNING ENTRY !!!! [H.sapiens]//1.1e-39:309:82//Hs.96337:AA225358
R-HEMBA1001174//Homo sapiens mRNA, chromosome 1 specific transcript KIAA0492//0.21:238:60//Hs.127338:AB007961
25 R-HEMBA1001197//ESTs//0.010:388:61//Hs.14881:R91896
R-HEMBA1001208//ESTs, Highly similar to Similar to S.cerevisiae hypothetical protein 5 [H.sapiens]//0.27:305:62//Hs.100238:U69194
R-HEMBA1001226//Homo sapiens PYRIN (MEFV) mRNA, complete cds//5.0e-54:333:81//Hs.113283:AF018080
R-HEMBA1001235//EST//2.3e-07:42:92//Hs.141620:N63316
30 R-HEMBA1001247//ESTs, Weakly similar to WWP2 [H.sapiens]//2.9e-20:160:87//Hs.103102:W55932
R-HEMBA1001257//ESTs//3.3e-112:544:97//Hs.128749:AA779728
R-HEMBA1001265//ESTs//8.7e-116:564:98//Hs.155150:AI061435
R-nnnnnnnnnnnnn//ESTs, Weakly similar to Lpa8p [S.cerevisiae]//2.4e-35:239:87//Hs.103919:AA159181
R-HEMBA1001286//ESTs//1.4e-97:507:95//Hs.26244:AI352674
35 R-HEMBA1001289//ESTs//8.2e-44:122:96//Hs.76267:AA877534
R-HEMBA1001294//ESTs//1.0:140:65//Hs.149638:AI298324
R-HEMBA1001299//Small inducible cytokine A5 (RANTES)//1.1e-45:307:84//Hs.155464:AF088219
R-HEMBA1001302//Homo sapiens mRNA for APC 2 protein, complete cds//0.53:89:68//Hs.20912:AB012162
R-HEMBA1001303//EST//0.00053:271:60//Hs.156148:AI333214
40 R-HEMBA1001310//ESTs//1.4e-91:486:93//Hs.86228:AA206019
R-HEMBA1001319//ESTs//0.051:228:61//Hs.99404:AA953977
R-HEMBA1001323//ESTs//6.2e-83:401:98//Hs.47343:AI282950
R-HEMBA1001326//ESTs, Weakly similar to HYPOTHETICAL 55.1 KD PROTEIN IN FAB1-PES4 INTERGENIC REGION [S.cerevisiae]//1.3e-77:458:92//Hs.9398:N41838
45 R-HEMBA1001327//ESTs//0.60:251:58//Hs.117162:AA701259
R-HEMBA1001330//Homo sapiens PYRIN (MEFV) mRNA, complete cds//1.1e-46:249:78//Hs.113283:AF018080
R-HEMBA1001351//ESTs//0.13:230:57//Hs.138510:R94816
R-HEMBA1001361//ESTs//3.5e-107:570:94//Hs.7727:AA142837
R-HEMBA1001375//ESTs//1.1e-96:454:99//Hs.59584:AA587334
50 R-HEMBA1001377//ESTs//8.5e-91:459:95//Hs.61859:AA628550
R-HEMBA1001383//ESTs//0.077:381:58//Hs.163093:AA745458
R-HEMBA1001387//ESTs//2.0e-85:405:99//Hs.152127:AI246482
R-HEMBA1001388//ESTs//1.5e-83:395:99//Hs.105191:AA133439
R-HEMBA1001391//ESTs//7.7e-90:455:96//Hs.120905:R22204
55 R-HEMBA1001398//Thromboxane A2 receptor//4.0e-46:279:89//Hs.89887:D38081
R-HEMBA1001405//ESTs//1.2e-98:485:97//Hs.73287:W16714
R-HEMBA1001407//ESTs//2.2e-76:365:99//Hs.110128:AA584364
R-HEMBA1001411//ESTs//1.2e-102:476:100//Hs.143162:AI380343

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R-HEMBA1001413//ESTs//3.7e-66:321:98//Hs.152472:AA041199
 R-HEMBA1001415
 R-HEMBA1001432//Putative mismatch repair/binding protein hMSH3//7.9e-42:183:82//Hs.42674:U61981
 R-HEMBA1001433//ESTs//1.4e-34:240:77//Hs.95611:U51704
 5 R-HEMBA1001435//ESTs//5.6e-23:292:70//Hs.116315:AA629263
 R-HEMBA1001442//ESTs//0.7e-414:58//Hs.156189:AI419982
 R-HEMBA1001446//ESTs//2.2e-95:447:99//Hs.154091:AA767546
 R-HEMBA1001450//ESTs//1.0e-93:491:94//Hs.16130:AA195077
 R-HEMBA1001454//Human Line-1 repeat mRNA with 2 open reading frames//1.7e-47:304:88//Hs.23094:M19503
 10 R-HEMBA1001455//ESTs//7.1e-103:482:99//Hs.97407:AI417220
 R-HEMBA1001463
 R-HEMBA1001476//Human mRNA for KIAA0186 gene, complete cds//2.0e-25:409:66//Hs.36232:D80008
 R-HEMBA1001478
 R-HEMBA1001497
 15 R-HEMBA1001510//ESTs//3.3e-44:381:78//Hs.139882:AA864426
 R-HEMBA1001515//Human Line-1 repeat mRNA with 2 open reading frames//5.9e-79:528:84//Hs.23094:M19503
 R-HEMBA1001517//ESTs//5.8e-32:272:81//Hs.119512:AA487269
 R-HEMBA1001522//ESTs//1.7e-84:364:95//Hs.117858:AA-702493
 R-HEMBA1001526//ESTs//1.8e-93:527:93//Hs.10624:N64723
 20 R-HEMBA1001533//ESTs//1.9e-42:211:100//Hs.55830:AA580270
 R-HEMBA1001557//ESTs//4.2e-83:413:97//Hs.47546:AA181348
 R-HEMBA1001566//Small inducible cytokine A5 (RANTES)//3.4e-50:304:88//Hs.155464:AF088219
 R-HEMBA1001569//POU domain, class 3, transcription factor 4//2.3e-06:259:62//Hs.2229:X82324
 R-HEMBA1001570//Homo sapiens pendrin (PDS) mRNA, complete cds//3.5e-47:456:77//Hs.159275:AF030880
 25 R-HEMBA1001579//ESTs//0.11:299:60//Hs.106090:AA457030
 R-HEMBA1001581//ESTs//0.016:350:61//Hs.124664:AI015652
 R-HEMBA1001585//Human mRNA for KIAA0331 gene, complete cds//0.30:251:63//Hs.146395:AB002329
 R-HEMBA1001589
 R-HEMBA1001595//ESTs, Weakly similar to SEPTIN 2 [D.melanogaster]//6.9e-71:431:88//Hs.26625:W25874
 30 R-HEMBA1001608//Human kpni repeat mrna (cdna clone pcd-kpni-8), 3' end//1.3e-73:533:82//Hs.103948:
 K00627
 R-HEMBA1001620//ESTs, Highly similar to MYO-INOSITOL-1-PHOSPHATE SYNTHASE [Arabidopsis thaliana]
 //4.5e-93:537:90//Hs.20218:AA628530
 R-HEMBA1001636//ESTs//4.9e-53:267:97//Hs.47459:AA700158
 35 R-HEMBA1001640//ESTs//2.9e-27:299:72//Hs.65236:AA927623
 R-HEMBA1001655//ESTs, Weakly similar to Mi-2 protein [H.sapiens]//1.2e-86:442:95//Hs.63888:AA203398
 R-HEMBA1001658
 R-HEMBA1001658
 40 R-HEMBA1001661//Homo sapiens protocadherin 68 (PCH68) mRNA, complete cds//1.3e-16:427:61//Hs.106511:
 AF029343
 R-HEMBA1001672//Homo sapiens methyl-CpG binding protein MBD3 (MBD3) mRNA, complete cds//1.4e-93:493:
 92//Hs.107254:AC005943
 R-HEMBA1001675
 45 R-HEMBA1001678//Homo sapiens voltage dependent anion channel protein mRNA, complete cds//4.2e-103:534:
 94//Hs.7381:AF038962
 R-HEMBA1001681//ESTs//6.0e-49:292:92//Hs.65588:AA523424
 R-HEMBA1001702//ESTs//9.0e-98:478:97//Hs.28661:AA805916
 R-HEMBA1001709//Homo sapiens mRNA for KIAA0698 protein, complete cds//6.3e-98:483:96//Hs.31720:
 50 AB014598
 R-HEMBA1001711//ESTs//5.8e-83:398:98//Hs.34804:AA514960
 R-HEMBA1001712//ESTs//0.028:202:63//Hs.105790:AA528095
 R-HEMBA1001714//ESTs, Highly similar to ATPASE INHIBITOR, MITOCHONDRIAL PRECURSOR [Rattus nor-
 vegicus]//1.8e-46:236:98//Hs.132948:AA194452
 55 R-HEMBA1001718//Small inducible cytokine A5 (RANTES)//8.6e-43:166:88//Hs.155464:AF088219
 R-HEMBA1001723//ESTs, Highly similar to HYPOTHETICAL TRP-ASP REPEATS CONTAINING PROTEIN IN
 SIS1-MRPL2 INTERGENIC REGION [Saccharomyces cerevisiae]//7.1e-88:431:96//Hs.29203:AI344105
 R-HEMBA1001731//EST//0.25:100:68//Hs.149171:AI245712

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R-HEMBA1001734//Human mRNA for KIAA0355 gene, complete cds//2.6e-39:366:77//Hs.153014:AB002353
R-HEMBA1001744
R-HEMBA1001745//ESTs//6.6e-05:244:62//Hs.157663:AI358623
R-HEMBA1001746//EST//4.9e-65:409:88//Hs.124673:AA858162
5 R-HEMBA1001761//ESTs//1.9e-44:315:84//Hs.159510:AA297145
R-HEMBA1001781//ESTs//3.0e-98:462:99//Hs.60059:AI057306
R-HEMBA1001784//EST//1.0e-12:250:68//Hs.152366:AA486721
R-HEMBA1001791//EST//1.4e-47:292:89//Hs.163333:AA879053
R-HEMBA1001800//ESTs//8.4e-37:314:79//Hs.105151:AA970243
10 R-HEMBA1001803//ESTs//4.5e-99:465:99//Hs.135159:AI095823
R-nnnnnnnnnnnn//Zinc finger protein 148 (pHZ-52)//0.78:232:57//Hs.112180:AF039019
R-HEMBA1001808//Homo sapiens mRNA, chromosome 1 specific transcript KIAA0500//9.0e-114:548:98//Hs.118164:AB007969
R-HEMBA1001809//EST//3.8e-63:292:89//Hs.158591:AI369334
15 R-HEMBA1001815//Calcium modulating ligand//1.1e-47:299:87//Hs.13572:AF068179
R-HEMBA1001819//ZINC FINGER PROTEIN HF.12//1.2e-16:259:69//Hs.155470:X07290
R-HEMBA1001820//ESTs//2.6e-86:404:100//Hs.112881:AA620707
R-nnnnnnnnnnnn//ESTs//2.2e-101:480:99//Hs.159940:AA971578
R-HEMBA1001824//ESTs, Weakly similar to MATRIN 3 [H.sapiens]//6.2e-27:147:97//Hs.23476:AA401210
20 R-HEMBA1001835//EST//0.79:216:64//Hs.47437:N52250
R-HEMBA1001844//ESTs//4.7e-62:319:95//Hs.55200:N98513
R-HEMBA1001847//ESTs//2.3e-102:522:95//Hs.20879:AA845446
R-HEMBA1001861//Homo sapiens mRNA for KIAA0617 protein, complete cds//1.1e-109:553:96//Hs.78946:AB014517
25 R-HEMBA1001864//ESTs//7.4e-94:449:99//Hs.132776:AI142853
R-HEMBA1001866//Myelin oligodendrocyte glycoprotein {alternative products}//1.9e-37:357:76//Hs.53217:Z48051
R-nnnnnnnnnnnn//ESTs, Weakly similar to trithorax homolog HTX, version 2 [H.sapiens]//2.3e-32:193:94//Hs.9489:R84329
30 R-HEMBA1001888//H.sapiens mRNA for urea transporter//2.0e-47:425:78//Hs.66710:X96969
R-HEMBA1001896//ESTs//3.5e-56:274:99//Hs.129018:H03128
R-HEMBA1001910
R-HEMBA1001912//ESTs, Weakly similar to !!!! ALU SUBFAMILY J WARNING ENTRY !!!! [H.sapiens]//1.5e-73:347:100//Hs.30991:AA994438
35 R-HEMBA1001913//ESTs, Highly similar to GCN20 PROTEIN [Saccharomyces cerevisiae]//5.1e-57:320:91//Hs.91251:U66685
R-HEMBA1001915//ESTs//4.9e-88:459:95//Hs.122810:AI273706
R-HEMBA1001918//ESTs//1.2e-106:505:99//Hs.98518:AI027125
R-HEMBA1001921//Homo sapiens germinal center kinase related protein kinase mRNA, complete cds//5.5e-107:534:96//Hs.154934:AF000145
40 R-HEMBA1001939//ESTs, Moderately similar to !!!! ALU SUBFAMILY J WARNING ENTRY !!!! [H.sapiens]//2.9e-99:482:98//Hs.96849:AA879470
R-HEMBA1001940//Human mRNA for KIAA0392 gene, partial cds//5.6e-45:336:82//Hs.40100:AB002390
R-HEMBA1001942//EST//2.6e-84:397:99//Hs.145444:AI203668
45 R-HEMBA1001945//ESTs//1.4e-92:437:99//Hs.144565:AI192452
R-HEMBA1001950//ESTs//3.9e-43:280:88//Hs.84429:N28866
R-HEMBA1001960//ESTs//0.040:243:62//Hs.29567:AA640421
R-HEMBA1001962//ESTs//0.0071:113:69//Hs.49792:N70048
R-HEMBA1001964//ESTs//3.0e-38:239:87//Hs.158126:W26825
50 R-HEMBA1001967//Human DNA sequence from clone 341E18 on chromosome 6p11.2-12.3. Contains a Serine/Threonine Protein Kinase gene (presumptive isolog of a Rat gene) and a novel alternatively spliced gene. Contains a putative CpG island, ESTs and GSSs//1.8e-106:517:97//Hs.11050:AL031178
R-HEMBA1001979//EST//0.039:167:63//Hs.129451:AA993932
R-HEMBA1001987//ESTs//3.1e-44:320:83//Hs.136839:H93717
55 R-HEMBA1001991//Human mRNA for KIAA0355 gene, complete cds//9.5e-47:303:88//Hs.153014:AB002353
R-HEMBA1002003//Homo sapiens mRNA for protein phosphatase 2C (beta)//1.6e-91:448:97//Hs.5687:AJ005801
R-HEMBA1002008//ESTs//9.2e-47:297:87//Hs.142314:AA347930
R-HEMBA1002018//ESTs//9.4e-21:118:97//Hs.7871:AI041837

R-HEMBA1002022//Human mRNA for KIAA0075 gene, partial cds//0.25:196:63//Hs.1189:D38550
 R-HEMBA1002035//ESTs//7.7e-101:475:99//Hs.8858:AI131538
 R-HEMBA1002039//H.sapiens mRNA for phosphoinositide 3-kinase//0.68:256:64//Hs.101238:Y11312
 5 R-HEMBA1002049//Homo sapiens mRNA for KIAA0563 protein, complete cds//2.4e-51:254:85//Hs.15731:AB011135
 R-HEMBA1002084//EST//0.31:219:60//Hs.162396:AA572764
 R-HEMBA1002092//EST//6.4e-72:342:99//Hs.148533:AI200996
 R-HEMBA1002100//EST//5.6e-38:258:85//Hs.103094:W52354
 R-HEMBA1002102//Thiopurine S-methyltransferase//1.4e-46:403:79//Hs.51124:AF019369
 10 R-HEMBA1002113//Prostaglandin 12 (prostacyclin) synthase //1.4e-76:280:90//Hs.61333:D83402
 R-HEMBA1002119//Homo sapiens OR7E12P pseudogene, complete sequence//1.4e-87:362:94//Hs.103443:AF065854
 R-HEMBA1002125//ESTs, Weakly similar to Y53C12A.3 [C.elegans]//1.7e-16:94:100//Hs.107747:AI357868
 R-HEMBA1002139//H.sapiens mRNA for nebulin//0.0019:68:88//Hs.83870:X83957
 15 R-HEMBA1002144//ESTs//3.1e-30:259:72//Hs.141575:AA211734
 R-HEMBA1002150//ESTs//7.1e-105:543:95//Hs.32275:AA595199
 R-HEMBA1002151//ESTs//2.2e-35:178:100//Hs.77703:W19642
 R-HEMBA1002153//EST//4.5e-49:458:77//Hs.141708:W44337
 R-HEMBA1002160//Homo sapiens nephrocystin (NPHP1) mRNA, partial cds//1.4e-36:400:75//Hs.75474:AF023674
 20 R-HEMBA1002161//Homo sapiens EVI5 homolog mRNA, complete cds//1.9e-33:294:77//Hs.26929:AF008915
 R-HEMBA1002162//ESTs//1.0e-47:317:85//Hs.48919:N64043
 R-HEMBA1002166//Thromboxane A2 receptor//6.8e-46:296:81//Hs.89887:D38081
 R-HEMBA1002177//EST//2.6e-42:215:99//Hs.116880:AA662457
 25 R-HEMBA1002185//Homo sapiens class-I MHC-restricted T cell associated molecule (CRTAM) mRNA, complete cds//6.0e-42:419:73//Hs.159523:AF001622
 R-HEMBA1002189//Homo sapiens mRNA for KIAA0792 protein, complete cds//1.4e-29:244:72//Hs.119387:AB007958
 R-HEMBA1002191//ESTs//2.6e-31:275:66//Hs.133852:AI076357
 30 R-HEMBA1002199//Human Line-1 repeat mRNA with 2 open reading frames//4.3e-84:557:84//Hs.23094:M19503
 R-HEMBA1002204//EST//0.00057:113:71//Hs.144868:AI202342
 R-HEMBA1002212//ESTs//1.5e-48:277:93//Hs.104741:AI393315
 R-HEMBA1002215//ESTs//1.1e-23:158:90//Hs.152529:AA897151
 R-HEMBA1002226//Homo sapiens mRNA for KIAA0706 protein, complete cds//5.1e-21:230:75//Hs.139648:AB014606
 35 R-HEMBA1002229//Homo sapiens growth suppressor related (DOC-1R) mRNA, complete cds//1.5e-47:238:98//Hs.25664:AF089814
 R-HEMBA1002237//ESTs//6.9e-35:357:76//Hs.116518:AA653202
 R-HEMBA1002253//EST//6.0e-19:125:81//Hs.140596:AA829426
 40 R-HEMBA1002257
 R-HEMBA1002267//ESTs, Weakly similar to HYPOTHETICAL 27.8 KD PROTEIN IN VMA7-RPS31A INTERGENIC REGION [S.cerevisiae]//1.3e-31:201:91//Hs.114673:W72675
 R-HEMBA1002270//ESTs//4.6e-100:483:97//Hs.34940:AI264314
 R-HEMBA1002321//ESTs//2.3e-85:403:99//Hs.120388:AA723595
 45 R-HEMBA1002328//ESTs//1.3e-90:423:100//Hs.117936:AI280818
 R-HEMBA1002337//ESTs//8.7e-24:147:93//Hs.9893:AA007679
 R-HEMBA1002341//Homo sapiens mRNA for KIAA0771 protein, partial cds//7.8e-130:642:96//Hs.6162:AB018314
 R-HEMBA1002348//ESTs//5.0e-71:387:93//Hs.30494:H04822
 50 R-HEMBA1002349//ESTs//9.7e-88:420:98//Hs.132972:AA543094
 R-nnnnnnnnnnnn//Homo sapiens chromosome-associated protein-E (hCAP-E) mRNA, complete cds//3.9e-123:661:93//Hs.119023:AF092563
 R-HEMBA1002381//ESTs//1.3e-73:352:99//Hs.56121:AA781435
 R-HEMBA1002389//EST//2.3e-05:132:69//Hs.37558:H58237
 55 R-HEMBA1002417//Homo sapiens chromosome 19, cosmid R28784//3.9e-63:358:91//Hs.25527:AC005954
 R-HEMBA1002419//ESTs, Weakly similar to APK1 antigen [H.sapiens]//5.6e-87:429:96//Hs.13209:AI417849
 R-HEMBA1002430//ESTs//0.10:388:57//Hs.119238AA476267
 R-HEMBA1002439//Human mRNA for KIAA0080 gene, partial cds//2.0e-22:181:80//Hs.74554:D38522

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R-HEMBA1002458//ESTs//1.8e-88:448:95//Hs.97914:AA769069
 R-HEMBA1002460//Catalase//0.67:314:60//Hs.76359:X04085
 R-HEMBA1002462//EST//0.032:44:88//Hs.161536:N80395
 R-nnnnnnnnnnnn//ESTs, Weakly similar to F08G12.1 [C.elegans]//5.4e-95:488:95//Hs.108115:AA582193
 5 R-HEMBA1002477//Homo sapiens KIAA0395 mRNA, partial cds//2.5e-37:281:80//Hs.43681:AL022394
 R-HEMBA1002486//Small inducible cytokine A5 (RANTES)//1.1e-49:311:88//Hs.155464:AF088219
 R-HEMBA1002495//ESTs//1.2e-94:457:98//Hs.42140:AI188995
 R-HEMBA1002498//ESTs//1.7e-35:240:78//Hs.119871:AA705133
 R-HEMBA1002503//ESTs//2.3e-14:64:85//Hs.140190:AA701449
 10 R-HEMBA1002508//ESTs//0.00057:160:62//Hs.149661:AA872990
 R-nnnnnnnnnnnn//Homo sapiens mRNA for histone deacetylase-like protein (JM21)//2.3e-113:456:92//Hs.6764:AJ011972
 R-HEMBA1002515//EST//1.0:153:63//Hs.118045:N51715
 R-HEMBA1002538//Homo sapiens mRNA for KIAA0454 protein, partial cds//5.1e-106:564:93//Hs.129928:
 15 AB007923
 R-HEMBA1002542//ESTs//1.0e-101:539:93//Hs.93872:AA524700
 R-HEMBA1002547//EST//8.7e-27:151:96//Hs.132145:AI041804
 R-HEMBA1002552//EST//5.9e-49:335:85//Hs.149580:AI281881
 R-HEMBA1002555//ESTs//1.1e-77:461:91//Hs.38750:N30012
 20 R-HEMBA1002558//Homo sapiens 4F5S mRNA, complete cds//1.3e-42:264:89//Hs.32567:AF073519
 R-HEMBA1002561//Small inducible cytokine A5 (RANTES)//6.4e-40:196:78//Hs.155464:AF088219
 R-nnnnnnnnnnnn//Homo sapiens protein associated with Myc mRNA, complete cds//1.4e-120:587:97//Hs.151411:AF075587
 R-HEMBA1002583//ESTs//7.1e-79:410:95//Hs.21599:AA478904
 25 R-HEMBA1002590//EST//3.3e-54:278:97//Hs.138637:N20838
 R-HEMBA1002592//ESTs//2.6e-44:500:74//Hs.110934:N26055
 R-HEMBA1002621
 R-HEMBA1002624//Homo sapiens mRNA for KIAA0808 protein, complete cds//2.2e-77:380:97//Hs.91338:AB018351
 30 R-HEMBA1002628//ESTs//0.0020:167:66//Hs.140605:AA830881
 R-HEMBA1002629//ESTs//0.00014:50:100//Hs.119132:AA398715
 R-HEMBA1002645//EST//2.1e-37:285:82//Hs.141728:W73041
 R-HEMBA1002651//EST//2.2e-23:374:69//Hs.139357:AA420970
 R-HEMBA1002659//Human 53K isoform of Type II phosphatidylinositol-4-phosphate 5-kinase (PIPK) mRNA, complete cds//1.5e-53:406:81//Hs.108966:U48696
 35 R-HEMBA1002661//Homo sapiens mRNA for KIAA0764 protein, complete cds//1.1e-41:296:84//Hs.6232:AB018307
 R-HEMBA1002666//EST//4.4e-09:79:88//Hs.72015:AA151945
 R-HEMBA1002678//EST, Moderately similar to !!!! ALU SUBFAMILY J WARNING ENTRY !!!! [H.sapiens]//7.6e-104:560:92//Hs.161748:T64896
 40 R-nnnnnnnnnnnn//EST//0.15:136:69//Hs.129570:AA995396
 R-HEMBA1002688//T-CELL SURFACE PROTEIN TACTILE PRECURSOR//0.16:247:62//Hs.142023:M88282
 R-HEMBA1002696//ESTs//3.5e-94:529:92//Hs.16725:AA196477
 R-HEMBA1002712//Homo sapiens mRNA for KIAA0772 protein, complete cds//6.0e-46:302:86//Hs.15519:AB018315
 45 R-HEMBA1002716//ESTs//1.3e-109:555:96//Hs.9812:AA147884
 R-HEMBA1002728//Homo sapiens mRNA for KIAA0621 protein, partial cds//3.8e-37:287:81//Hs.132942:AB014521
 R-HEMBA1002730//ESTs//1.2e-95:488:95//Hs.22030:AA521168
 50 R-HEMBA1002742//ESTs//1.0e-91:437:99//Hs.139987:AA652163
 R-HEMBA1002746//ESTs//4.4e-97:468:98//Hs.129903:AA576526
 R-HEMBA1002748//ESTs//5.0e-98:475:98//Hs.125461:AI375792
 R-HEMBA1002750//ESTs//1.6e-42:223:97//Hs.40460:N36090
 R-HEMBA1002768//Homo sapiens mRNA for KIAA0554 protein, partial cds//4.0e-106:545:95//Hs.74750:AB011126
 55 R-HEMBA1002770//EST//0.34:294:59//Hs.43091:N22127
 R-HEMBA1002777//ESTs//3.0e-85:316:98//Hs.17537:C06491
 R-HEMBA1002779//Human mRNA for KIAA0013 gene, complete cds//0.25:342:58//Hs.48824:D87717

- R-HEMBA1002780//Homo sapiens DEC-205 mRNA, complete cds//4.2e-46:449:75//Hs.153563:AF011333
R-HEMBA1002794//ESTs//1.2e-115:559:97//Hs.79741:AI279709
R-HEMBA1002801//EST//0.00049:287:60//Hs.126466:AA913320
R-HEMBA1002810//Homo sapiens formin binding protein 21 mRNA, complete cds//1.4e-116:559:97//Hs.28307:
5 AF071185
R-HEMBA1002816//Human plectin (PLEC1) mRNA, complete cds//0.28:281:62//Hs.79706:U53204
R-HEMBA1002826//EST//6.7e-25:134:99//Hs.134683:AI092013
R-HEMBA1002833//ESTs, Highly similar to ribosome-binding protein p34 [R.norvegicus]//4.3e-25:137:98//Hs.
5337:AA243757
10 R-HEMBA1002850//ESTs//0.010:323:57//Hs.18282:W67514
R-HEMBA1002863//ESTs//1.1e-67:359:94//Hs.124699:W27830
R-HEMBA1002876//ESTs//0.72:202:62//Hs.144816:AI220827
R-HEMBA1002886//EST//3.2e-85:401:99//Hs.96580:AA405670
R-HEMBA1002896//Homo sapiens SH3-containing adaptor molecule-1 mRNA, complete cds//1.2e-107:541:95//
15 Hs.33787:AF037261
R-HEMBA1002921//Human mRNA for KIAA0189 gene, complete cds//0.84:103:71//Hs.95140:D80011
R-HEMBA1002924//ESTs//3.5e-86:423:98//Hs.27513:N34820
R-HEMBA1002934//Human mRNA for KIAA0118 gene, partial cds//2.1e-50:308:88//Hs.154326:D42087
R-HEMBA1002935//ESTs//1.0e-73:384:95//Hs.118193:N74481
20 R-HEMBA1002937//ESTs//0.052:167:65//Hs.145504:AI254165
R-HEMBA1002939//ESTs//1.6e-94:467:97//Hs.9893:AA007679
R-HEMBA1002944//ESTs//2.7e-17:176:80//Hs.143768:AA229732
R-HEMBA1002951//ESTs//3.7e-119:565:98//Hs.16218:AI190892
R-HEMBA1002954//EST//0.076:285:58//Hs.98706:AA431085
25 R-HEMBA1002968//Thiopurine S-methyltransferase//1.9e-46:314:85//Hs.51124:AF019369
R-HEMBA1002970//EST//0.00050:164:64//Hs.129630:AI000405
R-HEMBA1002971//Homo sapiens mRNA for KIAA0679 protein, partial cds//2.3e-30:162:99//Hs.5734:AB014579
R-HEMBA1002973//Small inducible cytokine A5 (RANTES)//5.7e-42:318:81//Hs.155464:AF088219
R-nnnnnnnnnnnn//ESTs//3.2e-18:102:100//Hs.146255:AA197064
30 R-HEMBA1002999//ESTs, Moderately similar to lamina associated polypeptide 1C [R.norvegicus]//7.9e-113:560:
96//Hs.125749:AI377682
R-HEMBA1003021//Homo sapiens PYRIN (MEFV) mRNA, complete cds//3.3e-42:290:85//Hs.113283:AF018080
R-HEMBA1003033//ESTs//2.8e-77:417:94//Hs.138860:W47480
R-HEMBA1003034//ESTs//3.7e-42:429:74//Hs.132818:AI038577
35 R-HEMBA1003035//ESTs//0.025:156:64//Hs.8473:T40827
R-HEMBA1003037//ESTs//0.69:381:57//Hs.47312:AI240366
R-HEMBA1003041//ESTs, Highly similar to PUTATIVE SERINE/THREONINE-PROTEIN KINASE C41C4.4 IN
CHROMOSOME II PRECURSOR [Caenorhabditis elegans]//5.6e-34:280:79//Hs.114905:AA088442
R-HEMBA1003046//Homo sapiens mitochondrial processing peptidase beta-subunit mRNA, complete cds//1.3e-
40 119:578:97//Hs.44097:AF054182
R-HEMBA1003064//ESTs//7.8e-85:419:96//Hs.87020:AA706627
R-HEMBA1003067//Von Hippel-Lindau syndrome//2.0e-30:299:75//Hs.78160:AF010238
R-HEMBA1003071//ESTs//2.3e-74:360:98//Hs.17270:AA701903
R-HEMBA1003077//ESTs, Weakly similar to KIAA0405 [H.sapiens]//1.1e-90:434:99//Hs.14146:W92235
45 R-HEMBA1003078//ESTs//5.9e-16:156:77//Hs.142684:AA902402
R-HEMBA1003079//ESTs//0.16:341:58//Hs.95923:AI075249
R-HEMBA1003083//Small inducible cytokine A5 (RANTES)//1.9e-39:284:83//Hs.155464:AF088219
R-HEMBA1003086//EST//1.0e-48:372:82//Hs.161917:AA483223
R-HEMBA1003096//ESTs, Weakly similar to Mouse 19.5 mRNA, complete cds [M.musculus]//4.2e-100:531:94//
50 Hs.104800:AA709155
R-HEMBA1003098//ESTs//4.2e-107:537:96//Hs.107213:AA121624
R-HEMBA1003117//ESTs//2.4e-67:331:97//Hs.157158:AI150058
R-HEMBA1003129//Human nucleolar fibrillar center protein (ASE-1) mRNA, complete cds//2.1e-13:109:88//Hs.
118717:U86751
55 R-HEMBA1003133//ESTs//1.1e-34:180:98//Hs.159387:AI370845
R-HEMBA1003136//ESTs, Weakly similar to MANNOSE-1-PHOSPHATE GUANYLTRANSFERASE [Saccharo-
myces cerevisiae]//9.2e-114:577:95//Hs.27059:AI088615
R-HEMBA1003142//Small inducible cytokine A5 (RANTES)//1.1e-45:285:88//Hs.155464:AF088219

- R-HEMBA1003148//Homo sapiens mRNA for dachshund protein//3.6e-118:586:96//Hs.63931:AJ005670
R-HEMBA1003166//ESTs//1.6e-96:479:96//Hs.119940:AA705933
R-HEMBA1003175//ESTs//2.7e-74:407:92//Hs.139167:AA715389
R-HEMBA1003197//ESTs//1.6e-68:384:94//Hs.120969:W92000
5 R-HEMBA1003199//Sjogren syndrome antigen B (autoantigen La)//0.19:328:57//Hs.83715:X69804
R-HEMBA1003202//Homo sapiens mRNA for KIAA0640 protein, partial cds//1.3e-40:290:83//Hs.153026:AB014540
R-HEMBA1003204//ESTs//1.1e-34:215:91//Hs.108090:AA424943
R-HEMBA1003212//ESTs//1.9e-81:441:93//Hs.28471:W20265
10 R-HEMBA1003220//ESTs, Weakly similar to MITOCHONDRIAL 40S RIBOSOMAL PROTEIN S28 PRECURSOR [S.cerevisiae]//1.6e-40:232:93//Hs.107707:N32817
R-HEMBA1003227//ESTs, Weakly similar to weak similarity to HSP90 [C.elegans]//1.1e-42:310:85//Hs.23294:W27666
R-HEMBA1003229//ESTs//4.8e-18:133:90//Hs.61763:AA035305
15 R-HEMBA1003235//ESTs//7.7e-35:201:78//Hs.163979:AA828834
R-HEMBA1003250//Homo sapiens p21-activated kinase 3 (PAK3) mRNA, complete cds//7.4e-05:534:58//Hs.152663:AF068864
R-HEMBA1003257//EST//1.4e-95:473:97//Hs.32443:H28929
R-HEMBA1003273//Small inducible cytokine A5 (RANTES)//2.6e-38:253:86//Hs.155464:AF088219
20 R-HEMBA1003276//ESTs//7.6e-55:269:99//Hs.23817:AA526392
R-HEMBA1003278//ESTs//2.6e-45:301:71//Hs.51652:AI084785
R-HEMBA1003281
R-HEMBA1003291//Homo sapiens mRNA for KIAA0537 protein, complete cds//9.7e-117:551:99//Hs.12836:AB011109
25 R-HEMBA1003296//ESTs//4.8e-17:210:72//Hs.44451:AA203266
R-HEMBA1003304//ESTs//2.8e-98:468:98//Hs.120849:AI148353
R-HEMBA1003309//ESTs//1.8e-97:455:99//Hs.11571:AA713504
R-HEMBA1003314//Homo sapiens mRNA for leucine zipper bearing kinase, complete cds//8.9e-113:545:97//Hs.124224:AB001872
30 R-HEMBA1003322//ESTs//4.9e-79:419:95//Hs.138760:N66869
R-HEMBA1003327//Homo sapiens clone 23622 mRNA sequence//1.4e-16:177:78//Hs.151608:AF052119
R-HEMBA1003328//H.sapiens mRNA for MACH-alpha-2 protein//2.1e-43:269:88//Hs.19949:X98173
R-HEMBA1003330//Homo sapiens poly(A) binding protein II (PABP2) gene, complete cds//0.66:64:76//Hs.117176:AF026029
35 R-HEMBA1003348//ESTs//1.4e-35:185:78//Hs.117879:H77357
R-HEMBA1003369//ESTs, Weakly similar to F59C6.9 [C.elegans]//3.2e-113:553:97//Hs.65539:AI148540
R-HEMBA1003370//ESTs//2.0e-46:319:86//Hs.37573:H59651
R-HEMBA1003373//ESTs//1.6e-31:136:81//Hs.114849:AI139588
R-HEMBA1003376//ESTs//3.0e-47:383:80//Hs.138852:AA284247
40 R-HEMBA1003380//ESTs, Moderately similar to !!!! ALU SUBFAMILY J WARNING ENTRY !!!! [H.sapiens]//1.8e-11:261:65//Hs.87578:AI125363
R-HEMBA1003384//EST//0.00013:82:75//Hs.141237:H57847
R-HEMBA1003395//ESTs//5.2e-78:379:98//Hs.162208:AA536127
R-HEMBA1003402//ESTs//8.6e-14:108:89//Hs.55424:AA774204
45 R-nnnnnnnnnnnn//ESTs//1.7e-24:188:85//Hs.70266:Z78309
R-HEMBA1003417//ESTs//4.2e-74:396:94//Hs.55220:D11563
R-HEMBA1003418//ESTs//3.1e-107:545:95//Hs.3494:AI421013
R-HEMBA1003433//Homo sapiens nibrin (NBS) mRNA, complete cds//3.2e-115:544:98//Hs.25812:AF058696
R-HEMBA1003461//ESTs//2.8e-62:304:99//Hs.148747:AI225121
50 R-HEMBA1003463//ESTs//2.3e-112:549:97//Hs.104627:AA885516
R-HEMBA1003480//Homo sapiens PYRIN (MEFV) mRNA, complete cds//7.7e-76:529:84//Hs.113283:AF018080
R-HEMBA1003528//ESTs//2.1e-59:312:96//Hs.22505:R41688
R-HEMBA1003531//ESTs//2.2e-17:116:93//Hs.140217:AA702760
R-HEMBA1003538//Complement component C1r//4.7e-25:333:68//Hs.1279:M14058
55 R-HEMBA1003545//ESTs//8.7e-89:432:98//Hs.99497:AA776817
R-HEMBA1003548//EST//0.0091:274:60//Hs.148336:AA911673
R-HEMBA1003555//ESTs, Weakly similar to NUCLEOTIDE-BINDING PROTEIN [H.sapiens]//2.8e-93:495:93//Hs.91619:AA552351

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R-HEMBA1003556//ESTs//7.1e-44:406:77//Hs.141575:AA211734
 R-HEMBA1003560//ESTs//4.0e-34:182:97//Hs.14811:AA434522
 R-HEMBA1003568//ESTs//2.0e-101:486:98//Hs.118570:AI342058
 R-HEMBA1003569//ESTs, Moderately similar to metastasis-associated gene [H.sapiens]//4.0e-63:343:93//Hs.
 5 58598:AA625440
 R-HEMBA1003571//Homo sapiens clone 23632 mRNA sequence//3.7e-47:338:84//Hs.46918:AF052099
 R-HEMBA1003579//EST//0.00057:239:60//Hs.162828:AA643892
 R-HEMBA1003581//ESTs//2.6e-10:118:79//Hs.44856:N37065
 R-HEMBA1003591//ESTs//2.4e-96:460:98//Hs.128741:AI244212
 10 R-HEMBA1003595//Human mRNA for KIAA0118 gene, partial cds//1.7e-48:421:78//Hs.154326:D42087
 R-HEMBA1003597//EST//1.6e-38:313:80//Hs.160911:AI371042
 R-HEMBA1003598//ESTs//0.0085:273:61//Hs.145333:AI251374
 R-HEMBA1003615
 R-HEMBA1003617//ESTs//1.0e-111:574:95//Hs.4552:W68167
 15 R-HEMBA1003621//EST//1.7e-31:288:78//Hs.140909:R49387
 R-HEMBA1003622//EST//1.1e-46:468:75//Hs.139093:AA166888
 R-HEMBA1003630//ESTs//1.4e-21:411:69//Hs.128729:AA973021
 R-HEMBA1003637//ESTs, Weakly similar to !!!! ALU SUBFAMILY SB WARNING ENTRY !!!! [H.sapiens]//9.3e-24:
 189:84//Hs.142208:AA209438
 20 R-HEMBA1003640//ISLET AMYLOID POLYPEPTIDE PRECURSOR//2.5e-42:332:81//Hs.51048:X68830
 R-HEMBA1003645//ESTs//2.4e-77:423:94//Hs.99539:R59010
 R-HEMBA1003646//ESTs//2.6e-98:549:91//Hs.96427:AA151783
 R-HEMBA1003656//Homo sapiens mRNA, chromosome 1 specific transcript KIAA0488//5.6e-44:245:77//Hs.
 67619:AB007957
 25 R-HEMBA1003662//Human TBX2 (TXB2) mRNA, complete cds//2.6e-17:144:84//Hs.32931:U28049
 R-HEMBA1003667//Farnesyltransferase, CAAX box, beta//1.3e-22:170:88//Hs.117596:L00635
 R-HEMBA1003679//ESTs, Weakly similar to trithorax homolog HTX, version 2 [H.sapiens]//4.1e-87:434:97//Hs.
 9489:R84329
 R-HEMBA1003680//Human DNA-binding protein (HRC1) mRNA, complete cds//0.86:315:61//Hs.72925:M91083
 30 R-HEMBA1003684//ESTs, Highly similar to ZINC FINGER PROTEIN 7 [Homo sapiens]//1.1e-101:528:95//Hs.
 22934:AA581379
 R-HEMBA1003690//ESTs//0.0021:119:69//Hs.98641:AA429916
 R-HEMBA1003692//Human cytochrome P450-IIB (hIIB3) mRNA, complete cds//2.0e-43:360:80//Hs.110194:
 M29873
 35 R-HEMBA1003711//ESTs//1.0e-70:375:94//Hs.150407:AI279064
 R-HEMBA1003714//VASOACTIVE INTESTINAL POLYPEPTIDE RECEPTOR 1 PRECURSOR//0.94:367:62//Hs.
 1139:X77777
 R-HEMBA1003715//Homo sapiens PYRIN (MEFV) mRNA, complete cds//5.1e-77:299:85//Hs.113283:AF018080
 R-HEMBA1003720//Homo sapiens TWIK-related acid-sensitive K⁺ channel (TASK) mRNA, complete cds//1.2e-
 40 33:377:74//Hs.24040:AF006823
 R-HEMBA1003725//ESTs//3.8e-103:481:99//Hs.122518:AA778847
 R-HEMBA1003729//ESTs//2.5e-51:277:95//Hs.26270:AA258839
 R-HEMBA1003733//ESTs//1.9e-69:350:96//Hs.139278:AA702592
 R-HEMBA1003742//ESTs, Moderately similar to T13H5.2 [C.elegans]//4.6e-70:348:96//Hs.11282:AI147040
 45 R-HEMBA1003758//ESTs//1.7e-52:306:85//Hs.138852:AA284247
 R-HEMBA1003760//ESTs//7.4e-76:420:93//Hs.26501:H05089
 R-HEMBA1003773//ESTs, Highly similar to SIGNAL RECOGNITION PARTICLE RECEPTOR BETA SUBUNIT
 [Mus musculus]//1.9e-77:364:100//Hs.12152:AA156214
 R-HEMBA1003783//ESTs, Weakly similar to C01H6.7 [C.elegans]//2.1e-101:558:93//Hs.18171:AA524327
 50 R-HEMBA1003784//EST//0.83:127:62//Hs.144002:F01600
 R-HEMBA1003799//EST//9.7e-30:362:71//Hs.156577:AA860236
 R-HEMBA1003803//ESTs, Weakly similar to Y53C12A.3 [C.elegans]//2.8e-16:93:100//Hs.107747:AI357868
 R-HEMBA1003804//Interleukin 15//0.13:227:62//Hs.111867:AB007295
 R-HEMBA1003805//ESTs//0.029:199:65//Hs.91582:T25344
 55 R-HEMBA1003807//EST//2.4e-13:137:81//Hs.145645:AI264163
 R-HEMBA1003836//Small inducible cytokine A5 (RANTES)//3.2e-39:284:83//Hs.155464:AF088219
 R-HEMBA1003838//ESTs, Weakly similar to NADH-UBIQUINONE OXIDOREDUCTASE CHAIN 2 [Paramecium
 tetraurelia]//6.5e-71:357:96//Hs.107573:AA524333

R-HEMBA1003856//ESTs//8.2e-20:266:71//Hs.48312:N68161
 R-HEMBA1003864//ESTs//1.6e-99:528:93//Hs.26890:AA449033
 R-HEMBA1003866//POLYPOSIS LOCUS PROTEIN 1//0.30:146:64//Hs.74648:M73547
 R-HEMBA1003879//EST, Weakly similar to DNA-REPAIR PROTEIN COMPLEMENTING XP-A CELLS [Homo sa-
 piens]//2.1e-59:295:98//Hs.161661:AA166911
 R-HEMBA1003880//Homo sapiens clone 24760 mRNA sequence//3.8e-34:286:79//Hs.61408:AF070621
 R-HEMBA1003885//ESTs//4.6e-50:293:90//Hs.142314:AA347930
 R-HEMBA1003893//Calcium modulating ligand//2.1e-43:294:86//Hs.13572:AF068179
 R-HEMBA1003902//ESTs//1.8e-43:300:85//Hs.146811:AA410788
 R-HEMBA1003908//ESTs//3.5e-91:477:94//Hs.6638:AA536187
 R-HEMBA1003926//ESTs//7.9e-44:294:87//Hs.164036:AA845659
 R-HEMBA1003937//Homo sapiens mRNA for KIAA0585 protein, partial cds//3.5e-48:276:81//Hs.72660:AB011157
 R-HEMBA1003939
 R-HEMBA1003942//ESTs//1.6e-81:428:94//Hs.50418:AA524669
 R-HEMBA1003950//ESTs//8.1e-54:283:95//Hs.145528:AI261545
 R-HEMBA1003953//ESTs//3.8e-30:194:89//Hs.99681:AA504591
 R-HEMBA1003958//ESTs//4.0e-45:394:77//Hs.141602:N63562
 R-HEMBA1003959//ESTs//5.2e-28:197:86//Hs.9951:W56253
 R-HEMBA1003976//ESTs//2.0e-29:232:84//Hs.133947:AI074525
 R-HEMBA1003978//ESTs//3.2e-115:549:98//Hs.76798:AI050882
 R-HEMBA1003985//ESTs, Weakly similar to !!!! ALU SUBFAMILY J WARNING ENTRY !!!! [H.sapiens]//2.2e-91:
 448:97//Hs.117834:AA766771
 R-HEMBA1003987//ESTs//8.1e-36:193:88//Hs.151844:N92756
 R-HEMBA1003989//Human mRNA for KIAA0241 gene, partial cds//3.6e-43:360:81//Hs.150275:D87682
 R-HEMBA1004000//EST//5.5e-62:308:97//Hs.50438:N74105
 R-HEMBA1004011//ESTs//8.6e-85:431:96//Hs.36185:R99899
 R-HEMBA1004012//ESTs//1.3e-40:309:83//Hs.140329:AA714011
 R-HEMBA1004015//ESTs//5.1e-97:453:99//Hs.111446:AI333774
 R-HEMBA1004024//ESTs//5.2e-19:159:79//Hs.138856:H47461
 R-HEMBA1004038//ESTs//1.3e-41:346:79//Hs.146173:AA906191
 R-HEMBA1004042//ESTs//0.0012:201:69//Hs.24248:AA528253
 R-HEMBA1004045//ESTs, Weakly similar to putative p150 [H.sapiens]//1.5e-22:365:70//Hs.99692:AA811804
 R-HEMBA1004048//ESTs//9.5e-104:497:98//Hs.77735:AI125469
 R-HEMBA1004049//HEAT SHOCK 70 KD PROTEIN 1//6.3e-31:176:96//Hs.8997:M11717
 R-HEMBA1004055//ESTs//1.7e-115:577:96//Hs.59503:W63754
 R-HEMBA1004056//Homo sapiens PYRIN (MEFV) mRNA, complete cds//5.2e-78:577:82//Hs.113283:AF018080
 R-HEMBA1004074//EST//1.0:152:61//Hs.149093:AI243988
 R-HEMBA1004086//ESTs//4.0e-53:266:98//Hs.34658:N98652
 R-HEMBA1004097//ESTs//4.4e-46:279:91//Hs.110533:H16251
 R-HEMBA1004131//Human mRNA for KIAA0128 gene, partial cds//3.0e-43:534:69//Hs.90998:D50918
 R-HEMBA1004132//ESTs//4.6e-47:316:86//Hs.141602:N63562
 R-HEMBA1004133
 R-HEMBA1004138//EST//1.7e-08:211:64//Hs.129189:AA988736
 R-HEMBA1004143//ESTs//4.0e-25:137:97//Hs.21307:AA203320
 R-HEMBA1004146//Small inducible cytokine A5 (RANTES)//4.1e-27:191:86//Hs.155464:AF088219
 R-HEMBA1004150//GRANALCIN//0.99:357:59//Hs.79381:M81637
 R-HEMBA1004164//Human mRNA for KIAA0118 gene, partial cds//9.5e-47:313:84//Hs.154326:D42087
 R-HEMBA1004168//Homo sapiens geminin mRNA, complete cds//7.7e-112:563:96//Hs.59988:AF067855
 R-HEMBA1004199
 R-HEMBA1004200//EST//3.1e-89:441:97//Hs.141173:R97701
 R-HEMBA1004202//ESTs, Weakly similar to GTP-BINDING PROTEIN YPTM1 [Zea mays]//1.7e-107:552:94//Hs.
 10092:AI189282
 R-HEMBA1004203//Homo sapiens mRNA for KIAA0618 protein, complete cds//1.5e-96:275:98//Hs.15832:
 AB014518
 R-HEMBA1004207//Leptin receptor//1.1e-117:573:97//Hs.54515:U50748
 R-HEMBA1004225//EST//9.7e-34:186:95//Hs.137567:R20617
 R-HEMBA1004227//ESTs, Moderately similar to !!!! ALU SUBFAMILY SQ WARNING ENTRY !!!! [H.sapiens]//4.0e-
 16:117:91//Hs.92033:AA255832

R-HEMBA1004238//Human mRNA for KIAA0355 gene, complete cds//3.0e-46:338:83//Hs.153014:AB002353
 R-HEMBA1004241//ESTs//1.3e-10:93:87//Hs.137511:AA456389
 R-HEMBA1004246//Homo sapiens LIM protein mRNA, complete cds//2.7e-43:511:72//Hs.154103:AF061258
 R-HEMBA1004248//ESTs, Highly similar to INSULIN-INDUCED GROWTH RESPONSE PROTEIN CL-6 [Rattus
 5 norvegicus]//2.1e-61:221:86//Hs.7089:W37284
 R-HEMBA1004264//ESTs//1.5e-80:425:95//Hs.107206:AA234962
 R-HEMBA1004267//ESTs, Moderately similar to !!! ALU SUBFAMILY SP WARNING ENTRY !!! [H.sapiens]//1.4e-
 89:465:95//Hs.113660:D20018
 R-HEMBA1004272//ESTs//4.5e-111:577:94//Hs.115696:N57931
 10 R-nnnnnnnnnnnn//Homo sapiens clone 617 unknown mRNA, complete sequence//1.4e-111:553:96//Hs.93677:
 AF091081
 R-HEMBA1004276//ESTs, Highly similar to BETA-ADAPTIN [Homo sapiens; Rattus norvegicus; Bos taurus]//4.4e-
 92:559:89//Hs.28298:AA203228
 R-HEMBA1004286//Homo sapiens TGF beta receptor associated protein-1 mRNA, complete cds//6.2e-108:538:
 15 97//Hs.101766:AF022795
 R-HEMBA1004289//Sulfotransferase, dehydroepiandrosterone (DHEA) -preferring//1.7e-34:223:75//Hs.81884:
 U13061
 R-HEMBA1004295//ESTs, Weakly similar to weakly similar to ANK repeat region of Fowlpox virus BamHI-orf7
 protein [C.elegans]//3.6e-93:496:94//Hs.14337:AA534961
 20 R-HEMBA1004306//ESTs//3.4e-26:363:68//Hs.70279:AA757426
 R-HEMBA1004312//ESTs//4.8e-64:351:94//Hs.138611:H82679
 R-HEMBA1004321//Zinc finger protein 44 (KOX 7)//2.6e-37:415:64//Hs.51199:X16281
 R-HEMBA1004323//ESTs//2.1e-40:280:70//Hs.153300:AA928904
 R-HEMBA1004327//ESTs//3.8e-72:343:99//Hs.151708:AA554714
 25 R-HEMBA1004330//ESTs//4.0e-52:270:97//Hs.24654:AA456561
 R-HEMBA1004334//ESTs//1.6e-46:234:98//Hs.47159:AI310231
 R-HEMBA1004335//ESTs//1.9e-25:250:76//Hs.155880:AA703336
 R-HEMBA1004341//ESTs//3.7e-101:480:98//Hs.69321:AA633240
 R-HEMBA1004353//Homo sapiens mRNA for c-myc binding protein, complete cds//1.3e-75:444:90//Hs.80686:
 30 D89667
 R-HEMBA1004354//Human mRNA for KIAA0355 gene, complete cds//5.9e-39:286:83//Hs.153014:AB002353
 R-HEMBA1004356//SINGLE-STRANDED DNA-BINDING PROTEIN MSSP-1//1.3e-107:576:93//Hs.55458:
 X77494
 R-HEMBA1004366//ESTs//2.3e-94:524:91//Hs.111496:AA652869
 35 R-HEMBA1004372//EST//0.27:198:60//Hs.162665:AA605057
 R-HEMBA1004389//ESTs//4.1e-102:490:98//Hs.153708:AA687264
 R-HEMBA1004394//ESTs//1.5e-94:471:96//Hs.151647:AA002084
 R-HEMBA1004396//Small inducible cytokine A5 (RANTES)//6.2e-41:285:83//Hs.155464:AF088219
 R-HEMBA1004405//ESTs//2.0e-44:329:83//Hs.136839:H93717
 40 R-HEMBA1004408//ESTs, Weakly similar to homologous to mouse Rsu-1 [H.sapiens]//6.1e-89:420:99//Hs.88365:
 AA648933
 R-HEMBA1004429//ESTs, Weakly similar to homeotic protein protein zhx-1 [M.musculus]//3.0e-112:552:96//Hs.
 12940:AI123518
 R-HEMBA1004433//Human Line-1 repeat mRNA with 2 open reading frames//2.9e-32:463:68//Hs.23094:M19503
 45 R-HEMBA1004460//ESTs//2.0e-104:574:93//Hs.46848:AA195829
 R-HEMBA1004461//ESTs//2.9e-102:503:98//Hs.16370:AA017033
 R-HEMBA1004479//ELK1, member of ETS oncogene family//1.1e-45:310:75//Hs.116549:AL009172
 R-HEMBA1004482//ESTs//9.1e-05:322:62//Hs.34489:AA759306
 R-HEMBA1004502//ESTs//6.9e-112:566:96//Hs.93985:N50034
 50 R-HEMBA1004506//EST//5.3e-59:456:80//Hs.72412:AA160941
 R-HEMBA1004507
 R-HEMBA1004509//ESTs, Moderately similar to HYPOTHETICAL 52.2 KD PROTEIN IN MPR1-GCN20 INTER-
 GENIC REGION [Saccharomyces cerevisiae]//2.9e-82:262:99//Hs.12820:AA004271
 R-HEMBA1004534//ESTs, Highly similar to ENDOTHELIAL ACTIN-BINDING PROTEIN [Homo sapiens]//1.1e-43:
 55 281:89//Hs.58414:AA196947
 R-HEMBA1004538//EST//3.3e-15:270:71//Hs.136667:AA707972
 R-HEMBA1004554
 R-HEMBA1004560//ESTs//8.2e-25:179:88//Hs.96560:W22924

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R-HEMBA1004573//ESTs, Moderately similar to ALR [H.sapiens]//1.0:305:60//Hs.30272:AA134913
 R-HEMBA1004577//ESTs//7.9e-50:319:89//Hs.22660:AA582243
 R-HEMBA1004586//ESTs//2.6e-73:384:96//Hs.9582:R39769
 R-nnnnnnnnnnnn//ESTs//6.0e-22:190:82//Hs.42530:N41661
 5 R-HEMBA1004610//ESTs//1.2e-91:438:98//Hs.47823:AA780767
 R-HEMBA1004617//Homo sapiens mRNA, chromosome 1 specific transcript KIAA0501//4.6e-52:327:85//Hs.
 159897:AB007970
 R-HEMBA1004629//ESTs//2.3e-19:215:76//Hs.111995:AI375915
 R-HEMBA1004631//ESTs//3.6e-99:470:98//Hs.49303:AA810785
 10 R-HEMBA1004632//ESTs//1.0:128:66//Hs.159182:AA831152
 R-HEMBA1004637//ESTs, Highly similar to HYPOTHETICAL 83.6 KD PROTEIN R05D3.2 IN CHROMOSOME III
 [Caenorhabditis elegans]//4.8e-111:532:98//Hs.12263:AA282393
 R-HEMBA1004638//ESTs//1.2e-66:341:95//Hs.122687:AI278454
 R-HEMBA1004666//ESTs//2.1e-65:333:96//Hs.98873:AA625442
 15 R-HEMBA1004669//ESTs//0.00039:116:74//Hs.138725:N76348
 R-HEMBA1004670//ESTs//1.7e-16:116:89//Hs.56825:AI057560
 R-HEMBA1004672//EST//6.7e-76:315:97//Hs.20821:R19368
 R-HEMBA1004693//ESTs//6.4e-68:327:99//Hs.159066:AI093252
 R-HEMBA1004697//ESTs//9.3e-98:467:98//Hs.62637:AA043562
 20 R-HEMBA1004705//EST//0.0034:271:58//Hs.112503:AA599042
 R-HEMBA1004709//EST//1.3e-55:392:85//Hs.149580:AI281881
 R-HEMBA1004711//Small inducible cytokine A5 (RANTES)//1.9e-47:449:76//Hs.155464:AF088219
 R-HEMBA1004725//EST//1.8e-71:424:88//Hs.155712:AI309235
 R-HEMBA1004730//Homo sapiens clone 23892 mRNA sequencer//2.1e-44:467:73//Hs.91916:AF035317
 25 R-HEMBA1004733//EST//0.99:84:65//Hs.161372:AI423151
 R-HEMBA1004734//ESTs//1.8e-82:421:96//Hs.21275:N73275
 R-HEMBA1004736//Ataxia telangiectasia mutated (includes complementation groups A, C and D)//9.5e-39:296:
 82//Hs.51187:U82828
 R-HEMBA1004748//ESTs//1.7e-43:166:86//Hs.37573:H59651
 30 R-HEMBA1004751//ESTs//8.0e-23:155:88//Hs.149464:AI279428
 R-HEMBA1004752//Thromboxane A2 receptor//2.7e-45:281:89//Hs.89887:D38081
 R-HEMBA1004753//40S RIBOSOMAL PROTEIN S20//8.3e-67:475:84//Hs.8102:L06498
 R-HEMBA1004756//ESTs//2.0e-81:384:99//Hs.129545:N68679
 R-HEMBA1004758//EST//2.0e-43:367:80//Hs.133006:AI049504
 35 R-HEMBA1004763//ESTs//2.0e-108:567:94//Hs.3757:W87380
 R-HEMBA1004768//ESTs, Weakly similar to RETROVIRUS-RELATED POL POLYPROTEIN [Mus musculus]//
 1.4e-47:379:81//Hs.141273:H66705
 R-HEMBA1004770//ESTs//0.0014:246:61//Hs.124857:AA687092
 R-HEMBA1004771//ESTs//1.1e-12:323:63//Hs.124146:AA699633
 40 R-HEMBA1004776//ESTs//2.5e-112:567:95//Hs.12680:W74476
 R-HEMBA1004778//ESTs//1.4e-33:272:75//Hs.141123:AA848167
 R-nnnnnnnnnnnn
 R-HEMBA1004803//ESTs//1.0e-48:319:86//Hs.139231:W87732
 R-HEMBA1004806
 45 R-HEMBA1004807//ESTs//6.2e-77:362:100//Hs.140945:N47676
 R-HEMBA1004816//EST//4.3e-18:246:72//Hs.150552:AI053784
 R-HEMBA1004820//Human arginine-rich nuclear protein mRNA, complete cds//5.0e-14:141:85//Hs.80510:
 M74002
 R-HEMBA1004847
 50 R-HEMBA1004850//ESTs//1.2e-83:395:99//Hs.30925:AA577120
 R-HEMBA1004863//ESTs//7.5e-21:204:79//Hs.35036:H95267
 R-HEMBA1004864
 R-HEMBA1004865//EST//6.7e-18:191:75//Hs.129944:AA429362
 R-HEMBA1004880//EST//4.4e-70:346:98//Hs.145094:AA452409
 55 R-HEMBA1004889//ESTs//4.8e-117:496:97//Hs.15641:W63676
 R-HEMBA1004900//ESTs//1.2e-15:283:68//Hs.157606:AI357470
 R-HEMBA1004909//ESTs//7.3e-44:366:79//Hs.140329:AA714011
 R-HEMBA1004918//Human mRNA for KIAA0392 gene, partial cds//4.6e-50:313:89//Hs.40100:AB002390

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R-HEMBA1004923//ESTs//0.013:162:64//Hs.143655:AI128388
R-HEMBA1004929//EST//2.3e-48:250:97//Hs.131589:AI025053
R-HEMBA1004930//Cytochrome P450, subfamily I (aromatic compound-inducible), polypeptide 2//1.2e-70:547:80//Hs.1361:M55053
5 R-HEMBA1004933//ESTs, Weakly similar to R06C7.6 [C.elegans]//5.3e-110:530:98//Hs.18029:AI422883
R-HEMBA1004934//ESTs//1.3e-103:522:96//Hs.40415:AA037215
R-HEMBA1004944//ESTs//6.0e-21:97:84//Hs.141973:N21434
R-HEMBA1004954//ESTs//7.9e-112:596:93//Hs.6226:W61007
R-HEMBA1004956//ESTs//3.1e-58:280:100//Hs.120750:AA741074
10 R-HEMBA1004960//ESTs//6.9e-89:476:93//Hs.163738:AA601040
R-HEMBA1004972//ESTs//3.0e-72:381:95//Hs.55014:AA934035
R-HEMBA1004973//ESTs//2.7e-91:441:98//Hs.28144:AI292065
R-HEMBA1004977//ESTs//2.0e-95:446:99//Hs.29690:AI168404
R-HEMBA1004978//Homo sapiens natural killer cell group 2-F (NKG2-F) mRNA, complete cds//0.43:187:67//Hs.129734:AJ001683
15 R-HEMBA1004980//Human mRNA for KIAA0331 gene, complete cds//6.4e-53:305:91//Hs.146395:AB002329
R-HEMBA1004983//ESTs//0.16:482:57//Hs.131929:AI021894
R-HEMBA1004995
R-HEMBA1005008//EST, Weakly similar to mariner transposase [H.sapiens]//6.9e-51:482:78//Hs.141601:N63520
20 R-HEMBA1005009//ESTs, Highly similar to ACTIN I [Naegleria fowleri]//3.8e-109:551:96//Hs.103180:AI365212
R-HEMBA1005019//Homo sapiens mRNA for KIAA0648 protein, partial cds//2.0e-105:542:94//Hs.31921:AB014548
R-HEMBA1005029//ESTs, Weakly similar to LINE-1 REVERSE TRANSCRIPTASE HOMOLOG [Homo sapiens]//8.4e-95:491:94//Hs.16085:AI261382
25 R-HEMBA1005035//Human mRNA for KIAA0033 gene, partial cds//2.3e-64:312:85//Hs.22271:D26067
R-HEMBA1005039//ESTs, Weakly similar to zinc finger protein [H.sapiens]//2.6e-48:443:78//Hs.139019:N99348
R-HEMBA1005047//ESTs, Highly similar to RAS-RELATED PROTEIN RAB-5A [Canis familiaris]//1.2e-87:542:87//Hs.16258:AI376436
R-HEMBA1005050//ESTs//6.3e-46:311:86//Hs.159510:AA297145
30 R-HEMBA1005062//ESTs//1.1e-14:216:68//Hs.129935:AA994451
R-HEMBA1005066//Human clone 23574 mRNA sequence//2.2e-24:303:73//Hs.79385:U90905
R-HEMBA1005075//EST//0.65:214:62//Hs.133991:AI075789
R-HEMBA1005079//Human BENE mRNA, partial cds//1.9e-44:304:83//Hs.85889:U17077
R-HEMBA1005083//ESTs//2.8e-74:356:98//Hs.132272:AI393958
35 R-HEMBA1005101//Homo sapiens SYT interacting protein SIP mRNA, complete cds//1.7e-111:545:96//Hs.11170:AF080561
R-HEMBA1005113//ESTs//1.1e-101:512:95//Hs.7972:AI052739
R-HEMBA1005123//Ley I-L//3.6e-58:519:77//Hs.37062:AC005952
R-HEMBA1005133//H.sapiens mRNA for MACH-alpha-2 protein//8.3e-46:309:85//Hs.19949:X98173
40 R-HEMBA1005149//Homo sapiens mRNA, chromosome 1 specific transcript KIAA0488//4.7e-36:394:75//Hs.67619:AB007957
R-HEMBA1005152//Homo sapiens antigen NY-CO-16 mRNA, complete cds//3.6e-32:362:77//Hs.132206:AF039694
R-HEMBA1005159//EST//7.4e-47:252:94//Hs.134930:AI093397
45 R-HEMBA1005185//ESTs//5.2e-48:305:89//Hs.14920:AA910914
R-HEMBA1005201//ESTs//4.7e-58:293:97//Hs.23752:C05766
R-HEMBA1005202//ESTs//1.0:169:59//Hs.153423:AI198239
R-HEMBA1005219//Homo sapiens putative tumor suppressor protein (123F2) mRNA, complete cds//0.84:191:61//Hs.26931:AF061836
50 R-HEMBA1005223//ESTs//0.75:90:70//Hs.127446:AA167284
R-HEMBA1005232//EST//0.056:162:67//Hs.65649:F13687
R-HEMBA1005241//ESTs//3.6e-113:564:96//Hs.12770:W84331
R-HEMBA1005244//ESTs//6.4e-22:118:100//Hs.21396:AA114834
R-HEMBA1005251//ESTs//8.5e-36:213:92//Hs.161554:AA393896
55 R-HEMBA1005252//Homo sapiens mRNA for KIAA0585 protein, partial cds//6.1e-49:277:93//Hs.72660:AB011157
R-HEMBA1005274//ESTs//3.7e-65:322:98//Hs.105166:AA668862
R-HEMBA1005275//ESTs//2.1e-29:298:73//Hs.33393:R83391
R-HEMBA1005293//ESTs//3.5e-93:448:98//Hs.12066:AI208611

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R-HEMBA1005296//ESTs//4.3e-33:168:100//Hs.13916:AI025750
 R-HEMBA1005304//Small inducible cytokine A5 (RANTES)//2.8e-50:315:82//Hs.155464:AF088219
 R-HEMBA1005311//Homo sapiens 4F5S mRNA, complete cds//1.3e-44:318:83//Hs.32567:AF073519
 R-HEMBA1005314//ESTs//3.0e-103:491:98//Hs.41606:AI095046
 5 R-HEMBA1005315//EST//1.9e-29:370:72//Hs.161483:N59169
 R-HEMBA1005318//ESTs//3.9e-110:535:97//Hs.26771:AA126472
 R-HEMBA1005331//Intercellular adhesion molecule 2//7.6e-39:256:87//Hs.83733:X15606
 R-HEMBA1005353//ESTs//1.7e-81:406:96//Hs.155374:AI341467
 R-HEMBA1005359//Homo sapiens neuronal thread protein AD7c-NTP mRNA, complete cds//4.7e-46:294:81//Hs.
 10 129735:AF010144
 R-HEMBA1005367//Alcohol dehydrogenase 2 (class I), beta polypeptide//1.0:210:62//Hs.4:X03350
 R-HEMBA1005372//ESTs//6.2e-95:451:99//Hs.135219:AI091653
 R-HEMBA1005374//ESTs//1.5e-107:502:99//Hs.118208:AA947305
 R-HEMBA1005389//Fc fragment of IgA, receptor for//1.0e-39:311:80//Hs.54486:X54150
 15 R-HEMBA1005394//ESTs, Weakly similar to coded for by C. elegans cDNA yk30b3.5 [C.elegans]//4.0e-88:489:
 92//Hs.43864:AA131568
 R-HEMBA1005403//EST//0.0011:78:75//Hs.127061:AA863278
 R-HEMBA1005408//ESTs//3.2e-29:395:71//Hs.117532:AA676725
 R-HEMBA1005410//ESTs//1.5e-18:271:70//Hs.144604:AI052059
 20 R-HEMBA1005411//ESTs//1.1e-35:335:77//Hs.141181:R98757
 R-HEMBA1005423//Homo sapiens cyclin-dependent kinase inhibitor (CDKN2C) mRNA, complete cds//1.8e-118:
 453:99//Hs.4854:AF041248
 R-HEMBA1005426//Chromosome 1 specific transcript KIAA0491//0.25:264:61//Hs.136309:AB007960
 R-HEMBA1005443//Homo sapiens (clone s153) mRNA fragment//1.7e-47:305:87//Hs.6445:L40391
 25 R-HEMBA1005447//ESTs//5.7e-83:529:86//Hs.114253:AA745961
 R-HEMBA1005468//ESTs//7.3e-23:249:73//Hs.61199:AA024494
 R-HEMBA1005469//Human mRNA for KIAA0355 gene, complete cds//4.5e-45:320:85//Hs.153014:AB002353
 R-HEMBA1005472//Human kpni repeat mrna (cdna clone pcd-kpni-8), 3' end//8.4e-73:464:87//Hs.103948:
 K00627
 30 R-HEMBA1005475//ESTs//0.32:192:59//Hs.62694:AA100445
 R-HEMBA1005497
 R-HEMBA1005500//ESTs//2.2e-43:307:85//Hs.146811:AA410788
 R-HEMBA1005506//75 kda infertility-related sperm protein [human, testis, mRNA Partial, 2427 nt]//0.11:295:60//
 Hs.62608:S58544
 35 R-HEMBA1005508//ESTs//2.8e-55:319:93//Hs.50150:N90870
 R-HEMBA1005511//ESTs, Weakly similar to similar to mouse MMR1 [C.elegans]//2.6e-82:387:99//Hs.67466:
 AI219740
 R-HEMBA1005517//ESTs//4.6e-77:469:90//Hs.126787:AA203322
 R-HEMBA1005518//ESTs//1.5e-108:561:94//Hs.123167:AA601045
 40 R-HEMBA1005520//Putative mismatch repair/binding protein hMSH3//7.5e-44:179:84//Hs.42674:U61981
 R-HEMBA1005526//ESTs//8.7e-46:308:86//Hs.146811:AA410788
 R-HEMBA1005528//ESTs, Highly similar to POP2 PROTEIN [Saccharomyces cerevisiae]//8.6e-115:578:95//Hs.
 17035:AI080471
 R-HEMBA1005530//ESTs//1.5e-110:551:96//Hs.107294:W72350
 45 R-HEMBA1005548//ESTs//1.7e-100:510:96//Hs.9115:N90926
 R-HEMBA1005552//Interleukin 10//2.4e-38:306:80//Hs.2180:M57627
 R-HEMBA1005558//ESTs, Weakly similar to unknown [S.cerevisiae]//5.3e-77:439:91//Hs.22897:R43193
 R-HEMBA1005568//ESTs, Weakly similar to !!!! ALU SUBFAMILY J WARNING ENTRY !!!! [H.sapiens]//3.4e-31:
 182:76//Hs.133526:N21103
 50 R-HEMBA1005570//ESTs//3.3e-67:411:88//Hs.142245:AA489709
 R-HEMBA1005576//EST//0.91:52:73//Hs.149518:AI280497
 R-HEMBA1005577
 R-HEMBA1005581//Homo sapiens mRNA for MEGF5, partial cds//3.1e-28:561:64//Hs.57929:AB011538
 R-HEMBA1005582//ESTs//6.0e-73:371:97//Hs.103758:C06392
 55 R-HEMBA1005583//ESTs//8.3e-79:413:95//Hs.62348:AA419539
 R-HEMBA1005588//Human c-yes-1 mRNA//2.6e-52:403:83//Hs.75680:M15990
 R-HEMBA1005593//ESTs//3.3e-30:139:80//Hs.142273:W37905
 R-HEMBA1005595//ESTs//1.1e-97:454:100//Hs.27497:AI274820

R-HEMBA1005606//EST//1.0e-12:313:64//Hs.162402:AA573125
R-HEMBA1005609//ESTs//0.49:278:58//Hs.76235:W56390
R-HEMBA1005616//EST//1.3e-98:470:99//Hs.122230:AA781422
R-HEMBA1005621//ESTs, Weakly similar to MITOTIC MAD2 PROTEIN [S.cerevisiae]//2.8e-95:539:92//Hs.
5 19400:AA662845
R-HEMBA1005627//Human mRNA for adipogenesis inhibitory factor//5.5e-38:317:78//Hs.1721:X58377
R-HEMBA1005631//Human mRNA for KIAA0393 gene, complete cds//2.3e-11:279:65//Hs.15245:AF041081
R-HEMBA1005632//EST//1.5e-10:181:70//Hs.120259:AA731522
R-HEMBA1005634//Homo sapiens mRNA for chemokine LEC precursor, complete cds//1.4e-25:234:80//Hs.
10 10458:AF088219
R-HEMBA1005666//ESTs//2.3e-103:534:95//Hs.14512:AA205973
R-HEMBA1005670//ESTs//2.6e-39:166:81//Hs.139414:AI279477
R-HEMBA1005679//Esterase D/formylglutathione hydrolase//1.3e-50:322:88//Hs.82193:M13450
R-HEMBA1005680//Homo sapiens LIM protein mRNA, complete cds//3.3e-43:343:81//Hs.154103:AF061258
15 R-HEMBA1005685//Human homeodomain protein (Prox 1) mRNA, complete cds//0.0050:235:64//Hs.159437:
U44060
R-HEMBA1005699//Human putative EPH-related PTK receptor ligand LERK-8 (Eplg8) mRNA, complete cds//
1.7e-47:376:84//Hs.26988:U66406
R-HEMBA1005705//ESTs//3.0e-53:259:99//Hs.55314:AA772055
20 R-HEMBA1005717//EST//2.5e-59:287:99//Hs.146870:AI159943
R-HEMBA1005732//Homo sapiens mRNA for cartilage-associated protein (CASP)//1.2e-45:398:79//Hs.155481:
AJ006470
R-HEMBA1005737//ESTs//2.5e-57:416:83//Hs.23245:AA053815
R-aaaaaaaaaaaaa//EST//0.098:125:68//Hs.136945:AA765672
25 R-HEMBA1005755//EST//2.2e-22:180:84//Hs.141488:N47096
R-HEMBA1005765//Human peptide transporter (HPEPT1) mRNA, complete cds//3.9e-47:404:80//Hs.2217:
U21936
R-HEMBA1005780//ESTs//1.3e-106:512:97//Hs.11901:AA173974
R-HEMBA1005813//Homo sapiens mRNA for chemokine LEC precursor, complete cds//2.0e-33:195:84//Hs.
30 10458:AF088219
R-HEMBA1005815//ESTs//7.6e-19:290:71//Hs.112218:AI038601
R-HEMBA1005822//ESTs//5.4e-49:246:98//Hs.34804:AA514960
R-HEMBA1005829//ESTs//2.7e-72:344:99//Hs.54548:AI039201
R-HEMBA1005834//ESTs//1.6e-44:317:82//Hs.157029:AI080618
35 R-HEMBA1005852//ESTs//1.6e-102:544:93//Hs.9911:AA098911
R-HEMBA1005853//ESTs//1.8e-78:398:95//Hs.140248:AA757917
R-HEMBA1005884//EST//2.6e-18:275:67//Hs.139357:AA420970
R-HEMBA1005891//ESTs//2.1e-89:427:98//Hs.67317:AI022252
R-HEMBA1005894
40 R-HEMBA1005909//ESTs//2.6e-91:436:99//Hs.147492:AI215686
R-HEMBA1005911//ESTs//1.1e-85:446:95//Hs.134494:AI076363
R-HEMBA1005921//ESTs//1.4e-84:428:95//Hs.127993:AA970632
R-HEMBA1005931//Homo sapiens mRNA for KIAA0526 protein, complete cds//9.5e-45:446:75//Hs.59403:
AB011098
45 R-HEMBA1005934//ESTs//0.20:142:65//Hs.97079:AA370867
R-HEMBA1005962//ESTs//1.8e-87:409:100//Hs.161292:AI199418
R-HEMBA1005963
R-HEMBA1005990//Homo sapiens I-1 receptor candidate protein mRNA, complete cds//2.2e-113:580:95//Hs.
26285:AF082516
50 R-HEMBA1005991//Human antiseecretory factor-1 mRNA, complete cds//2.0e-45:551:70//Hs.148495:AF050199
R-HEMBA1005999//ESTs//7.5e-24:201:69//Hs.157029:AI080618
R-HEMBA1006002//ESTs//3.1e-112:573:95//Hs.61233:AI379875
R-HEMBA1006005//EST//1.0:105:63//Hs.145273:AI249436
R-aaaaaaaaaaaaa//Homo sapiens mRNA for KIAA0725 protein, partial cds//2.4e-28:444:67//Hs.26450:AB018268
55 R-HEMBA1006035//ESTs//4.5e-94:465:97//Hs.44625:N49951
R-HEMBA1006036//ESTs//6.1e-90:420:100//Hs.126771:AA916508
R-HEMBA1006042//EST//1.5e-88:424:98//Hs.132551:AA948490
R-aaaaaaaaaaaaa

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R-HEMBA1006081//ESTs//7.8e-68:356:95//Hs.27410:N25612
 R-HEMBA1006090//EST//5.1e-66:320:99//Hs.99551:AA461517
 R-HEMBA1006091//ESTs//2.0e-84:441:94//Hs.9658:AA506313
 5 R-HEMBA1006100//Human high-affinity copper uptake protein (hCTR1) mRNA, complete cds//3.4e-43:328:82//
 Hs.73614:U83460
 R-HEMBA1006108//ESTs//1.5e-44:228:98//Hs.26368:AA789297
 R-HEMBA1006121//ESTs//1.6e-116:547:99//Hs.34151:AI279293
 R-HEMBA1006124//EST//1.6e-20:286:64//Hs.148457:AI198931
 R-HEMBA1006130//ESTs//8.8e-47:231:99//Hs.16470:AA121635
 10 R-HEMBA1006100//Homo sapiens mRNA for KIAA0792 protein, complete cds//8.7e-27:296:73//Hs.119387:
 AB007958
 R-HEMBA1006142//ESTs//1.5e-27:255:70//Hs.139507:T77542
 R-HEMBA1006155//ESTs//4.9e-64:353:94//Hs.84560:R41212
 R-HEMBA1006158//Deoxyuridine triphosphatase//0.99:162:62//Hs.82113:U31930
 15 R-HEMBA1006173//ESTs//7.5e-85:462:92//Hs.79092:H29627
 R-HEMBA1006182//ESTs//5.5e-29:218:72//Hs.141466:H96906
 R-HEMBA1006198//ESTs//2.1e-34:282:82//Hs.142068:AA176125
 R-HEMBA1006235//Homo sapiens clone 24422 mRNA sequence//6.9e-112:545:97//Hs.109268:AF070557
 R-HEMBA1006248//ESTs, Highly similar to ZINC FINGER PROTEIN MFG1 [Mus musculus]//3.3e-114:581:95//
 20 Hs.23617:AA928683
 R-HEMBA1006252//Human mRNA for KIAA0080 gene, partial cds//7.0e-48:284:76//Hs.74554:D38522
 R-HEMBA1006253//Homo sapiens 45kDa splicing factor mRNA, complete cds//5.7e-30:179:91//Hs.15836:
 AF083384
 R-HEMBA1006259//Homo sapiens KIAA0421 mRNA, partial cds//1.5e-45:326:84//Hs.41742:AB007881
 25 R-HEMBA1006268//ESTs, Highly similar to c-Jun leucine zipper interactive [M.musculus]//1.2e-97:529:93//Hs.
 10552:AA524401
 R-HEMBA1006272//ESTs, Moderately similar to RETROVIRUS-RELATED PROTEASE [H.sapiens]//2.7e-88:484:
 92//Hs.104129:AA923278
 R-HEMBA1006283//ESTs, Weakly similar to NUCLEAR POLYADENYLATED RNA-BINDING PROTEIN NAB2 [S.
 30 cerevisiae]//1.6e-66:377:91//Hs.108674:W25821
 R-HEMBA1006284//ESTs//3.7e-110:544:96//Hs.55296:AI084735
 R-HEMBA1006291//ESTs//2.2e-91:457:96//Hs.114611:N37019
 R-HEMBA1006293//ESTs//5.4e-78:370:99//Hs.155111:AI202037
 35 R-HEMBA1006309//ERYTHROCYTE BAND 7 INTEGRAL MEMBRANE PROTEIN//3.7e-40:167:86//Hs.74478:
 U33931
 R-HEMBA1006310//ESTs, Weakly similar to reverse transcriptase [M.musculus]//5.6e-76:417:94//Hs.111754:
 AI204587
 R-HEMBA1006328//Small inducible cytokine A5 (RANTES)//2.8e-60:397:78//Hs.155464:AF088219
 40 R-HEMBA1006334//Human occludin mRNA, complete cds//0.72:369:59//Hs.93518:U49184
 R-HEMBA1006344//Human plectin (PLEC1) mRNA, complete cds//0.016:217:64//Hs.79706:U53204
 R-HEMBA1006347//ESTs, Highly similar to HYPOTHETICAL 97.6 KD PROTEIN IN SHP1-SEC17 INTERGENIC
 REGION [Saccharomyces cerevisiae]//3.6e-119:582:97//Hs.42343:AI417075
 R-HEMBA1006349//ESTs//5.2e-57:305:94//Hs.6338:AA411382
 45 R-HEMBA1006359//ESTs//8.2e-90:426:99//Hs.100873:AA678008
 R-HEMBA1006364//ESTs//2.2e-98:582:91//Hs.23837:AA541787
 R-HEMBA1006377//EST//0.0097:145:621//Hs.133027:AI049830
 R-HEMBA1006380//Homo sapiens mRNA for KIAA0594 protein, partial cds//1.0e-41:349:79//Hs.154872:
 AB011166
 50 R-HEMBA1006381//ESTs//5.1e-46:320:85//Hs.37573:H59651
 R-HEMBA1006398//Human Line-1 repeat mRNA with 2 open reading frames//9.0e-87:582:84//Hs.23094:M19503
 R-HEMBA1006416//ESTs//1.5e-17:251:73//Hs.33950:AI218923
 R-HEMBA1006419//EST//8.5e-65:353:94//Hs.141309:H72778
 R-HEMBA1006421//Oxytocin receptor//1.2e-12:249:68//Hs.2820:X64878
 55 R-HEMBA1006424//ESTs, Weakly similar to pot. ORF II [H.sapiens]//6.3e-13:263:66//Hs.43127:AA258004
 R-HEMBA1006426//ESTs//6.5e-84:401:99//Hs.37303:C16964
 R-HEMBA1006438//EST//0.87:266:57//Hs.99456:AA457380
 R-HEMBA1006445//ESTs//2.0e-81:414:96//Hs.58153:W72033

R-HEMBA1006446/Homo sapiens mRNA for cadherin-6, complete cds//1.6e-05:487:58//Hs.32963:D31784
 R-HEMBA1006461//ESTs//5.1e-78:393:97//Hs.142677:R95895
 R-HEMBA1006467//ESTs, Weakly similar to putative p150 [H.sapiens]//3.0e-17:342:63//Hs.111730:AA604403
 R-HEMBA1006471//ESTs//3.8e-66:370:92//Hs.14063:T77441
 5 R-HEMBA1006474
 R-HEMBA1006483/Human G protein-coupled receptor (STRL22) mRNA, complete cds//4.2e-40:365:78//Hs.46468:U45984
 R-HEMBA1006485//H.sapiens mRNA for aminopeptidase//2.5e-92:517:91//Hs.132243:Y07701
 R-HEMBA1006486//EST//7.0e-47:240:76//Hs.161917:AA483223
 10 R-HEMBA1006489//ESTs//2.1e-93:440:99//Hs.125264:AA873350
 R-HEMBA1006492//ESTs//0.00034:52:90//Hs.163219:AA810720
 R-HEMBA1006494//EST//1.8e-06:192:67//Hs.141401:H93387
 R-HEMBA1006497//ESTs//6.2e-45:232:97//Hs.118015:N33117
 R-HEMBA1006502//Complement component 5 receptor 1 (C5a ligand)//8.7e-16:135:72//Hs.2161:M62505
 15 R-HEMBA1006507//Homo sapiens mRNA for KIAA0666 protein, partial cds//3.9e-117:570:96//Hs.153858:AB014566
 R-HEMBA1006521//ESTs//9.9e-99:496:96//Hs.64906:AA677300
 R-HEMBA1006530//ESTs//0.18:260:60//Hs.24970:AI057628
 R-HEMBA1006535//GS1 PROTEIN//0.52:267:62//Hs.78991:M86934
 20 R-HEMBA1006540//EST//0.016:143:66//Hs.148189:AA897331
 R-HEMBA1006546//Homo sapiens mRNA for KIAA0582 protein, partial cds//2.2e-48:287:91//Hs.79507:AB011154
 R-HEMBA10065597//ESTs, Moderately similar to neurodegeneration-associated protein 1 [R.norvegicus]//1.8e-109:547:96//Hs.21122:AA191594
 R-HEMBA1006562//EST//1.1e-13:327:63//Hs.149641:AI283064
 25 R-HEMBA1006566//ESTs//2.6e-59:311:97//Hs.146014:R51876
 R-HEMBA1006569//ESTs//4.7e-89:458:96//Hs.42861:W74725
 R-HEMBA1006579//ESTs//2.9e-19:110:99//Hs.126191:AA873876
 R-HEMBA1006583//Human mRNA for tryptophan hydroxylase (EC 1.14.16.4)//9.5e-29:276:76//Hs.144563:AF057280
 30 R-HEMBA1006595//ESTs//1.3e-96:487:96//Hs.43228:N67390
 R-HEMBA1006597//Small inducible cytokine A5 (RANTES)//9.8e-44:291:85//Hs.155464:AF088219
 R-HEMBA1006612
 R-nnnnnnnnnnnn//ESTs//1.2e-25:225:80//Hs.138852:AA284247
 R-HEMBA1006624//ESTs//1.9e-93:454:98//Hs.72531:AA773630
 35 R-HEMBA1006631//Human mRNA for KIAA0033 gene, partial cds//7.5e-60:286:90//Hs.22271:D26067
 R-HEMBA1006635//ESTs, Moderately similar to !!!! ALU SUBFAMILY SP WARNING ENTRY !!!! [H.sapiens]//2.7e-91:426:100//Hs.139469:AI299889
 R-HEMBA1006639//ESTs, Highly similar to POLYADENYLATE-BINDING PROTEIN [Homo sapiens]//3.4e-37:186:100//Hs.109818:AA411185
 40 R-HEMBA1006643//ESTs//1.8e-35:189:97//Hs.139640:AA846777
 R-HEMBA1006648//Homo sapiens integrin-linked kinase (ILK) mRNA, complete cds//8.1e-108:567:94//Hs.6196:U40282
 R-HEMBA1006652//ESTs//7.6e-100:536:93//Hs.142613:AA129427
 R-HEMBA1006653//ESTs//2.0e-33:181:87//Hs.153599:AI282511
 45 R-HEMBA1006665//EST//1.2e-13:141:72//Hs.145596:AI263102
 R-HEMBA1006674//ESTs//3.1e-32:212:83//Hs.95115:AA206594
 R-HEMBA1006676//ESTs//2.6e-95:510:93//Hs.39140:AI041842
 R-HEMBA1006682//EST//1.4e-05:277:62//Hs.145762:AI269435
 R-HEMBA1006695//Homo sapiens apoptotic protease activating factor 1 (Apaf-1) mRNA, complete cds//1.9e-32:261:79//Hs.77579:AF013263
 50 R-HEMBA1006696//ESTs//4.5e-95:448:99//Hs.155694:AI032695
 R-HEMBA1006708//ESTs, Weakly similar to Miller-Dieker lissencephaly gene [H.sapiens]//1.1e-92:483:94//Hs.6525:AI205313
 R-HEMBA1006709//ESTs//3.4e-25:207:80//Hs.88617:AA872062
 55 R-HEMBA1006717
 R-HEMBA1006737//EST//5.9e-30:317:75//Hs.140568:AA826002
 R-HEMBA1006744//Interleukin 10//3.7e-41:419:74//Hs.2180:M57627
 R-HEMBA1006754//ESTs//1.2e-46:276:83//Hs.141254:AI334099

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R-HEMBA1006758//ESTs//0.00043:48:100//Hs.157265:AA489646
 R-HEMBA1006767//EST//0.094:120:65//Hs.159873:R92763
 R-HEMBA1006779//EST//9.3e-45:298:85//Hs.149580:AI281881
 R-HEMBA1006780//ESTs//1.6e-46:423:77//Hs.141602:N63562
 5 R-HEMBA1006789//ESTs//7.6e-55:245:95//Hs.6459:AI092936
 R-HEMBA1006795//ESTs//8.6e-47:315:78//Hs.140491:W52705
 R-HEMBA1006796//ESTs//0.26:175:65//Hs.103280:AI334978
 R-HEMBA1006807//Homo sapiens DEC-205 mRNA, complete cds//5.7e-47:461:75//Hs.153563:AF011333
 R-HEMBA1006821//ESTs//3.5e-12:222:68//Hs.150439:AI016305
 10 R-HEMBA1006824//Homo sapiens mRNA, clone:RES4-16//6.7e-51:298:90//Hs.121493:D25272
 R-HEMBA1006832//ESTs//0.0050:108:70//Hs.12853:T65556
 R-HEMBA1006849//Human mRNA for KIAA0118 gene, partial cds//2.1e-49:367:83//Hs.154326:D42087
 R-HEMBA1006865//ESTs//0.85:112:63//Hs.116430:AA644665
 R-nnnnnnnnnnnn//Homo sapiens mRNA for KIAA0772 protein, complete cds//1.8e-67:611:74//Hs.15519:
 15 AB018315
 R-HEMBA1006885//ESTs//2.4e-66:347:96//Hs.100624:N95453
 R-HEMBA1006900//ESTs//2.7e-91:466:96//Hs.32984:R89739
 R-HEMBA1006921//ESTs//2.2e-33:170:100//Hs.152277:AA593117
 R-HEMBA1006926//ESTs, Weakly similar to ZK1053.6 [C.elegans]//2.9e-28:213:84//Hs.9096:AA029400
 20 R-HEMBA1006929//ESTs//4.0e-13:210:66//Hs.100895:AA479308
 R-HEMBA1006936//ESTs//3.9e-05:60:93//Hs.8737:W22712
 R-HEMBA1006938//EST//0.0021:244:62//Hs.144237:W52382
 R-HEMBA1006941//Homo sapiens mRNA for putative thioredoxin-like protein//6.5e-77:371:98//Hs.42644:
 AJ010841
 25 R-HEMBA1006949//ESTs//1.2e-67:335:98//Hs.25780:R51321
 R-HEMBA1006973//ESTs//0.029:242:61//Hs.146074:N34457
 R-HEMBA1006976//EST//0.70:206:61//Hs.147092:AI189827
 R-HEMBA1006993//Human mRNA for KIAA0327 protein, complete cds//2.6e-47:368:80//Hs.149323:AB002325
 R-HEMBA1006996//ESTs//0.027:326:58//Hs.105008:AA451679
 30 R-HEMBA1007002//ESTs//0.13:116:66//Hs.26928:Z41440
 R-HEMBA1007017//ESTs//4.3e-47:208:87//Hs.155243:N70293
 R-HEMBA1007018//ESTs, Moderately similar to LIC-2 [R.norvegicus]//2.8e-112:558:96//Hs.107905:AI248363
 R-HEMBA1007045
 R-HEMBA1007051//ESTs//2.5e-39:321:80//Hs.146811:AA410788
 35 R-HEMBA1007052//EST//3.4e-41:377:74//Hs.44634:N34839
 R-HEMBA1007062//ESTs//1.2e-92:439:99//Hs.162882:AA807140
 R-HEMBA1007066//ESTs//0.85:204:61//Hs.22795:AI208272
 R-HEMBA1007073//ESTs//6.6e-52:362:85//Hs.30821:AI096866
 R-HEMBA1007078//EST, Moderately similar to !!!! ALU SUBFAMILY SQ WARNING ENTRY !!!! [H.sapiens]//7.2e-
 40 40:163:83//Hs.152369:AA504818
 R-HEMBA1007085//ESTs//8.1e-103:519:96//Hs.90638:AI348087
 R-HEMBA1007087//ESTs//3.1e-51:354:86//Hs.6449:W95025
 R-HEMBA1007112//EST//0.090:328:59//Hs.136623:AA633597
 R-HEMBA1007113//Homo sapiens mRNA, clone:RES4-16//1.1e-47:427:76//Hs.121493:D25272
 45 R-HEMBA1007129//ESTs//6.1e-13:314:65//Hs.137538:AA769438
 R-HEMBA1007147
 R-HEMBA1007149//ESTs//9.7e-103:540:94//Hs.127240:AA149818
 R-HEMBA1007151//ESTs//8.2e-102:505:96//Hs.24948:AA977674
 R-nnnnnnnnnnnn//Homo sapiens epsin 2b mRNA, complete cds//1.6e-104:529:94//Hs.22396:AF062085
 50 R-HEMBA1007178//ESTs//2.2e-57:366:90//Hs.21648:AI302954
 R-HEMBA1007194//ESTs//9.0e-68:336:98//Hs.49760:AA741051
 R-HEMBA1007203//Homo sapiens mRNA for KIAA0214 protein, complete cds//1.7e-62:332:95//Hs.3363:D86987
 R-HEMBA1007206//Human c-yes-1 mRNA//4.5e-49:390:80//Hs.75680:M15990
 R-HEMBA1007224//Homo sapiens mRNA for KIAA0797 protein, partial cds//7.4e-98:471:97//Hs.27197:
 55 AB018340
 R-HEMBA1007251//ESTs//1.6e-78:377:99//Hs.98912:AA436864
 R-HEMBA1007256//ESTs//3.5e-20:127:79//Hs.137352:AA024934
 R-HEMBA1007267//Homo sapiens KIAA0395 mRNA, partial cds//8.8e-48:343:83//Hs.43681:AL022394

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R-HEMBA1007273//ESTs//1.0e-98:472:98//Hs.122610:AA807062
 R-HEMBA1007279//ESTs//3.3e-107:558:94//Hs.126480:AI212107
 R-HEMBA1007281//EST//0.074:244:63//Hs.29304:R73543
 R-HEMBA1007288//EST//9.4e-43:344:81//Hs.162112:AA524804
 5 R-HEMBA1007300//ESTs//0.096:371:57//Hs.102680:N52990
 R-HEMBA1007301
 R-HEMBA1007319//ESTs//7.7e-113:570:96//Hs.29263:AI337917
 R-HEMBA1007320//ESTs, Moderately similar to hypothetical protein 2 [H.sapiens]//5.5e-15:311:64//Hs.142764:
 AA205569
 10 R-HEMBA1007322//Human kpni repeat mrna (cdna clone pcd-kpni-4), 3' end//5.7e-49:383:83//Hs.139107:
 K00629
 R-HEMBA1007327//Human melanoma antigen recognized by T-cells (MART-1) mRNA//1.9e-42:371:79//Hs.
 154069:U06452
 R-HEMBA1007341//EST//3.0e-17:291:68//Hs.150788:AI301848
 15 R-HEMBA1007342//EST//2.7e-11:263:67//Hs.145259:AI218684
 R-HEMBA1007347//Homo sapiens DEC-205 mRNA, complete cds//9.7e-47:368:82//Hs.153563:AF011333
 R-HEMBA1000005//ESTs, Weakly similar to putative p150 [H.sapiens]//3.3e-44:341:71//Hs.111730:AA604403
 R-HEMBA1000008//Homo sapiens tumor necrosis factor superfamily member LIGHT mRNA, complete cds//3.2e-
 40:292:83//Hs.129708:AF064090
 20 R-HEMBA1000018//H.sapiens mRNA for urea transporter//5.0e-49:311:87//Hs.66710:X96969
 R-HEMBA1000024//ESTs//7.5e-21:234:76//Hs.157049:AI345418
 R-HEMBA1000025//ESTs//2.2e-36:371:78//Hs.56562:AA056332
 R-HEMBA1000030//ESTs//3.2e-76:373:97//Hs.140190:AA701449
 R-HEMBA1000036//ESTs, Highly similar to HYPOTHETICAL 43.2 KD PROTEIN C34E10.1 IN CHROMOSOME
 25 III [Caenorhabditis elegans]//6.0e-92:477:95//Hs.4877:AA418465
 R-HEMBA1000037//Homo sapiens erythroblast macrophage protein EMP mRNA, complete cds//2.5e-92:467:97//
 Hs.20815:AF084928
 R-HEMBA1000039//ESTs//1.8e-43:361:71//Hs.108206:N64702
 R-HEMBA1000044//EST//7.6e-70:367:95//Hs.140860:R42954
 30 R-HEMBA1000048//EST//1.5e-45:262:91//Hs.157627:AI357802
 R-HEMBA1000050//ESTs//0.039:91:74//Hs.163189:AA236903
 R-HEMBA1000054//ESTs//3.0e-104:550:94//Hs.152395:AA533107
 R-HEMBA1000055//ESTs, Moderately similar to UBIQUINOL-CYTOCHROME C REDUCTASE COMPLEX SUB-
 UNIT VI REQUIRING PROTEIN [H.sapiens]//1.1e-72:350:99//Hs.116490:AA659584
 35 R-HEMBA1000059//ESTs//1.7e-10:200:70//Hs.163954:N57939
 R-HEMBA1000083//Homo sapiens mRNA for GCP170, complete cds//6.0e-41:337:80//Hs.4953:D63997
 R-HEMBA1000089//Human mRNA for KIAA0355 gene, complete cds//3.5e-39:487:70//Hs.153014:AB002353
 R-HEMBA1000099//ESTs//5.7e-37:353:75//Hs.22910:W18193
 R-HEMBA1000103//Homo sapiens mRNA for KIAA0640 protein, partial cds//6.5e-18:298:69//Hs.153026:
 40 AB014540
 R-HEMBA1000113//EST//8.2e-94:437:100//Hs.136893:AA805239
 R-HEMBA1000119//Homo sapiens ASMTL gene//1.2e-84:428:95//Hs.6315:Y15521
 R-HEMBA1000136//ESTs//0.043:262:59//Hs.61304:AA025692
 R-HEMBA1000141//ESTs//5.0e-38:254:79//Hs.141658:N77915
 45 R-HEMBA1000144//ESTs//9.6e-05:235:60//Hs.61700:AA033951
 R-HEMBA1000173//EST//9.6e-44:258:76//Hs.161917:AA483223
 R-HEMBA1000175//ESTs//4.8e-98:475:97//Hs.149740:AI199558
 R-HEMBA1000198//ESTs//1.0:123:62//Hs.116602:AA665965
 R-HEMBA1000215//Human mRNA for KIAA0355 gene, complete cds//2.2e-46:302:86//Hs.153014:AB002353
 50 R-HEMBA1000217//ESTs//2.2e-105:496:99//Hs.65973:AI339364
 R-HEMBA1000218//Homo sapiens DNA fragmentation factor 40 kDa subunit (DFF40) mRNA, complete cds//1.1e-
 48:292:79//Hs.133089:AF064019
 R-HEMBA1000226//ESTs, Weakly similar to HYPOTHETICAL 37.0 KD PROTEIN B0495.8 IN CHROMOSOME
 II [C.elegans]//5.1e-73:449:89//Hs.16803:AA843214
 55 R-HEMBA1000240//ESTs//1.1e-109:536:97//Hs.13528:AA523106
 R-HEMBA1000244//Small inducible cytokine A5 (RANTES)//9.5e-42:323:83//Hs.155464:AF088219
 R-HEMBA1000250//EST//8.8e-12:284:64//Hs.145960:AI276783
 R-HEMBA1000258//EST//4.5e-14:315:66//Hs.162551:AA584782

R-HEM BB1000264
 R-HEM BB1000266//ESTs, Weakly similar to similar to the beta transducin family [C.elegans]//2.7e-102:556:93//
 Hs.16079:AA083522
 R-HEM BB1000272//ESTs//4.3e-91:480:94//Hs.107467:H11385
 5 R-HEM BB1000274//Homo sapiens mRNA for KIAA0557 protein, partial cds//7.9e-24:198:72//Hs.101414:
 AB011129
 R-HEM BB1000284//ESTs//4.8e-64:389:91//Hs.118043:N50458
 R-HEM BB1000307//Human mRNA for KIAA0355 gene, complete cds//3.6e-43:288:87//Hs.153014:AB002353
 R-HEM BB1000312//ESTs//6.0e-23:272:73//Hs.121354:AA758601
 10 R-HEM BB1000317//ESTs//7.5e-90:424:99//Hs.150042:AI298034
 R-HEM BB1000318//Small inducible cytokine A5 (RANTES)//3.3e-41:318:80//Hs.155464:AF088219
 R-HEM BB1000335//ESTs//3.7e-15:324:65//Hs.85077:AA968576
 R-HEM BB1000336//ESTs//6.4e-76:402:95//Hs.17207:H92480
 R-HEM BB1000337//ESTs//2.1e-80:391:97//Hs.118990:A1378084
 15 R-HEM BB1000338//Small inducible cytokine A5 (RANTES)//4.0e-39:274:85//Hs.155464:AF088219
 R-HEM BB1000339//EST//5.8e-41:336:79//Hs.151873:AA205736
 R-HEM BB1000341//ESTs//3.8e-19:310:68//Hs.37573:H59651
 R-HEM BB1000343//EST//1.1e-77:396:95//Hs.162664:AA605020
 R-HEM BB1000354//Human mRNA for KIAA0186 gene, complete cds//1.7e-15:293:65//Hs.36232:D80008
 20 R-HEM BB1000369//ESTs//1.6e-21:234:73//Hs.111583:AA463590
 R-HEM BB1000374//Homo sapiens mRNA, chromosome 1 specific transcript KIAA0487//2.3e-56:335:77//Hs.
 92381:AB007956
 R-HEM BB1000376//H.sapiens mRNA for urea transporter//2.7e-50:525:74//Hs.66710:X96969
 R-HEM BB1000391//ESTs//6.6e-50:316:88//Hs.142259:AA828840
 25 R-HEM BB1000399//Homo sapiens mRNA for cell cycle checkpoint protein//3.8e-109:531:97//Hs.16184:AJ001642
 R-HEM BB1000402//H.sapiens mRNA for MACH-alpha-2 protein//2.7e-35:369:72//Hs.19949:X98173
 R-HEM BB1000404//ESTs//0.088:298:59//Hs.61607:AA032026
 R-HEM BB1000420//EST//2.2e-78:376:98//Hs.160787:AI336591
 R-HEM BB1000434//Human mRNA for KIAA0118 gene, partial cds//3.9e-50:302:89//Hs.154326:D42087
 30 R-HEM BB1000438//ESTs, Weakly similar to !!!! ALU CLASS B WARNING ENTRY !!!! [H.sapiens]//0.30:214:63//
 Hs.142209:AA873303
 R-HEM BB1000441//Human c-yes-1 mRNA//2.2e-46:280:90//Hs.75680:M15990
 R-HEM BB1000449//ESTs//7.8e-59:332:92//Hs.87013:AA130221
 R-HEM BB1000455//EST//4.8e-14:421:65//Hs.68832:AA088438
 35 R-HEM BB1000472//ESTs//1.1e-104:505:98//Hs.132824:AI033396
 R-HEM BB1000480//Human mRNA for KIAA0392 gene, partial cds//2.5e-49:295:90//Hs.40100:AB002390
 R-HEM BB1000487//EST//0.78:87:68//Hs.134601:AI081506
 R-HEM BB1000490//Small inducible cytokine A5 (RANTES)//4.0e-39:320:80//Hs.155464:AF088219
 R-HEM BB1000491//Homo sapiens PYRIN (MEFV) mRNA, complete cds//3.7e-50:312:76//Hs.113283:AF018080
 40 R-HEM BB1000493//ESTs//7.1e-18:150:82//Hs.142068:AA176125
 R-HEM BB1000510//EST//1.4e-45:139:97//Hs.152260:AA489703
 R-HEM BB1000518//Human mRNA for KIAA0118 gene, partial cds//4.8e-50:415:78//Hs.154326:D42087
 R-HEM BB1000523//Homo sapiens PYRIN (MEFV) mRNA, complete cds//2.7e-57:497:78//Hs.113283:AF018080
 R-HEM BB1000530//ESTs//2.7e-73:425:90//Hs.141254:AI334099
 45 R-HEM BB1000550//EST//2.9e-11:113:79//Hs.161503:N68662
 R-HEM BB1000554//Human huntingtin interacting protein (HIP1) mRNA, complete cds//8.2e-13:92:81//Hs.97206:
 AF052288
 R-HEM BB1000556//ESTs//1.1e-94:529:92//Hs.33476:N36986
 R-HEM BB1000564//ESTs//1.3e-19:128:91//Hs.142058:N34258
 50 R-HEM BB1000573//ESTs//1.6e-86:494:90//Hs.120979:AI160709
 R-HEM BB1000575//ESTs//1.6e-45:232:74//Hs.141019:AA287618
 R-HEM BB1000586//ESTs//5.1e-42:281:83//Hs.138852:AA284247
 R-HEM BB1000589//ESTs//1.0e-10:184:71//Hs.142677:R95895
 R-HEM BB1000591//ESTs//3.2e-40:406:75//Hs.138787:H73704
 55 R-HEM BB1000592//ESTs//1.8e-97:455:99//Hs.94229:W65391
 R-HEM BB1000598//Human anti secretory factor-1 mRNA, complete cds//1.8e-46:305:85//Hs.148495:AF050199
 R-HEM BB1000623//ESTs//8.3e-47:277:92//Hs.6045:W67125
 R-HEM BB1000630//ESTs//5.1e-106:538:96//Hs.13422:AI082249

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R-HEM BB1000631//ESTs//5.1e-100:508:96//Hs.110379:N58152
R-HEM BB1000632//ESTs//6.2e-44:371:80//Hs.132722:AA618531
R-HEM BB1000637//Human mRNA for KIAA0080 gene, partial cds//6.4e-49:254:86//Hs.74554:D38522
5 R-HEM BB1000638//EST//2.2e-38:371:76//Hs.162236:AA551582
R-HEM BB1000643//ESTs//0.0049:191:62//Hs.55445:W31963
R-HEM BB1000649//ESTs, Moderately similar to hTAFII68 [H.sapiens]//4.0e-76:399:95//Hs.124106:AA948100
R-HEM BB1000652//ESTs//1.5e-14:271:64//Hs.163954:N57939
R-HEM BB1000665//ESTs//4.2e-12:109:87//Hs.41407:W94988
R-HEM BB1000671//ESTs//2.8e-68:439:87//Hs.140491:W52705
10 R-HEM BB1000673//EST//0.58:46:82//Hs.142286:AA338293
R-HEM BB1000684//ESTs//8.5e-20:307:72//Hs.122825:AA765454
R-HEM BB1000705//Small inducible cytokine A5 (RANTES)//4.6e-24:165:78//Hs.155464:AF088219
R-HEM BB1000706//EST//1.2e-10:211:65//Hs.105524:AA521412
15 R-HEM BB1000709//ESTs, Weakly similar to putative p150 [H.sapiens]//3.9e-50:245:99//Hs.111730:AA604403
R-HEM BB1000725//Human mRNA for KIAA0308 gene, partial cds//0.11:350:59//Hs.10351:AB002306
R-HEM BB1000726//EST//5.3e-49:303:88//Hs.149580:AI281881
R-HEM BB1000738//Homo sapiens mRNA, clone:RES4-16//2.5e-49:302:89//Hs.121493:D25272
R-HEM BB1000749//ESTs//1.6e-49:331:86//Hs.152788:AA630925
20 R-HEM BB1000763//ESTs//9.7e-104:474:95//Hs.77480:AA100522
R-HEM BB1000770//EST//1.0e-75:359:99//Hs.136564:AA642445
R-HEM BB1000781//ESTs//5.3e-66:317:99//Hs.28827:AI125541
R-HEM BB1000789//ESTs//5.9e-83:394:99//Hs.120842:AA435771
R-HEM BB1000790//PLATELET GLYCOPROTEIN V PRECURSOR//1.3e-37:193:75//Hs.73734:Z23091
25 R-HEM BB1000794//ESTs//7.1e-98:490:96//Hs.105743:AA532718
R-HEM BB1000807//ESTs//2.6e-22:145:92//Hs.53913:AA908961
R-HEM BB1000810//Small inducible cytokine A5 (RANTES)//1.8e-34:206:79//Hs.155464:AF088219
R-HEM BB1000821//ESTs//2.4e-90:425:99//Hs.118659:AI052447
R-HEM BB1000822//ESTs//1.7e-45:288:89//Hs.24130:R27124
30 R-HEM BB1000826//Small inducible cytokine A5 (RANTES)//2.9e-51:245:82//Hs.155464:AF088219
R-HEM BB1000827//EST//2.8e-40:295:84//Hs.149580:AI281881
R-HEM BB1000831//ESTs//4.0e-59:291:98//Hs.62675:AA044176
R-HEM BB1000835//ESTs//7.3e-21:124:82//Hs.102671:N52545
R-HEM BB1000840//ATPase, Na⁺/K⁺ transporting, beta 2 polypeptide//1.3e-43:163:84//Hs.78854:AF007876
35 R-HEM BB1000848//Homo sapiens mRNA for KIAA0565 protein, complete cds//9.5e-41:367:78//Hs.129740:AB011137
R-HEM BB1000852//EST//1.2e-09:188:70//Hs.127869:AA968599
R-HEM BB1000870//Cytochrome P450, 51 (lanosterol 14-alpha-demethylase)//1.0e-41:483:73//Hs.2379:U23942
R-HEM BB1000876//EST//0.0022:211:63//Hs.125552:AA884141
40 R-HEM BB1000883//ESTs//1.4e-65:343:95//Hs.98269:H27247
R-HEM BB1000887//ESTs//4.0e-22:212:79//Hs.138965:AI004740
R-HEM BB1000888//EST//8.2e-07:196:64//Hs.118276:W15258
R-HEM BB1000890//ISLET AMYLOID POLYPEPTIDE PRECURSOR//1.1e-46:327:83//Hs.51048:X68830
R-HEM BB1000893//EST//4.7e-34:242:85//Hs.149580:AI281881
45 R-HEM BB1000908//EST//0.95:27:100//Hs.142568:AA285066
R-HEM BB1000910//ESTs//1.9e-36:318:78//Hs.141140:AA715983
R-HEM BB1000913//Human mRNA for KIAA0327 protein, complete cds//2.5e-33:367:73//Hs.149323:AB002325
R-HEM BB1000915//ESTs//0.00018:188:61//Hs.44847:AI222742
R-HEM BB1000917//Homo sapiens KIAA0414 mRNA, partial cds//3.7e-41:228:84//Hs.127649:AB007874
50 R-HEM BB1000927//ESTs//2.2e-62:307:98//Hs.97044:AA365784
R-HEM BB1000947//ESTs, Weakly similar to F26E4.13 [C.elegans]//3.3e-60:350:91//Hs.49163:AA532881
R-HEM BB1000959//Human Line-1 repeat mRNA with 2 open reading frames//8.1e-84:546:86//Hs.23094:MI9503
R-HEM BB1000973//ESTs//6.8e-95:445:99//Hs.105859:AI419354
R-HEM BB1000975//ESTs//1.2e-39:197:100//Hs.26176:AI032007
55 R-HEM BB1000981//EST//7.7e-58:284:98//Hs.60179:AA007242
R-HEM BB1000985//ESTs//1.2e-103:524:95//Hs.43102:AA131369
R-HEM BB1000991//EST//0.99:58:72//Hs.100246:T23625
R-HEM BB1000996//Homo sapiens LIM protein mRNA, complete cds//1.3e-41:482:70//Hs.154103:AF061258

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R-HEMBB1001004//ESTs//5.7e-70:362:95//Hs.6434:W2112
R-HEMBB1001008//ESTs, Weakly similar to hypothetical L1 protein [H.sapiens]//2.3e-25:339:71//Hs.129992:
H58762
R-HEMBB1001011//ESTs//4.0e-53:325:92//Hs.33268:AI191214
5 R-HEMBB1001014//ESTs//1.3e-46:323:83//Hs.163980:AA715814
R-HEMBB1001020//Homo sapiens PYRIN (MEFV) mRNA, complete cds//3.0e-46:305:76//Hs.113283:AF018080
R-HEMBB1001024//ESTs//8.5e-47:374:80//Hs.141602:N63562
R-HEMBB1001037//ESTs//2.6e-47:282:91//Hs.155384:Z78385
R-HEMBB1001047//EST//6.2e-33:232:74//Hs.160146:AI049975
10 R-HEMBB1001051//ESTs//3.7e-79:385:98//Hs.95290:AA046107
R-HEMBB1001056//Homo sapiens mRNA for KIAA0618 protein, complete cds//1.1e-87:497:91//Hs.15832:
AB014518
R-HEMBB1001058//Homo sapiens mRNA for KIAA0475 protein, complete cds//2.2e-26:125:81//Hs.5737:
AB007944
15 R-HEMBB1001060//ESTs//1.9e-37:541:69//Hs.141534:N64785
R-HEMBB1001063//ESTs//4.7e-42:269:88//Hs.55855:AA621381
R-HEMBB1001068//Homo sapiens liprin-beta2 mRNA, partial cds//9.1e-107:512:97//Hs.12953:AF034803
R-HEMBB1001096//Human HsLIM15 mRNA for HsLIM15, complete cds//1.2e-20:233:70//Hs.37181:D64108
R-HEMBB1001102//Human mRNA for KIAA0355 gene, complete cds//9.1e-40:299:82//Hs.153014:AB002353
20 R-HEMBB1001105//Homo sapiens PYRIN (MEFV) mRNA, complete cds//4.8e-46:296:87//Hs.113283:AF018080
R-HEMBB1001114//ESTs//6.2e-44:293:86//Hs.70279:AA757426
R-HEMBB1001117//ESTs//1.1e-80:471:90//Hs.61935:T75092
R-HEMBB1001119//ESTs//4.0e-38:213:84//Hs.109140:AI289942
R-HEMBB1001126
25 R-HEMBB1001133//Human SS-A/Ro ribonucleoprotein autoantigen 60 kd subunit mRNA, complete cds//1.6e-24:
285:73//Hs.554:M25077
R-HEMBB1001137//ESTs//4.6e-10:66:100//Hs.74924:AI332962
R-HEMBB1001142//EST//6.4e-48:315:85//Hs.149580:AI281881
R-HEMBB1001151
30 R-HEMBB1001153//ESTs, Moderately similar to !!!! ALU SUBFAMILY J WARNING ENTRY !!!! [H.sapiens]//1.3e-
65:331:96//Hs.154179:AA579197
R-HEMBB1001169//Oxytocin receptor//1.5e-25:165:73//Hs.2820:X64878
R-nnnnnnnnnnnnn//ESTs//3.5e-41:233:93//Hs.129218:AA991162
R-HEMBB1001177
35 R-HEMBB1001182//ESTs//1.9e-86:455:95//Hs.6937:AA524349
R-HEMBB1001199
R-HEMBB1001208//ESTs//3.3e-43:216:99//Hs.121806:N71183
R-HEMBB1001209//ESTs//6.7e-80:409:96//Hs.141185:R99549
R-HEMBB1001210//ESTs//2.2e-46:290:88//Hs.103329:D11573
40 R-HEMBB1001218//Kangai 1 (suppression of tumorigenicity 6, prostate; CD82 antigen (R2 leukocyte antigen,
antigen detected by monoclonal and antibody IA4))//3.1e-44:298:87//Hs.103458:X53795
R-HEMBB1001221//ESTs//9.4e-75:353:100//Hs.151504:AA550817
R-HEMBB1001234//ESTs, Highly similar to 65 KD YES-ASSOCIATED PROTEIN [Gallus gallus]//3.8e-80:400:96//
Hs.71873:AA148213
45 R-HEMBB1001242//ESTs//1.6e-63:404:87//Hs.25534:AA149560
R-HEMBB1001249//ESTs//3.8e-34:360:70//Hs.150727:AI292236
R-HEMBB1001253//EST//0.0011:84:77//Hs.124579:AA853987
R-HEMBB1001254//ESTs//4.5e-95:444:99//Hs.161059:AI431268
R-HEMBB1001267//Homo sapiens mRNA, chromosome 1 specific transcript KIAA0501//1.3e-50:524:73//Hs.
50 159897:AB007970
R-HEMBB1001271//Human mRNA for KIAA0118 gene, partial cds//4.0e-45:323:84//Hs.154326:D42087
R-HEMBB1001282//EST//2.9e-78:401:96//Hs.72871:AA169412
R-HEMBB1001288//ESTs, Highly similar to HYPOTHETICAL 27.3 KD PROTEIN ZK353.7 IN CHROMOSOME III
[Caenorhabditis elegans]//2.6e-104:515:97//Hs.16606:W81021
55 R-HEMBB1001289//ESTs//7.8e-45:440:75//Hs.44702:AI148840
R-HEMBB1001294//ESTs//1.9e-100:476:99//Hs.109017:AI057112
R-HEMBB1001302
R-HEMBB1001304//ESTs//4.0e-92:431:99//Hs.113750:AI091154

- R-HEM BB1001314//Interleukin 10//6.3e-41:334:79//Hs.2180:M57627
 R-HEM BB1001315//Interleukin 10//1.9e-43:285:87//Hs.2180:M57627
 R-HEM BB1001317//Human cytochrome P450-IIB (hIIB3) mRNA, complete cds//8.4e-45:357:81//Hs.110194:M29873
- 5 R-HEM BB1001326//ESTs//0.85:174:62//Hs.133487:AI393754
 R-HEM BB1001331//ESTs, Weakly similar to DFS70 [H.sapiens]//6.5e-61:313:96//Hs.43071:AA206222
 R-HEM BB1001335//EST//5.2e-80:381:99//Hs.116769:AA630365
 R-HEM BB1001337//ESTs//2.7e-84:404:99//Hs.148966:AI242639
 R-HEM BB1001339//ESTs//2.1e-97:485:96//Hs.88357:AA262470
- 10 R-HEM BB1001346
 R-HEM BB1001348//ESTs//1.1e-43:295:85//Hs.163604:R94354
 R-HEM BB1001356//EST//6.0e-11:89:88//Hs.152366:AA486721
 R-HEM BB1001364//ESTs, Moderately similar to !!!! ALU SUBFAMILY J WARNING ENTRY !!!! [H.sapiens]//3.0e-12:129:79//Hs.9792:AA027055
- 15 R-HEM BB1001366//Human mRNA for KIAA0118 gene, partial cds//1.2e-50:550:72//Hs.154326:D42087
 R-HEM BB1001367//ESTs//1.2e-19:165:82//Hs.146314:R99617
 R-HEM BB1001369//Small inducible cytokine A5 (RANTES)//1.9e-25:217:80//Hs.155464:AF088219
 R-HEM BB1001380//ESTs//4.0e-08:216:63//Hs.143763:AI174205
 R-HEM BB1001384//ESTs//6.6e-110:547:96//Hs.6671:AI341699
- 20 R-HEM BB1001387//ESTs//1.1e-104:497:98//Hs.87654:AA853970
 R-HEM BB1001394//ESTs//6.4e-73:428:89//Hs.139922:AA281350
 R-HEM BB1001410//Alcohol dehydrogenase 7 sigma subunit (class IV)//0.88:365:58//Hs.389:X76342
 R-HEM BB1001424//ESTs//1.3e-88:466:94//Hs.42174:AA194644
 R-HEM BB1001426//ESTs//2.2e-45:337:82//Hs.37573:H59651
- 25 R-HEM BB1001429//EST//3.8e-59:543:76//Hs.158803:AI376846
 R-HEM BB1001436//ESTs//3.7e-69:332:99//Hs.156518:AA724317
 R-HEM BB1001443//ESTs//4.8e-54:270:98//Hs.21898:AI088201
 R-HEM BB1001449//ESTs//3.2e-43:170:84//Hs.150727:AI292236
 R-HEM BB1001454//ESTs//9.1e-46:304:86//Hs.139190:N55515
- 30 R-HEM BB1001458//ESTs//3.2e-98:478:97//Hs.50144:N67293
 R-HEM BB1001463//Homo sapiens KIAA0421 mRNA, partial cds//4.3e-50:440:78//Hs.41742:AB007881
 R-HEM BB1001464//ESTs, Weakly similar to K01H12.1 [C.elegans]//0.25:222:61//Hs.13275:AI341468
 R-HEM BB1001482//ESTs, Moderately similar to zinc finger protein [R.norvegicus]//0.80:53:83//Hs.26799:W74481
 R-HEM BB1001500//EST//1.4e-13:310:67//Hs.162663:AA604515
- 35 R-HEM BB1001521//Homo sapiens mRNA for KIAA0737 protein, complete cds//2.5e-29:186:92//Hs.17630:AB018280
 R-HEM BB1001527//ESTs, Weakly similar to HYPOTHETICAL 92.1 KD PROTEIN ZK1098.3 IN CHROMOSOME III [Caenorhabditis elegans]//4.7e-51:404:81//Hs.141429:AA631915
 R-HEM BB1001531//ESTs//3.3e-13:250:67//Hs.139158:AA226159
- 40 R-HEM BB1001535//H.sapiens mRNA for sigma 3B protein//1.9e-39:291:82//Hs.154782:X99459
 R-HEM BB1001536//Human mRNA for KIAA0355 gene, complete cds//5.0e-44:318:83//Hs.153014:AB002353
 R-HEM BB1001537//Homo sapiens KIAA0409 mRNA, partial cds//3.2e-47:318:80//Hs.5158:AB007869
 R-HEM BB1001555//ESTs//2.6e-13:182:71//Hs.112671:AI377274
 R-HEM BB1001562//ESTs//1.7e-43:316:83//Hs.151365:AA643962
- 45 R-HEM BB1001564//EST//1.3e-35:141:81//Hs.162197:AA53521
 R-HEM BB1001565//Human mRNA for KIAA0331 gene, complete cds//5.1e-18:152:85//Hs.146395:AB002329
 R-HEM BB1001585//ESTs//1.1e-32:190:84//Hs.33354:AA179944
 R-HEM BB1001586//ESTs//4.9e-94:447:99//Hs.124084:AA843219
 R-HEM BB1001588//EST//8.3e-27:363:69//Hs.141603:N66015
- 50 R-HEM BB1001603//ESTs//1.2e-101:482:99//Hs.12403:AI090184
 R-HEM BB1001618//ESTs//5.8e-35:437:70//Hs.136868:AA805044
 R-HEM BB1001619//EST//1.7e-38:476:70//Hs.139093:AA166888
 R-HEM BB1001630//Homo sapiens mRNA, clone:RES4-16//5.7e-41:193:90//Hs.121493:D25272
 R-HEM BB1001635//ESTs//9.5e-34:304:82//Hs.140444:AI002082
- 55 R-HEM BB1001637//ESTs//1.0e-42:443:74//Hs.21978:AA009633
 R-HEM BB1001641//EST//2.4e-06:67:86//Hs.162398:AA572813
 R-HEM BB1001653//ESTs//4.8e-80:381:99//Hs.140502:AA806438
 R-HEM BB1001665//ESTs//2.3e-44:372:79//Hs.132818:AI038577

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R-HEM BB1001668//ESTs//0.73:212:62//Hs.8928:N32572
R-HEM BB1001673//Homo sapiens mRNA for KIAA0646 protein, complete cds//5.9e-117:573:97//Hs.24439:AB014546
R-HEM BB1001684//ESTs, Moderately similar to Tbcd [M.musculus]//5.4e-106:523:97//Hs.26939:AA804534
5 R-HEM BB1001685//ESTs, Moderately similar to !!!! ALU SUBFAMILY J WARNING ENTRY !!!! [H.sapiens]//1.9e-43:292:86//Hs.96337:AA225358
R-HEM BB1001695//ESTs//3.7e-101:539:94//Hs.78289:R60867
R-HEM BB1001704//EST//0.96:248:57//Hs.163025:AA703038
R-HEM BB1001706//ESTs//1.3e-39:308:81//Hs.141318:N71080
10 R-HEM BB1001707//ESTs, Moderately similar to hypothetical protein 2 [H.sapiens]//4.9e-32:277:73//Hs.142764:AA205569
R-HEM BB1001717//ESTs//1.6e-34:225:87//Hs.57883:AA218645
R-HEM BB1001735//ESTs, Highly similar to LINE-1 REVERSE TRANSCRIPTASE HOMOLOG [Homo sapiens]//8.6e-11:158:71//Hs.141263:H64113
15 R-HEM BB1001736//ESTs//0.0035:223:60//Hs.21354:AA203403
R-HEM BB1001747//EST//9.9e-55:293:81//Hs.112866:AA620488
R-HEM BB1001749//ESTs//2.5e-13:95:91//Hs.139888:N25287
R-HEM BB1001753//ESTs//2.6e-07:141:70//Hs.144604:AI052059
R-HEM BB1001756//EST//2.6e-06:165:64//Hs.121195:AA757211
20 R-HEM BB1001760//LOW-DENSITY LIPOPROTEIN RECEPTOR PRECURSOR//1.3e-24:264:74//Hs.70008:L00352
R-HEM BB1001762//ESTs//2.1e-81:447:93//Hs.152766:AA211369
R-HEM BB1001785//ESTs//0.040:390:58//Hs.116651:AA993406
R-HEM BB1001797//ESTs//2.1e-90:428:99//Hs.8958:AA169253
25 R-HEM BB1001802//Desmin//9.9e-95:497:93//Hs.119104:M63391
R-HEM BB1001812//ESTs//1.2e-12:91:78//Hs.138852:AA284247
R-HEM BB1001816//Human Line-1 repeat mRNA with 2 open reading frames//5.9e-13:143:76//Hs.23094:M19503
R-HEM BB1001831//Homo sapiens PAM COOH-terminal interactor protein 1 (PCIP1) mRNA, complete cds//5.5e-106:498:98//Hs.159396:AF056209
30 R-HEM BB1001836//Homo sapiens mRNA, chromosome 1 specific transcript KIAA0488//9.6e-39:288:73//Hs.67619:AB007957
R-HEM BB1001839
R-HEM BB1001850//EST//0.020:119:68//Hs.32767:H38125
R-HEM BB1001863//ESTs//4.5e-17:226:72//Hs.157253:AI357539
35 R-HEM BB1001867//ESTs//2.3e-16:254:68//Hs.123664:AA806106
R-HEM BB1001868//EST//9.8e-30:155:100//Hs.160572:AA888397
R-HEM BB1001869//ESTs//2.8e-42:376:78//Hs.141973:N21434
R-HEM BB1001872//EST//0.85:156:64//Hs.119501:AA487980
R-HEM BB1001874//EST//0.64:107:70//Hs.147482:AI215572
40 R-HEM BB1001875//EST//0.079:199:59//Hs.121810:AA775240
R-HEM BB1001880//Thromboxane A2 receptor//9.0e-47:297:88//Hs.89887:D38081
R-HEM BB1001899//ESTs//6.3e-68:323:100//Hs.121538:AA609310
R-HEM BB1001905//ESTs//4.4e-19:227:73//Hs.146173:AA906191
R-HEM BB1001906//ESTs//1.6e-90:463:95//Hs.28266:H46725
45 R-HEM BB1001908//Homo sapiens EVI5 homolog mRNA, complete cds//3.7e-27:557:64//Hs.26929:AF008915
R-HEM BB1001910//EST//6.0e-37:308:78//Hs.162197:AA535216
R-HEM BB1001911//Homo sapiens tapasin (NGS-17) mRNA, complete cds//8.0e-58:367:79//Hs.5247:AF029750
R-HEM BB1001915//ESTs//3.1e-73:395:93//Hs.17054:AI139897
R-HEM BB1001921//Human mRNA for KIAA0392 gene, partial cds//2.7e-50:323:88//Hs.40100:AB002390
50 R-HEM BB1001922//H.sapiens mRNA for novel member of serine-arginine domain protein, SRp129//7.4e-38:531:70//Hs.153086:Y11251
R-HEM BB1001925//Human mRNA for KIAA0327 protein, complete cds//9.5e-19:199:77//Hs.149323:AB002325
R-HEM BB1001930//EST//1.9e-18:136:78//Hs.132635:AI032875
R-HEM BB1001944//EST//0.034:228:57//Hs.93664:N23366
55 R-HEM BB1001945//ESTs//1.8e-83:439:95//Hs.7341:N57875
R-HEM BB1001947//ESTs//5.6e-109:533:97//Hs.48855:AA134589
R-HEM BB1001950//ESTs//1.5e-107:583:93//Hs.8033:N94998
R-HEM BB1001952//ESTs//3.1e-40:283:85//Hs.146811:AA410788

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R-HEM BB1001953//Human mRNA for KIAA0080 gene, partial cds//6.2e-50:284:83//Hs.74554:D38522
 R-HEM BB1001957//EST//4.8e-50:382:81//Hs.149580:AI281881
 R-HEM BB1001962//ESTs//1.5e-20:143:88//Hs.11924:W26972
 5 R-HEM BB1001967//Homo sapiens mRNA for KIAA0575 protein, complete cds//2.3e-61:296:88//Hs.153468:AB011147
 R-HEM BB1001973//ESTs//1.4e-48:303:88//Hs.132722:AA618531
 R-HEM BB1001983//ESTs//2.6e-72:374:95//Hs.141022:H06475
 R-HEM BB1001988//ESTs//2.0e-31:204:88//Hs.142531:N91572
 R-HEM BB1001990//ESTs//9.4e-115:574:96//Hs.44426:AA173223
 10 R-HEM BB1001996
 R-HEM BB1001997//ESTs//7.6e-78:380:98//Hs.32682:H37798
 R-HEM BB1002002//Human kpni repeat mrna (cdna clone pcd-kpni-8), 3' end//3.0e-18:222:71//Hs.103948:K00627
 R-HEM BB1002005//EST//2.2e-41:339:80//Hs.160833:AI345334
 15 R-HEM BB1002009//EST//2.9e-44:245:94//Hs.28788:R66896
 R-HEM BB1002015//EST//0.0027:198:63//Hs.160868:AI359052
 R-HEM BB1002042//ESTs//1.1e-75:529:84//Hs.106919:AA523900
 R-HEM BB1002043//ESTs//7.9e-40:292:83//Hs.70279:AA757426
 R-HEM BB1002044//ESTs//2.1e-92:460:94//Hs.115897:AA156638
 20 R-HEM BB1002045//Homo sapiens PYRIN (MEFV) mRNA, complete cds//5.6e-75:301:85//Hs.113283:AF018080
 R-HEM BB1002049//ESTs//3.8e-77:409:94//Hs.122624:R82638
 R-HEM BB1002050//ESTs//8.7e-45:330:82//Hs.44702:AI148840
 R-HEM BB1002068//ESTs//8.3e-70:333:99//Hs.134807:AI090671
 R-HEM BB1002069//Homo sapiens neuronal thread protein AD7c-NTP mRNA, complete cds//1.5e-75:486:81//Hs.129735:AF010144
 25 R-HEM BB1002092//ESTs//6.5e-46:331:83//Hs.22910:W18193
 R-HEM BB1002094//EST//3.6e-45:280:88//Hs.149580:AI281881
 R-HEM BB1002115
 R-HEM BB1002139//ESTs//4.2e-45:318:85//Hs.107657:AA126814
 30 R-HEM BB1002142//Homo sapiens haemopoietic progenitor homeobox HPX42B (HPX42B) mRNA, complete cds//1.4e-45:281:88//Hs.125231:AF068006
 R-HEM BB1002152//EST//4.3e-39:250:89//Hs.156552:AA833553
 R-HEM BB1002189//H.sapiens mRNA for translin associated protein X//1.4e-47:328:85//Hs.96247:X95073
 R-HEM BB1002190//ESTs//8.3e-05:122:70//Hs.41974:AF039185
 35 R-HEM BB1002193//Human sky mRNA for Sky, complete cds//8.9e-24:398:69//Hs.301:U18934
 R-HEM BB1002217//EST//6.6e-50:303:89//Hs.149580:AI281881
 R-HEM BB1002218//ESTs//2.3e-19:150:86//Hs.136031:W95841
 R-HEM BB1002232//ESTs//8.9e-47:445:77//Hs.163971:N27584
 R-HEM BB1002247//EST//6.6e-09:236:65//Hs.130578:AI004631
 40 R-HEM BB1002249//ESTs//5.2e-16:325:64//Hs.156253:AI334807
 R-HEM BB1002254//Human Line-1 repeat mRNA with 2 open reading frames//3.8e-99:590:88//Hs.23094:M19503
 R-HEM BB1002255//Human mRNA for KIAA0365 gene, partial cds//5.6e-45:342:83//Hs.84123:AB002363
 R-HEM BB1002266//ESTs//4.4e-98:472:98//Hs.65366:AI189112
 R-HEM BB1002280//EST//2.9e-41:247:90//Hs.161917:AA483223
 45 R-HEM BB1002300//ESTs//8.4e-19:229:75//Hs.138463:N72305
 R-HEM BB1002306//Homo sapiens KIAA0432 mRNA, complete cds//0.0021:138:67//Hs.155174:AB007892
 R-HEM BB1002327//EST//0.042:249:61//Hs.121097:AA714637
 R-HEM BB1002329//ESTs//1.7e-94:453:99//Hs.7114:R24312
 R-HEM BB1002340//ESTs//5.8e-15:163:77//Hs.26378:H10228
 50 R-HEM BB1002342//Homo sapiens mRNA for putative thioredoxin-like protein//0.85:46:84//Hs.42644:AJ010841
 R-HEM BB1002358//ESTs//2.0e-52:319:81//Hs.140255:AA708322
 R-HEM BB1002359//ESTs//2.7e-106:517:97//Hs.13634:AI051613
 R-HEM BB1002364//Human mRNA for KIAA0080 gene, partial cds//5.3e-37:360:65//Hs.74554:D38522
 R-HEM BB1002371//Catalase//3.3e-22:235:77//Hs.76359:X04085
 55 R-HEM BB1002381//Homo sapiens (JH8) mRNA, partial cds//1.0e-08:120:78//Hs.142296:AF072467
 R-HEM BB1002383//ESTs//3.5e-108:520:98//Hs.45140:D80055
 R-HEM BB1002387
 R-HEM BB1002415//ESTs, Weakly similar to !!!! ALU SUBFAMILY J WARNING ENTRY !!!! [H.sapiens]//2.3e-23:

- 168:77//Hs.133526:N21103
 R-HEMBB1002425//Human mRNA for tryptophan hydroxylase (EC 1.14.16.4)//3.2e-57:304:90//Hs.144563:AF057280
 R-HEMBB1002442//ESTs//2.7e-48:289:87//Hs.155243:N70293
 5 R-HEMBB1002453//Human mRNA for KIAA0355 gene, complete cds//6.2e-45:292:87//Hs.153014:AB002353
 R-HEMBB1002457//Human mRNA for KIAA0118 gene, partial cds//2.7e-46:546:71//Hs.154326:D42087
 R-HEMBB1002458//EST//1.8e-72:343:100//Hs.162006:AA508089
 R-HEMBB1002477//ESTs//1.6e-38:215:93//Hs.18240:AA460083
 R-HEMBB1002489//ESTs//1.2e-101:534:94//Hs.7981:H15176
 10 R-HEMBB1002492//ESTs//5.0e-14:350:62//Hs.99205:AA204969
 R-HEMBB1002495//ESTs//2.1e-19:147:86//Hs.163747:AA174017
 R-HEMBB1002502//ESTs, Weakly similar to p40 [H.sapiens]//1.2e-68:336:98//Hs.141515:T41142
 R-HEMBB1002509//ESTs//2.7e-97:459:99//Hs.127638:AI014615
 R-HEMBB1002510//ESTs, Weakly similar to located at OATL1 [H.sapiens]//2.2e-48:265:95//Hs.48827:AA873278
 15 R-HEMBB1002520//EST//7.2e-40:198:84//Hs.140493:AA804538
 R-HEMBB1002522//Human putative transmembrane receptor IL-1Rrp mRNA, complete cds//0.50:142:69//Hs.159301:U43672
 R-HEMBB1002531//EST//0.024:147:61//Hs.148305:AA909605
 R-HEMBB1002534//EST//3.1e-22:168:84//Hs.146794:AI149478
 20 R-HEMBB1002545//ESTs//9.2e-90:421:99//Hs.118317:AI033259
 R-HEMBB1002550//ESTs, Weakly similar to similar to S. cerevisiae LAG1 [C.elegans]//5.1e-22:210:81//Hs.11896:T68813
 R-HEMBB1002556//ISLET AMYLOID POLYPEPTIDE PRECURSORY//1.9e-45:344:82//Hs.51048:X68830
 R-HEMBB1002579//ESTs//4.6e-47:326:85//Hs.155184:AA573189
 25 R-HEMBB1002582//ESTs//0.00036:91:76//Hs.140039:AA047045
 R-HEMBB1002590//ESTs//1.0e-37:210:84//Hs.36658:N91138
 R-HEMBB1002596//Human mRNA for KIAA0118 gene, partial cds//2.2e-46:297:87//Hs.154326:D42087
 R-HEMBB1002600//EST//2.5e-17:147:84//Hs.121918:AA777424
 R-HEMBB1002601//ESTs//7.8e-68:358:95//Hs.101489:R66923
 30 R-HEMBB1002603//EST//1.1e-47:281:90//Hs.149580:AI281881
 R-HEMBB1002607//ESTs//5.4e-75:379:97//Hs.29438:H42896
 R-HEMBB1002610//ESTs, Weakly similar to !!!! ALU SUBFAMILY J WARNING ENTRY !!!! [H.sapiens]//6.2e-07:140:70//Hs.155456:AA707265
 R-HEMBB1002613//Homo sapiens mRNA, chromosome 1 specific transcript KIAA0508//8.5e-47:278:83//Hs.159187:AB007977
 35 R-HEMBB1002614//ESTs//3.4e-81:383:99//Hs.13012:AI094150
 R-HEMBB1002617//Homo sapiens protease-activated receptor 4 mRNA, complete cds//7.4e-19:151:80//Hs.137574:AF055917
 R-HEMBB1002623//ESTs//1.6e-45:288:87//Hs.138852:AA284247
 40 R-HEMBB1002635//Small inducible cytokine A5 (RANTES)//5.5e-39:278:81//Hs.155464:AF088219
 R-HEMBB1002664//EST//8.9e-49:315:87//Hs.149580:AI281881
 R-HEMBB1002677//ESTs//0.65:159:62//Hs.163517:AI419775
 R-HEMBB1002683//H.sapiens mRNA for delta 4-3-oxosteroid 5 beta-reductase//8.6e-54:543:75//Hs.2638:Z28339
 45 R-HEMBB1002684//ESTs//3.0e-18:148:87//Hs.158270:AA776646
 R-HEMBB1002686//ESTs//6.1e-80:419:96//Hs.103002:W02753
 R-HEMBB1002692//ESTs//3.3e-58:451:82//Hs.141254:AI334099
 R-HEMBB1002697//ESTs//6.2e-86:423:98//Hs.129812:AA769487
 R-HEMBB1002699//EST//5.6e-46:322:84//Hs.140231:AI054398
 50 R-HEMBB1002702//ESTs//5.6e-36:412:72//Hs.154993:AA142842
 R-HEMBB1002705//POLYPOSIS LOCUS PROTEIN 1//0.024:412:58//Hs.74648:M73547
 R-HEMBB1002712//ESTs//9.0e-96:451:99//Hs.136806:AA805682
 R-MAMMA1000009//ESTs//3.0e-78:392:96//Hs.163947:AA678701
 R-MAMMA1000019//Small inducible cytokine A5 (RANTES)//1.5e-47:247:87//Hs.155464:AF088219
 55 R-MAMMA1000020//Zinc finger protein 2 (A1-5)//4.9e-49:384:80//Hs.155533:X60152
 R-MAMMA1000025//Homo sapiens KIAA0441 mRNA, complete cds//4.7e-11:154:71//Hs.32511:AB007901
 R-MAMMA1000043//Homo sapiens mRNA for KIAA0761 protein, partial cds//2.0e-58:277:84//Hs.93121:AB018304

R-MAMMA1000045//ESTs//1.0e-38:225:92//Hs.142567:AA287165
 R-MAMMA1000055//EST//0.14:91:67//Hs.144061:AA996350
 R-MAMMA1000057//Fucosyltransferase 1 (galactoside 2-alpha-L-fucosyltransferase, Bombay phenotype includ-
 ed)//3.8e-77:545:83//Hs.69747:M35531
 5 R-MAMMA1000069//ESTs//8.0e-108:546:96//Hs.44856:N37065
 R-MAMMA1000084//Homo sapiens clone 23632 mRNA sequence//7.3e-43:313:83//Hs.46918:AF052099
 R-MAMMA1000085//ESTs, Highly similar to PUTATIVE CYSTEINYL-TRNA SYNTHETASE C29E6.06C
 [Schizosaccharomyces pombe]//7.7e-104:546:94//Hs.7779:AA045241
 10 R-MAMMA1000092//EST, Moderately similar to !!!! ALU SUBFAMILY J WARNING ENTRY !!!! [H.sapiens]//4.2e-
 22:287:71//Hs.136063:U51713
 R-MAMMA1000103//LOW-DENSITY LIPOPROTEIN RECEPTOR PRECURSOR//8.4e-49:334:86//Hs.70008:
 L00352
 R-MAMMA1000117//ESTs, Weakly similar to !!!! ALU SUBFAMILY J WARNING ENTRY !!!! [H.sapiens]//3.1e-08:
 96:80//Hs.115088:AA230172
 15 R-MAMMA1000129//EST//2.8e-64:310:99//Hs.136394:AA523577
 R-MAMMA1000133
 R-MAMMA1000134//ESTs//1.1e-21:152:87//Hs.163747:AA174017
 R-MAMMA1000139//Homo sapiens mRNA, chromosome 1 specific transcript KIAA0501//6.3e-40:288:78//Hs.
 159897:AB007970
 20 R-MAMMA1000143//EST//5.0e-52:314:89//Hs.149580:AI281881
 R-MAMMA1000155//Homo sapiens apoptotic protease activating factor 1 (Apaf-1) mRNA, complete cds//1.5e-59:
 562:75//Hs.77579:AF013263
 R-MAMMA1000163//ESTs//2.8e-92:457:96//Hs.114413:AA884787
 R-MAMMA1000171//Homo sapiens mRNA for putative lipoic acid synthetase, partial//2.5e-39:173:83//Hs.53531:
 25 AJ224162
 R-MAMMA1000173//ESTs, Highly similar to SRC SUBSTRATE P80/85 PROTEINS [Gallus gallus]//2.4e-07:63:
 90//Hs.90367:AI357069
 R-MAMMA1000175//EST//0.66:217:58//Hs.146444:AI127611
 R-MAMMA1000183//ESTs//6.7e-30:341:73//Hs.125254:AA872054
 30 R-MAMMA1000198//EST//2.8e-45:185:88//Hs.149580:AI281881
 R-MAMMA1000221//ESTs, Weakly similar to circadian clock protein [M.musculus]//1.4e-41:272:90//Hs.68398:
 AA421103
 R-MAMMA1000227//EST//2.4e-39:388:76//Hs.144175:H70425
 R-MAMMA1000241//EST//0.0027:263:61//Hs.37532:H57946
 35 R-MAMMA1000251//Homo sapiens mRNA for KIAA0772 protein, complete cds//5.3e-47:322:86//Hs.15519:
 AB018315
 R-MAMMA1000254//Homo sapiens tumor necrosis factor superfamily member LIGHT mRNA, complete cds//2.2e-
 43:315:83//Hs.129708:AF064090
 R-MAMMA1000257//EST//1.6e-62:330:93//Hs.141728:W73041
 40 R-MAMMA1000264//Von Hippel-Lindau syndrome//2.3e-31:141:81//Hs.78160:AF010238
 R-MAMMA1000266//ESTs//3.4e-34:150:81//Hs.163980:AA715814
 R-MAMMA1000270//Homo sapiens mRNA, chromosome 1 specific transcript KIAA0508//2.7e-57:304:78//Hs.
 159187:AB007977
 R-MAMMA1000277//Thiopurine S-methyltransferase//3.7e-27:380:71//Hs.51124:AF019369
 45 R-MAMMA1000278//ESTs//5.2e-99:504:95//Hs.8494:W72694
 R-MAMMA1000279//Homo sapiens mRNA, chromosome 1 specific transcript KIAA0487//3.1e-58:295:83//Hs.
 92381:AB007956
 R-MAMMA1000284//EST//4.1e-10:151:73//Hs.60742:AA017066
 R-MAMMA1000287
 50 R-MAMMA1000302//Homo sapiens KIAA0432 mRNA, complete cds//1.0:50:84//Hs.155174:AB007892
 R-MAMMA1000307//Human mRNA for KIAA0033 gene, partial cds//1.8e-48:468:76//Hs.22271:D26067
 R-MAMMA1000309//ESTs//1.7e-94:491:94//Hs.135106:AI335251
 R-MAMMA1000312//ESTs//8.9e-74:377:96//Hs.133163:AI051434
 R-MAMMA1000313//EST//8.3e-19:294:62//Hs.127400:AA954491
 55 R-MAMMA1000331//ESTs, Moderately similar to envelope protein [H.sapiens]//8.6e-54:278:97//Hs.139170:
 AA662998
 R-MAMMA1000339//EST//6.8e-44:169:89//Hs.149580:AI281881
 R-MAMMA1000340//Homo sapiens mRNA for KIAA0625 protein, partial cds//0.82:204:61//Hs.154919:AB014525

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R-MAMMA1000348//ESTs//3.3e-34:320:75//Hs.139158:AA226159
 R-MAMMA1000356//ESTs, Highly similar to URIDYLATE KINASE [Saccharomyces cerevisiae]//0.42:172:61//Hs.11463:AA535912
 R-MAMMA1000360//Human mRNA for KIAA0118 gene, partial cds//3.8e-43:212:82//Hs.154326:D42087
 5 R-MAMMA1000361//ESTs//3.1e-17:188:68//Hs.164036:AA845659
 R-MAMMA1000372//ESTs//1.0e-46:307:85//Hs.145032:AA343523
 R-MAMMA1000385//ESTs//8.2e-97:467:98//Hs.152282:AA412065
 R-MAMMA1000388//Homo sapiens UKLF mRNA for ubiquitous Kruppel like factor, complete cds//8.6e-14:106:92//Hs.32170:AB015132
 10 R-MAMMA1000395//ESTs//1.9e-57:292:96//Hs.11365:AB01060
 R-MAMMA1000402//ESTs, Moderately similar to RETROVIRUS-RELATED POLYPROTEIN [Mus musculus]//9.1e-47:316:81//Hs.138698:N38973
 R-MAMMA1000410//Archaea//1.8e-40:443:74//Hs.33642:X81198
 R-MAMMA1000413//Homo sapiens mRNA for KIAA0792 protein, complete cds//1.3e-27:304:72//Hs.119387:AB007958
 15 R-MAMMA1000414//ESTs//2.9e-27:181:87//Hs.141254:AI334099
 R-MAMMA1000416//Human macrophage-derived chemokine precursor (MDC) mRNA, complete cds//1.5e-58:282:82//Hs.97203:U83171
 R-MAMMA1000421//Thromboxane A2 receptor//4.9e-48:372:80//Hs.89887:D38081
 20 R-MAMMA1000422//ESTs//0.077:240:62//Hs.123136:AA631067
 R-MAMMA1000423//Human mRNA for KIAA0392 gene, partial cds//1.3e-48:375:81//Hs.40100:AB002390
 R-MAMMA1000424//Human melanoma antigen recognized by T-cells (MART-1) mRNA//1.4e-44:418:75//Hs.154069:U06452
 R-MAMMA1000429//ESTs//3.9e-113:565:96//Hs.5076:N53461
 25 R-MAMMA1000431//Human macrophage-derived chemokine precursor (MDC) mRNA, complete cds//8.6e-68:302:85//Hs.97203:U83171
 R-MAMMA1000444//Calcium modulating ligand//5.5e-44:344:81//Hs.13572:AF068179
 R-MAMMA1000446//ESTs//1.0:236:60//Hs.126958:AI147447
 R-MAMMA1000458
 30 R-MAMMA1000468//ESTs//4.4e-51:271:96//Hs.6839:AA055176
 R-MAMMA1000472//ESTs//5.4e-39:146:86//Hs.141581:AA315361
 R-MAMMA1000478//ESTs//2.3e-74:365:98//Hs.140591:AA828959
 R-MAMMA1000483//ESTs//9.9e-23:235:75//Hs.163592:AA280886
 R-MAMMA1000490//EST//2.1e-80:500:87//Hs.142137:AA213759
 35 R-MAMMA1000500//Small inducible cytokine A5 (RANTES)//4.7e-43:283:86//Hs.155464:AF088219
 R-MAMMA1000501//ESTs//4.2e-37:250:86//Hs.141323:N80390
 R-MAMMA1000516//Human mRNA for KIAA0392 gene, partial cds//5.1e-46:459:75//Hs.40100:AB002390
 R-MAMMA1000522//ESTs//9.5e-16:226:70//Hs.116673:AA669267
 R-MAMMA1000559//ESTs//5.2e-34:244:84//Hs.150727:AI292236
 40 R-MAMMA1000565//EST//2.7e-38:386:76//Hs.162404:AA573131
 R-MAMMA1000567//EST//0.33:49:79//Hs.147754:AI220561
 R-MAMMA1000576//ESTs//4.9e-57:348:89//Hs.108921:N31211
 R-MAMMA1000583//Homo sapiens KIAA0412 mRNA, partial cds//1.3e-52:373:77//Hs.6200:AB007872
 R-MAMMA1000585//ESTs//5.1e-40:337:78//Hs.130815:AA936548
 45 R-MAMMA1000594//Small inducible cytokine A5 (RANTES)//3.0e-45:225:80//Hs.155464:AF088219
 R-MAMMA1000597//ESTs//2.0e-98:461:99//Hs.43212:AA993042
 R-MAMMA1000605//CD4 receptor {exons 1 and 2} [human, T-lymphocyte, mRNA, 3429 nt]//1.5e-50:500:73//Hs.116007:S79267
 R-MAMMA1000612//ESTs, Highly similar to HYPOTHETICAL TRP-ASP REPEATS CONTAINING PROTEIN IN SIS1-MRPL2 INTERGENIC REGION [Saccharomyces cerevisiae]//8.6e-108:559:94//Hs.29203:AI344105
 50 R-MAMMA1000616//EST//0.071:169:60//Hs.144096:AI032180
 R-MAMMA1000621//ESTs//1.0e-90:477:94//Hs.26073:R96361
 R-MAMMA1000623
 R-MAMMA1000625//ESTs//3.4e-98:556:91//Hs.119482:AI361002
 55 R-MAMMA1000643//EST//4.9e-74:379:96//Hs.137447:AA342203
 R-MAMMA1000664//Homo sapiens mRNA for putative lipolic acid synthetase, partial//3.2e-43:400:76//Hs.53531:AJ224162
 R-MAMMA1000669//EST//6.9e-53:368:84//Hs.149580:AI281881

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R-MAMMA1000670//ESTs, Highly similar to HYPOTHETICAL PROTEIN IN TONB 3'REGION [Klebsiella pneumoniae]//8.4e-98:464:98//Hs.31431:AI022065
R-MAMMA1000672//ESTs//2.0e-80:382:99//Hs.106747:AI080476
R-MAMMA1000684//ESTs//6.2e-72:357:98//Hs.67896:AA865212
5 R-MAMMA1000696//Human mRNA for KIAA0345 gene, complete cds//3.3e-52:216:75//Hs.98938:AB002343
R-MAMMA1000707//EST//7.0e-11:195:68//Hs.147002:AI184644
R-MAMMA1000713//Homo sapiens DEC-205 mRNA, complete cds//1.5e-45:485:74//Hs.153563:AF011333
R-MAMMA1000714//ESTs, Moderately similar to hypothetical protein 2 [H.sapiens]//1.2e-29:158:79//Hs.142764:AA205569
10 R-MAMMA1000718//ESTs//3.1e-45:264:88//Hs.152413:AA780515
R-MAMMA1000720//ESTs//7.4e-44:244:87//Hs.111742:R39329
R-MAMMA1000723//Homo sapiens mRNA for alpha(1,2)fucosyltransferase, complete cds//5.6e-52:350:82//Hs.46328:D87942
R-MAMMA1000731//ESTs//1.1e-19:420:66//Hs.35036:H95267
15 R-MAMMA1000732//EST//2.9e-20:229:74//Hs.135400:AI056893
R-MAMMA1000733//ESTs, Weakly similar to HYPOTHETICAL 92.1 KD PROTEIN ZK1098.3 IN CHROMOSOME III [Caenorhabditis elegans]//1.2e-35:371:74//Hs.141429:AA631915
R-MAMMA1000734//Homo sapiens SEC63 (SEC63) mRNA, complete cds//2.1e-58:253:98//Hs.31575:AF100141
R-MAMMA1000738//ESTs, Weakly similar to similar to Achlya ambisexualis antheridiol steroid receptor [C.elegans]//2.3e-116:557:98//Hs.71472:AA632288
20 R-MAMMA1000744//ESTs//0.015:143:67//Hs.135382:AI224205
R-MAMMA1000746//Human Line-1 repeat mRNA with 2 open reading frames//2.3e-90:568:86//Hs.23094:M19503
R-MAMMA1000752//Interleukin 10//2.8e-43:339:80//Hs.2180:M57627
R-MAMMA1000760//EST//5.0e-44:306:86//Hs.162404:AA573131
25 R-MAMMA1000761//EST//5.0e-41:187:85//Hs.162335:AA564256
R-MAMMA1000775//Human mRNA for KIAA0355 gene, complete cds//3.0e-46:465:76//Hs.153014:AB002353
R-MAMMA1000776//ESTs//1.9e-43:429:73//Hs.141742:W22204
R-MAMMA1000778//ESTs//1.8e-31:445:70//Hs.111723:H57439
R-MAMMA1000782//EST//0.0019:102:68//Hs.120686:AA747150
30 R-MAMMA1000798//ESTs//1.4e-13:267:69//Hs.140156:AA704163
R-MAMMA1000802//Clathrin, light polypeptide (Lcb)//1.5e-45:358:76//Hs.73919:X81637
R-MAMMA1000831//ESTs//1.3e-1,04:510:97//Hs.17494:AA572675
R-MAMMA1000839//EST//2.9e-51:307:89//Hs.149580:AI281881
R-MAMMA1000841//ESTs//1.3e-34:412:72//Hs.121256:AA757902
35 R-MAMMA1000842//ESTs, Moderately similar to !!!! ALU SUBFAMILY J WARNING ENTRY !!!! [H.sapiens]//9.4e-44:363:79//Hs.96337:AA225358
R-MAMMA1000843//ESTs//2.2e-106:525:97//Hs.152016:AA603097
R-MAMMA1000845//ESTs//1.6e-66:327:98//Hs.156900:AA468955
R-MAMMA1000851//ESTs//3.7e-14:115:86//Hs.140590:R76251
40 R-MAMMA1000855//Human mRNA for KIAA0392 gene, partial cds//5.7e-47:281:91//Hs.40100:AB002390
R-MAMMA1000856//EST//1.8e-16:150:79//Hs.136811:AA789212
R-MAMMA1000862//EST//3.2e-05:93:73//Hs.161205:AI419311
R-MAMMA1000863//ESTs//1.0e-46:446:73//Hs.153432:AA098922
R-MAMMA1000865//Homo sapiens clone 23632 mRNA sequence//3.0e-39:324:80//Hs.46918:AF052099
45 R-MAMMA1000867//ESTs//9.8e-16:193:76//Hs.152340:AA521399
R-MAMMA1000875//EST//3.1e-24:301:72//Hs.132635:AI032875
R-MAMMA1000876//ESTs//9.9e-48:246:97//Hs.112165:AA621243
R-MAMMA1000877//ESTs//1.4e-38:324:79//Hs.141024:H07128
R-MAMMA1000880//Homo sapiens mRNA for KIAA0594 protein, partial cds//3.2e-40:542:68//Hs.154872:AB011166
50 R-MAMMA1000883//ESTs//1.0:207:60//Hs.47199:N51107
R-MAMMA1000897//ESTs//2.6e-78:383:97//Hs.41067:AI310215
R-MAMMA1000905//Human mRNA for KIAA0331 gene, complete cds//9.7e-53:307:91//Hs.146395:AB002329
R-MAMMA1000906//ESTs//8.0e-25:206:83//Hs.141825:AA017093
55 R-MAMMA1000908//ESTs//4.4e-32:176:96//Hs.38559:AA701634
R-MAMMA1000914//ESTs//0.032:150:63//Hs.119162:AA399989
R-MAMMA1000921//Human 53K isoform of Type II phosphatidylinositol-4-phosphate 5-kinase (PIPK) mRNA, complete cds//7.7e-38:269:74//Hs.108966:U48696

- R-MAMMA1000931//ESTs//1.2e-80:457:91//Hs.122319:AA782335
 R-MAMMA1000940//ESTs//3.3e-43:329:82//Hs.35254:AI133727
 R-MAMMA1000941//ESTs//7.5e-55:306:84//Hs.163936:AA632281
 R-MAMMA1000942//ESTs//2.5e-83:405:98//Hs.116491:AA650428
 5 R-MAMMA1000943//Cytochrome P450, subfamily I (aromatic compound-inducible), polypeptide 2//9.3e-79:567:80//Hs.1361:M55053
 R-MAMMA1000956//EST//5.7e-53:256:100//Hs.162209:AA536178
 R-MAMMA1000957//Kangai 1 (suppression of tumorigenicity 6, prostate; CD82 antigen (R2 leukocyte antigen, antigen detected by monoclonal and antibody IA4))//7.5e-49:340:85//Hs.103458:X53795
 10 R-MAMMA1000962//Homo sapiens mRNA for KIAA0575 protein, complete cds//2.0e-48:216:85//Hs.153468:AB011147
 R-MAMMA1000968//EST//6.2e-46:302:86//Hs.149580:AI281881
 R-MAMMA1000975//ESTs//1.4e-85:428:96//Hs.141742:W22204
 R-MAMMA1000979//Homo sapiens mRNA for KIAA0761 protein, partial cds//8.0e-39:338:79//Hs.93121:AB018304
 15 R-MAMMA1000987//EST//2.8e-41:249:90//Hs.149580:AI281881
 R-MAMMA1000998//Homo sapiens apoptotic protease activating factor 1 (Apaf-1) mRNA, complete cds//3.9e-50:445:77//Hs.77579:AF013263
 R-MAMMA1001003//Sialoporphin (gpL115, leukosialin, CD43)//4.1e-51:282:82//Hs.80738:X52075
 20 R-MAMMA1001008//ESTs, Weakly similar to renin [H.sapiens]//1.9e-82:405:97//Hs.25863:AA630313
 R-MAMMA1001021//Homo sapiens DEC-205 mRNA, complete cds//3.0e-44:309:86//Hs.153563:AF011333
 R-MAMMA1001024//ESTs//6.8e-35:333:78//Hs.107657:AA126814
 R-MAMMA1001030//ESTs//1.6e-110:552:96//Hs.59483:AA524536
 R-MAMMA1001035//ESTs//1.0e-45:273:85//Hs.138856:H47461
 25 R-MAMMA1001038//Human mRNA for KIAA0392 gene, partial cds//3.0e-50:298:91//Hs.40100:AB002390
 R-nnnnnnnnnnnn//ESTs//3.6e-86:445:95//Hs.122625:R68650
 R-MAMMA1001050//EST//2.2e-54:387:85//Hs.149580:AI281881
 R-MAMMA1001059//ESTs, Moderately similar to RNA helicase [M.musculus]//1.7e-13:273:65//Hs.98738:AI015487
 30 R-MAMMA1001067//ESTs//1.3e-38:324:78//Hs.20190:AA525532
 R-MAMMA1001073//ESTs//5.2e-106:554:94//Hs.12336:W63748
 R-MAMMA1001074//Human mRNA for KIAA0355 gene, complete cds//1.2e-38:544:68//Hs.153014:AB002353
 R-MAMMA1001075//ESTs//2.0e-98:463:99//Hs.18341:N38944
 R-MAMMA1001078//Human Line-1 repeat mRNA with 2 open reading frames//1.7e-84:556:85//Hs.23094:M19503
 35 R-MAMMA1001082//ESTs//2.4e-71:356:97//Hs.152302:T90222
 R-MAMMA1001091//ESTs//4.7e-83:429:95//Hs.154412:AA310926
 R-MAMMA1001092//Homo sapiens X-ray repair cross-complementing protein 2 (XRCC2) mRNA, complete cds//6.4e-34:262:82//Hs.129727:AF035587
 R-MAMMA1001105//Human putative RNA binding protein RNPL mRNA, complete cds//4.2e-27:232:76//Hs.61840:U28686
 40 R-MAMMA1001110//ESTs//1.6e-17:128:87//Hs.161314:AI421576
 R-MAMMA1001126//CD4 receptor {exons 1 and 2} [human, T-lymphocyte, mRNA, 3429 nt]//8.8e-53:462:78//Hs.116007:S79267
 R-MAMMA1001133//Homo sapiens tapasin (NGS-17) mRNA, complete cds//1.8e-59:460:81//Hs.5247:AF029750
 45 R-MAMMA1001139//ESTs//1.3e-62:341:94//Hs.18819:R01029
 R-MAMMA1001143//ESTs//3.0e-48:383:80//Hs.152340:AA521399
 R-MAMMA1001145//Calcium modulating ligand//5.1e-48:403:79//Hs.13572:AF068179
 R-MAMMA1001154//EST//6.8e-35:313:75//Hs.162404:AA573131
 R-MAMMA1001161//Homo sapiens tapasin (NGS-17) mRNA, complete cds//1.1e-58:409:84//Hs.5247:AF029750
 50 R-MAMMA1001162//ESTs, Highly similar to t-BOP [M.musculus]//2.1e-91:430:99//Hs.129982:AI420970
 R-MAMMA1001181//ESTs//5.0e-112:557:96//Hs.118181:W02251
 R-MAMMA1001186//ESTs//3.8e-85:410:99//Hs.163811:W44959
 R-MAMMA1001191//ESTs//0.018:57:87//Hs.141253:AA226519
 R-MAMMA1001198//ESTs, Weakly similar to involved in signaling by the epidermal growth factor receptor [M.musculus]//2.6e-80:358:96//Hs.163827:AA074202
 55 R-MAMMA1001202//ESTs//7.0e-43:230:95//Hs.79788:AA527348
 R-MAMMA1001203//Clathrin, light polypeptide (Lcb)//2.8e-65:348:79//Hs.73919:X81637
 R-MAMMA1001206//EST//0.098:84:72//Hs.162941:AA635148

R-MAMMA1001215//ESTs//1.3e-43:156:86//Hs.155243:N70293
 R-MAMMA1001220//ESTs//8.9e-17:276:68//Hs.116518:AA653202
 R-MAMMA1001222//ESTs//0.49:112:66//Hs.24668:AA897315
 R-MAMMA1001243//EST//0.99:143:62//Hs.68522:C20701
 5 R-MAMMA1001244//ESTs//2.2e-06:79:83//Hs.123163:AA809619
 R-MAMMA1001249//ESTs//4.2e-68:343:97//Hs.147139:AI191307
 R-MAMMA1001256//ESTs, Moderately similar to hypothetical protein 2 [H.sapiens]//4.7e-31:221:77//Hs.142764:AA205569
 R-MAMMA1001259//ESTs//1.3e-43:266:90//Hs.6193:AA045149
 10 R-MAMMA1001260//Homo sapiens mRNA for KIAA0661 protein, complete cds//2.0e-21:226:75//Hs.65238:AB014561
 R-MAMMA1001268//H.sapiens HCG II mRNA//2.4e-53:181:85//Hs.146333:X81001
 R-MAMMA1001271//ESTs, Highly similar to PUTATIVE SERINE/THREONINE-PROTEIN KINASE EMK [Mus musculus]//1.1e-108:546:95//Hs.18999:N30643
 15 R-MAMMA1001274//Homo sapiens mRNA for KIAA0572 protein, partial cds//4.4e-32:188:94//Hs.14409:AB011144
 R-MAMMA1001280//EST//0.0015:170:62//Hs.116770:AA630371
 R-MAMMA1001292//ESTs//5.6e-102:481:99//Hs.94810:AA811876
 R-MAMMA1001296//Homo sapiens mRNA for KIAA0563 protein, complete cds//2.2e-27:348:70//Hs.15731:AB011135
 20 R-MAMMA1001298//ESTs//1.4e-44:375:79//Hs.70279:AA757426
 R-MAMMA1001305//Human G protein-coupled receptor (STRL22) mRNA, complete cds//4.0e-43:300:85//Hs.46468:U45984
 R-MAMMA1001322//Homo sapiens stress-activated protein kinase 4 mRNA, complete cds//8.8e-12:188:70//Hs.55771:AF004709
 25 R-MAMMA1001324//ESTs//5.3e-68:297:88//Hs.121228:AA709471
 R-MAMMA1001330//ESTs//1.6e-57:429:83//Hs.70279:AA757426
 R-MAMMA1001341//Homo sapiens 4F5S mRNA, complete cds//4.8e-27:285:75//Hs.32567:AF073519
 R-MAMMA1001343//ESTs//8.1e-51:273:93//Hs.162208:AA536127
 30 R-MAMMA1001346//ESTs//1.0:122:65//Hs.33028:AA482478
 R-MAMMA1001383//ESTs//1.4e-45:377:80//Hs.114671:N39322
 R-MAMMA1001388//EST//7.7e-47:361:80//Hs.162197:AA535216
 R-MAMMA1001397//EST//8.7e-48:337:83//Hs.149580:AI281881
 R-MAMMA1001408//EST//1.2e-38:251:87//Hs.162677:AA604831
 35 R-MAMMA1001411//ESTs//4.3e-93:435:99//Hs.105460:AA780275
 R-MAMMA1001419//Homo sapiens translation initiation factor 4e mRNA, complete cds//1.6e-19:117:96//Hs.19122:AF038957
 R-MAMMA1001420//ESTs//7.3e-96:507:95//Hs.55299:AI335267
 R-MAMMA1001435//ESTs//5.0e-97:459:99//Hs.144843:AI222168
 40 R-MAMMA1001442//ESTs//7.1e-28:167:83//Hs.141019:AA287618
 R-MAMMA1001446//Homo sapiens KIAA0432 mRNA, complete cds//6.2e-19:328:67//Hs.155174:AB007892
 R-MAMMA1001452//EST//5.6e-44:487:75//Hs.161476:N57542
 R-MAMMA1001465
 R-MAMMA1001476//Homo sapiens yolk sac permease-like molecule 3 (YSPL3) mRNA, complete cds//0.79:182:66//Hs.136529:AF058317
 45 R-MAMMA1001487//Homo sapiens KIAA0395 mRNA, partial cds//1.1e-35:328:78//Hs.43681:AL022394
 R-MAMMA1001501//ESTs//4.6e-100:472:98//Hs.123660:AA813065
 R-MAMMA1001502//Human mRNA for KIAA0080 gene, partial cds//5.6e-15:220:69//Hs.74554:D38522
 R-MAMMA1001510
 50 R-MAMMA1001522//ESTs//3.2e-16:214:75//Hs.152816:AA634242
 R-MAMMA1001547//H.sapiens mRNA for urea transporter//2.3e-45:282:89//Hs.66710:X96969
 R-MAMMA1001551//Human 53K isoform of Type II phosphatidylinositol-4-phosphate 5-kinase (PIPK) mRNA, complete cds//1.9e-56:489:76//Hs.108966:U48696
 R-MAMMA1001575//ESTs//4.3e-92:440:98//Hs.162882:AA807140
 55 R-MAMMA1001576//ESTs, Highly similar to TUBULIN GAMMA CHAIN [Homo sapiens]//1.9e-111:549:96//Hs.21635:AI417305
 R-MAMMA1001590//ESTs//1.1e-63:324:96//Hs.142217:AA278441
 R-MAMMA1001600//ESTs//5.6e-15:159:78//Hs.138633:H98792

- R-MAMMA1001604
 R-MAMMA1001606//ESTs, Weakly similar to finger protein kox1 [H.sapiens]/1.9e-97:488:96//Hs.143263:AI057616
 R-MAMMA1001620//Homo sapiens mRNA, clone:RES4-16//5.4e-43:408:76//Hs.121493:D25272
 5 R-MAMMA1001627//Homo sapiens mRNA for KIAA0772 protein, complete cds//2.0e-49:472:76//Hs.15519:AB018315
 R-MAMMA1001630//ESTs, Weakly similar to putative p150 [H.sapiens]/6.8e-15:168:73//Hs.115216:AA291074
 R-MAMMA1001633//EST//5.1e-14:228:68//Hs.141456:N36377
 R-MAMMA1001635//ESTs//3.4e-37:368:75//Hs.164033:AA769606
 10 R-MAMMA1001649
 R-MAMMA1001663//Homo sapiens neuronal thread protein AD7c-NTP mRNA, complete cds//1.7e-54:272:81//Hs.129735:AF010144
 R-MAMMA1001670//Small inducible cytokine A5 (RANTES)//5.7e-50:304:89//Hs.155464:AF088219
 R-MAMMA1001671//EST//1.9e-14:312:65//Hs.137153:R46248
 15 R-MAMMA1001679//H.sapiens mRNA for rho GDP-dissociation Inhibitor 1//0.066:196:62//Hs.159161:X69550
 R-MAMMA1001683//ESTs//4.9e-94:447:98//Hs.134464:AI151081
 R-MAMMA1001686//Homo sapiens mRNA, chromosome 1 specific transcript KIAA0488//1.0e-17:246:73//Hs.67619:AB007957
 R-MAMMA1001692//Human mRNA for KIAA0063 gene, complete cds//2.1e-47:294:89//Hs.3094:D31884
 20 R-MAMMA1001711//ESTs//2.4e-86:439:96//Hs.18498:N52088
 R-MAMMA1001715//ESTs//1.2e-73:399:9311Hs.124620:AI082338
 R-MAMMA1001730//ESTs//1.1e-85:403:99//Hs.125464:AI084596
 R-MAMMA1001735//ESTs, Highly similar to TUBULIN BETA-5 CHAIN [Gallus gallus]/3.7e-110:552:96//Hs.6923:AI161158
 25 R-MAMMA1001740//ESTs//4.6e-45:342:82//Hs.37573:H59651
 R-MAMMA1001743//EST//2.7e-58:412:85//Hs.149742:AI285666
 R-MAMMA1001744
 R-MAMMA1001745//EST//5.6e-54:374:84//Hs.137041:AA877817
 R-MAMMA1001751//EST//3.5e-36:375:73//Hs.139715:N25041
 30 R-MAMMA1001754//EST//0.18:144:66//Hs.71957:AA151413
 R-MAMMA1001757//ESTs//1.0e-9:8:488:96//Hs.45184:C14904
 R-MAMMA1001760//ESTs//8.7e-29:206:86//Hs.143310:AI142276
 R-MAMMA1001764//ESTs//0.00012:434:58//Hs.120051:AA707847
 R-MAMMA1001768//Human mRNA for KIAA0327 protein, complete cds//2.3e-41:299:85//Hs.149323:AB002325
 35 R-MAMMA1001769//EST//1.7e-15:139:81//Hs.162399:AA572825
 R-MAMMA1001771//ESTS, Moderately similar to semaphorin B [M.musculus]/7.6e-43:257:91//Hs.7634:AA481246
 R-MAMMA1001783//Human high-affinity copper uptake protein (hCTR1) mRNA, complete cds//5.6e-42:272:86//Hs.73614:U83460
 40 R-MAMMA1001785//ESTs//1.5e-87:431:98//Hs.131065:AA972238
 R-MAMMA1001788//EST//0.95:108:62//Hs.145881:AI274644
 R-MAMMA1001790//ESTs//4.0e-41:340:80//Hs.158045:AA425744
 R-MAMMA1001806//EST//1.4e-40:297:84//Hs.141240:H60313
 R-MAMMA1001812//ESTs//2.4e-93:446:98//Hs.129034:AA776892
 45 R-MAMMA1001815//EST//0.00053:371:59//Hs.133255:AI052659
 R-MAMMA1001817//Human mRNA for KIAA0226 gene, complete cds//2.1e-46:325:87//Hs.44106:D86979
 R-MAMMA1001818
 R-MAMMA1001820//EST//1.9e-49:303:89//Hs.149580:AI281881
 R-MAMMA1001824//Homo sapiens 4F5S mRNA, complete cds//4.3e-48:438:75//Hs.32567:AF073519
 50 R-MAMMA1001836//ESTs//3.8e-06:128:71//Hs.143611:M78140
 R-MAMMA1001837//Homo sapiens KIAA0395 mRNA, partial cds//3.8e-47:339:83//Hs.43681:AL022394
 R-MAMMA1001848//ESTs//2.1e-16:125:85//Hs.161662:AA836811
 R-MAMMA1001851//ESTs//4.5e-48:344:84//Hs.138856:H47461
 R-MAMMA1001854//Small inducible cytokine A5 (RANTES)//2.6e-38:280:83//Hs.155464:AF088219
 55 R-MAMMA1001858//ESTs//1.1e-44:331:83//Hs.44702:AI148840
 R-MAMMA1001864//Homo sapiens mRNA for KIAA0475 protein, complete cds//7.8e-31:262:77//Hs.5737:AB007944
 R-nnnnnnnnnnnn//Homo sapiens antigen NY-CO-16 mRNA, complete cds//9.2e-06:450:58//Hs.132206:

- AF039694
 R-MAMMA1001874//Human high-affinity copper uptake protein (hCTR1) mRNA, complete cds//4.9e-46:332:83//
 Hs.73614:U83460
 R-MAMMA1001878//Cytochrome P450, 51 (lanosterol 14-alpha-demethylase)//1.2e-46:429:78//Hs.2379:U23942
 5 R-MAMMA1001880//ESTs, Moderately similar to !!!! ALU SUBFAMILY J WARNING ENTRY !!!! [H.sapiens]//7.6e-
 26:230:79//Hs.106008:AA147606
 R-MAMMA1001890//ESTs//1.1e-39:338:79//Hs.146811:AA410788
 R-MAMMA1001907//Kangai 1 (suppression of tumorigenicity 6, prostate; CD82 antigen (R2 leukocyte antigen,
 antigen detected by monoclonal and antibody 1A4))//6.7e-47:283:89//Hs.103458:X53795
 10 R-nnnnnnnnnnnn//ESTs//0.043:134:65//Hs.145333:AI251374
 R-MAMMA1001931//ESTs//1.8e-75:361:99//Hs.148125:AA693801
 R-MAMMA1001956//Homo sapiens mRNA for KIAA0706 protein, complete cds//1.4e-18:174:77//Hs.139648:
 AB014606
 R-MAMMA1001963//ESTs//6.7e-28:206:84//Hs.163254:AA828790
 15 R-MAMMA1001969//ESTs, Weakly similar to hypothetical protein [H.sapiens]//6.7e-24:331:71//Hs.140506:
 AA308018
 R-MAMMA1001970//ESTs//8.9e-61:286:84//Hs.141575:AA211734
 R-MAMMA1001992//ESTs//4.4e-43:339:82//Hs.155498:W27084
 R-MAMMA1002009//Small inducible cytokine A5 (RANTES)//4.6e-24:330:70//Hs.155464:AF088219
 20 R-MAMMA1002011//ESTs//9.5e-72:360:97//Hs.13525:R39054
 R-MAMMA1002032//Human melanoma antigen recognized by T-cells (MART-1) mRNA//3.7e-45:370:80//Hs.
 154069:U06452
 R-MAMMA1002033//EST//4.6e-23:264:74//Hs.161917:AA483223
 R-MAMMA1002041//ESTs//3.8e-100:465:100//Hs.141361:AI206412
 25 R-MAMMA1002042//Homo sapiens 4F5S mRNA, complete cds//1.1e-43:407:76//Hs.32567:AF073519
 R-MAMMA1002047//Homo sapiens mRNA for chemokine LEC precursor, complete cds//1.9e-37:316:74//Hs.
 10458:AF088219
 R-MAMMA1002056//EST//1.3e-51:310:90//Hs.149580:AI281881
 R-MAMMA1002058//ESTs//5.9e-16:135:84//Hs.95807:AA146979
 30 R-MAMMA1002068//ESTs, Weakly similar to HYPOTHETICAL 43.3 KD PROTEIN IN QOXD-VPR INTERGENIC
 REGION [Bacillus subtilis]//4.0e-45:404:7811Hs/138596:N38806
 R-MAMMA1002078//EST//2.2e-15:207:71//Hs.132635:AI032875
 R-MAMMA1002082//Homo sapiens mRNA for TSC403 protein, complete cds//1.7e-42:314:83//Hs.10887:
 AB013924
 35 R-MAMMA1002084//Human mRNA for KIAA0392 gene, partial cds//3.7e-46:308:87//Hs.40100:AB002390
 R-MAMMA1002093//EST//0.89:213:60//Hs.151201:AI125907
 R-MAMMA1002108//ESTs//1.0e-95:515:93//Hs.29002:H11347
 R-MAMMA1002118
 R-MAMMA1002125//Thromboxane A2 receptor//7.2e-43:335:83//Hs.89887:D38081
 40 R-MAMMA1002132//Homo sapiens neuronal thread protein AD7c-NTP mRNA, complete cds//1.4e-58:396:78//
 Hs.129735:AF010144
 R-MAMMA1002140//Homo sapiens nephrin (NPHS1) mRNA, complete cds//1.4e-37:422:75//Hs.128834:
 AF035835
 R-MAMMA1002143//ESTs//0.050:123:69//Hs.8231:AA152276
 45 R-MAMMA1002145//Homo sapiens KIAA0426 mRNA, complete cds//5.0e-21:371:69//Hs.97476:AB007886
 R-MAMMA1002153//ESTs//2.0e-31:159:77//Hs.130815:AA936548
 R-MAMMA1002155//Human Line-1 repeat mRNA with 2 open reading frames//8.7e-39:506:69//Hs.23094:M19503
 R-MAMMA1002156//Homo sapiens mRNA for putative lipoic acid synthetase, partial//2.9e-44:336:82//Hs.53531:
 AJ224162
 50 R-MAMMA1002158//ESTs//3.0e-40:313:83//Hs.118273:AA626040
 R-MAMMA1002170//Homo sapiens mRNA for TRAF5, complete cds//7.7e-37:370:77//Hs.29736:AB000509
 R-MAMMA1002174//ESTs//2.5e-16:186:75//Hs.141203:H52638
 R-MAMMA1002198//Homo sapiens mRNA, chromosome 1 specific transcript KIAA0487//6.2e-51:318:82//Hs.
 92381:AB007956
 55 R-MAMMA1002209//ESTs//9.2e-34:111:88//Hs.141575:AA211734
 R-MAMMA1002215//ESTs//3.6e-101:530:94//Hs.26780:N50038
 R-MAMMA1002219//Homo sapiens mRNA for KIAA0640 protein, partial cds//5.2e-45:283:88//Hs.153026:
 AB014540

- R-MAMMA1002230//Human 53K isoform of Type II phosphatidylinositol-4-phosphate 5-kinase (PIPK) mRNA, complete cds//9.1e-50:330:77//Hs.108966:U48696
R-MAMMA1002236
R-MAMMA1002243
- 5 R-MAMMA1002250//Homo sapiens PYRIN (MEFV) mRNA, complete cds//1.2e-44:299:87//Hs.113283:AF018080
R-MAMMA1002267//Homo sapiens mRNA, chromosome 1 specific transcript
KIAA0487//1.6e-54:207:81//Hs.92381:AB007956
R-MAMMA1002268//ESTs//2.9e-94:439:100//Hs.68061:AI042283
R-MAMMA1002269//ESTs//7.4e-05:170:65//Hs.140466:AA766772
- 10 R-MAMMA1002282//ESTs//7.8e-09:69:78//Hs.159502:AA225141
R-MAMMA1002292//ESTs//5.3e-64:334:94//Hs.113606:AI138751
R-MAMMA1002293//ESTs, Moderately similar to plakophilin 2b [H.sapiens]//1.7e-39:203:81//Hs.154257:AI275982
R-MAMMA1002294//EST//8.1e-43:326:82//Hs.149580:AI281881
- 15 R-MAMMA1002297//ESTs//6.5e-45:323:83//Hs.155475:AA761454
R-MAMMA1002298//ESTs//1.7e-68:355:96//Hs.52683:H87153
R-MAMMA1002299//ESTs, Highly similar to LINE-1 REVERSE TRANSCRIPTASE HOMOLOG [Homo sapiens]//2.3e-58:346:91//Hs.140385:AA773359
R-MAMMA1002308
- 20 R-MAMMA1002310//Human melanoma antigen recognized by T-cells (MART-1) mRNA//2.2e-44:280:87//Hs.154069:U06452
R-MAMMA1002311//Human Line-1 repeat mRNA with 2 open reading frames//2.3e-70:503:81//Hs.23094:M19503
R-MAMMA1002312//EST//1.7e-31:144:80//Hs.135936:N36094
R-MAMMA1002317//Human mRNA for tryptophan hydroxylase (EC 1.14.16.4)//4.3e-49:457:76//Hs.144563:AF057280
- 25 R-MAMMA1002319//ESTs//3.9e-38:297:70//Hs.140326:AA827183
R-MAMMA1002322//ESTs//1.1e-46:301:86//Hs.155498:W27084
R-MAMMA1002329//EST//2.6e-09:146:72//Hs.132366:AI026658
R-MAMMA1002332//Homo sapiens clone 23892 mRNA sequence//2.6e-45:387:70//Hs.91916:AF035317
- 30 R-MAMMA1002333//EST//1.8e-09:139:74//Hs.137800:AA886897
R-MAMMA1002339//ESTs//4.2e-47:310:76//Hs.138865:W57618
R-MAMMA1002347//ESTs//1.5e-44:326:83//Hs.111723:H57439
R-MAMMA1002351//ESTs//3.0e-112:545:97//Hs.26209:AI143127
R-MAMMA1002352//Homo sapiens mRNA for leukemia associated gene 2//1.5e-58:259:92//Hs.43628:Y15228
- 35 R-MAMMA1002353//Human mRNA for KIAA0392 gene, partial cds//4.5e-40:360:77//Hs.40100:AB002390
R-MAMMA1002355//ESTs//1.4e-29:307:75//Hs.3769:AI085367
R-MAMMA1002356//Clathrin, light polypeptide (Lcb)//4.9e-31:217:88//Hs.73919:X81637
R-MAMMA1002359//Homo sapiens PYRIN (MEFV) mRNA, complete cds//1.1e-70:483:84//Hs.113283:AF018080
R-MAMMA1002360//ESTs//3.5e-19:301:69//Hs.124701:AA701475
- 40 R-MAMMA1002361//Homo sapiens X-ray repair cross-complementing protein 2 (XRCC2) mRNA, complete cds//2.6e-30:244:81//Hs.129727:AF035587
R-MAMMA1002362//ESTs//2.3e-43:241:88//Hs.150727:AI292236
R-MAMMA1002380//ESTs//5.1e-36:322:79//Hs.136994:AA843542
R-MAMMA1002384//Small inducible cytokine A5 (RANTES)//1.8e-42:298:84//Hs.155464:AF088219
- 45 R-MAMMA1002385//ESTs//0.57:203:63//Hs.146303:AA579061
R-MAMMA1002392//Human mRNA for platelet-activating factor acetylhydrolase 2, complete cds//5.8e-41:305:83//Hs.86188:D87845
R-MAMMA1002411//ESTs//4.4e-68:385:92//Hs.53478:N92294
R-MAMMA1002413//Homo sapiens mRNA for small GTP-binding protein, complete cds//3.3e-14:138:75//Hs.115325:D84488
- 50 R-MAMMA1002417//ESTs//1.6e-98:475:98//Hs.96345:N22588
R-MAMMA1002427//ESTs//3.1e-39:274:79//Hs.141130:H28477
R-MAMMA1002428//ESTs//8.4e-11:215:66//Hs.141022:H06475
R-MAMMA1002434//ESTS, Moderately similar to !!!! ALU SUBFAMILY SP WARNING ENTRY !!!! [H.sapiens]//2.5e-106:521:98//Hs.112152:AA487348
- 55 R-MAMMA1002446//ESTs, Weakly similar to !!!! ALU SUBFAMILY SC WARNING ENTRY !!!! [H.sapiens]//4.7e-37:374:68//Hs.157142:U85996
R-MAMMA1002454//Homo sapiens mRNA, chromosome 1 specific transcript KIAA0485//2.0e-60:323:81//Hs.

89121:AB007954
 R-MAMMA1002461//ESTs//4.7e-111:548:97//Hs.104281:AA147076
 R-MAMMA1002470//ESTs, Highly similar to HYPOTHETICAL 80.7 KD PROTEIN IN ERG7-NMD2 INTERGENIC REGION [Saccharomyces cerevisiae]/8.5e-104:544:93//Hs.94570:AI192106
 5 R-MAMMA1002475//ESTs, Weakly similar to !!!! ALU SUBFAMILY J WARNING ENTRY !!!! [H.sapiens]/3.4e-31:263:79//Hs.38687:AA744496
 R-MAMMA10024807//ESTs, Weakly similar to !!!! ALU SUBFAMILY J WARNING ENTRY !!!! [H.sapiens]/1.0e-34:159:79//Hs.133526:N21103
 R-MAMMA1002485//Homo sapiens stanniocalcin-2 (STC-2) mRNA, complete cds//8.9e-116:560:97//Hs.155223:
 10 AF055460
 R-MAMMA1002494//ESTs//3.2e-47:303:88//Hs.155243:N70293
 R-MAMMA1002498//Human novel homeobox mRNA for a DNA binding protein//0.0043:331:58//Hs.37035:U07664
 R-MAMMA1002524//ESTs//0.0039:354:61//Hs.125797:AA806277
 15 R-MAMMA1002530//Homo sapiens cytosolic phospholipase A2 gamma (cPLA2 gamma) mRNA, complete cds//3.9e-103:529:95//Hs.18858:AF065214
 R-MAMMA1002545//Homo sapiens mRNA for KIAA0575 protein, complete cds//9.5e-50:317:88//Hs.153468:AB011147
 R-MAMMA1002554//ESTs//2.3e-85:445:95//Hs.139140:AA218851
 20 R-MAMMA1002556//ESTs, Weakly similar to !!!! ALU SUBFAMILY J WARNING ENTRY !!!! [H.sapiens]/1.0e-12:280:65//Hs.12725:T65058
 R-MAMMA1002566//ESTs//2.3e-88:421:99//Hs.17602:AA705681
 R-MAMMA1002571//ESTs//5.1e-97:456:99//Hs.152834:AA595693
 R-MAMMA1002573//ESTs//3.1e-38:258:87//Hs.163989:R74433
 25 R-MAMMA1002585//ESTs//7.8e-96:533:91//Hs.26009:H49371
 R-MAMMA1002590//ESTs//0.61:202:62//Hs.161190:AI419258
 R-MAMMA1002597//Cytochrome P450, subfamily IIB (phenobarbital-inducible), polypeptide 6//2.9e-21:177:75//Hs.1360:M29874
 R-MAMMA1002598//ESTs//3.4e-113:544:97//Hs.20263:AA573737
 30 R-MAMMA1002603//Thiopurine S-methyltransferase//7.6e-35:225:80//Hs.51124:AF019369
 R-MAMMA1002612//Cytochrome P450, subfamily I (aromatic compound-inducible), polypeptide 2//4.2e-46:424:75//Hs.1361:M55053
 R-MAMMA1002617//ESTs//1.1e-38:229:92//Hs.96987:W27389
 R-MAMMA1002618//Landsteiner-Wiener blood group glycoprotein//1.3e-27:185:73//Hs.108287:L27670
 35 R-MAMMA1002619//ESTs//1.7e-95:480:96//Hs.54873:AA526306
 R-MAMMA1002622//Thromboxane A2 receptor//3.2e-46:298:87//Hs.89887:D38081
 R-MAMMA1002623//EST//4.3e-49:336:85//Hs.149580:AI281881
 R-MAMMA1002625//ESTs, Moderately similar to ovarian-specific protein [R.norvegicus]/2.3e-35:308:79//Hs.93332:AA811920
 40 R-MAMMA1002629//Homo sapiens mRNA for small GTP-binding protein, complete cds//9.7e-57:283:86//Hs.115325:D84488
 R-MAMMA1002636//Human mRNA for KIAA0392 gene, partial cds//1.2e-49:303:89//Hs.40100:AB002390
 R-MAMMA1002637//ESTs//1.3e-55:391:85//Hs.95074:AI144421
 R-MAMMA1002646//ESTs//7.4e-36:182:80//Hs.163937:N69915
 45 R-MAMMA1002650//ESTs//1.6e-102:547:94//Hs.57841:W63776
 R-MAMMA1002655
 R-MAMMA1002662//Homo sapiens KIAA0426 mRNA, complete cds//2.2e-46:462:75//Hs.97476:AB007886
 R-MAMMA1002665//Human mRNA for KIAA0118 gene, partial cds//9.1e-51:376:82//Hs.154326:D42087
 R-MAMMA1002671//ESTs, Weakly similar to coded for by C. elegans cDNA yk52e10.5 [C.elegans]/5.3e-108:544:
 50 96//Hs.16464:W19606
 R-MAMMA1002673//EST//3.3e-35:169:79//Hs.140046:AA668213
 R-MAMMA1002684//Homo sapiens mRNA for KIAA0214 protein, complete cds//4.6e-109:544:96//Hs.3363:D86987
 R-MAMMA1002685//EST//1.9e-31:223:86//Hs.112540:AA601385
 55 R-MAMMA1002698//ESTs//5.9e-43:292:85//Hs.144660:AA652675
 R-MAMMA1002699//ESTs//3.2e-25:134:100//Hs.126049:F22510
 R-MAMMA1002701//ESTs, Weakly similar to !!!! ALU SUBFAMILY J WARNING ENTRY !!!! [H.sapiens]/6.9e-70:353:96//Hs.138404:R70986

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R-MAMMA1002708//ESTs//2.1e-76:413:94//Hs.57932:W69234
 R-MAMMA1002711//ESTs//1.9e-44:236:96//Hs.138575:H67858
 R-MAMMA1002721//Homo sapiens DEC-205 mRNA, complete cds//2.7e-43:273:89//Hs.153563:AF011333
 R-MAMMA1002727//ESTs//2.9e-84:395:10011Hs.162826:AA679571
 5 R-MAMMA1002728//Small inducible cytokine A5 (RANTES)//3.4e-42:266:88//Hs.155464:AF088219
 R-MAMMA1002744//ESTs//4.2e-18:473:63//Hs.42826:AA846757
 R-MAMMA1002746//ESTs//1.8e-100:473:99//Hs.117558:AA779907
 R-MAMMA1002748//Human melanoma antigen recognized by T-cells (MART-1) mRNA//5.8e-40:330:80//Hs.154069:U06452
 10 R-MAMMA1002754//ESTs, Weakly similar to !!!! ALU SUBFAMILY J WARNING ENTRY !!!! [H.sapiens]//4.5e-40:369:77//Hs.105292:AA504776
 R-MAMMA1002758
 R-MAMMA1002764//ESTs//4.2e-103:486:99//Hs.159909:AI393281
 R-MAMMA1002765//ESTs//1.6e-37:338:76//Hs.37573:H59651
 15 R-MAMMA1002769//ESTs//0.72:409:57//Hs.141376:AI301272
 R-MAMMA1002780//ESTs//1.6e-52:292:92//Hs.135985:AA342750
 R-MAMMA1002782//ESTs//1.0e-31:157:80//Hs.159510:AA297145
 R-MAMMA1002796//ESTs//3.8e-49:284:92//Hs.156479:AA513812
 R-MAMMA1002807//Archain//1.4e-39:315:80//Hs.33642:X81198
 20 R-MAMMA1002820//ESTs//5.0e-14:192:74//Hs.134635:AA226260
 R-MAMMA1002830//EST//4.0e-50:255:97//Hs.160674:AI248319
 R-MAMMA1002833//EST//1.2e-48:306:88//Hs.149580:AI281881
 R-MAMMA1002835
 R-MAMMA1002838//EST//2.7e-12:161:76//Hs.163252:AA828723
 25 R-MAMMA1002842//ESTs//1.7e-41:366:78//Hs.141899:N22395
 R-MAMMA1002843//Von Hippel-Lindau syndrome//8.8e-38:258:79//Hs.78160:AF010238
 R-MAMMA1002844//ESTs//3.5e-51:250:99//Hs.151445:AA351081
 R-MAMMA1002858//H.sapiens ERF-1 mRNA 3' end//9.0e-101:361:91//Hs.85155:X79067
 R-MAMMA1002868//ESTs//2.1e-38:301:80//Hs.132717:AA171941
 30 R-MAMMA1002871//EST//6.0e-88:413:99//Hs.149057:AI243592
 R-MAMMA1002880//ESTs//6.5e-100:506:96//Hs.163533:N52194
 R-MAMMA1002881//EST//1.1e-40:335:80//Hs.160895:AI365871
 R-MAMMA1002886//Small inducible cytokine A5 (RANTES)//3.4e-36:228:88//Hs.155464:AF088219
 R-MAMMA1002887//ESTs//4.7e-87:409:99//Hs.152155:AA424811
 35 R-MAMMA1002890//ESTs, Weakly similar to coded for by C. elegans cDNA CEESB82F [C.elegans]//4.2e-92:438:99//Hs.155871:AA533783
 R-MAMMA1002892//Homo sapiens EVI5 homolog mRNA, complete cds//4.9e-62:322:80//Hs.26929:AF008915
 R-MAMMA1002895//ESTs//2.7e-32:330:76//Hs.139132:AA211087
 R-MAMMA1002908//Calcium modulating ligand//4.6e-48:313:86//Hs.13572:AF068179
 40 R-MAMMA1002909//Human mRNA for KIAA0180 gene, partial cds//3.4e-09:132:76//Hs.90981:D80002
 R-MAMMA1002930//EST//4.9e-44:260:91//Hs.149580:AI281881
 R-MAMMA1002938
 R-MAMMA1002941//Human Line-1 repeat mRNA with 2 open reading frames//1.1e-83:556:85//Hs.23094:M19503
 R-MAMMA1002947//ESTs//7.0e-22:222:80//Hs.103395:T79243
 45 R-MAMMA1002964//Human mRNA for KIAA0355 gene, complete cds//1.6e-44:427:77//Hs.153014:AB002353
 R-MAMMA1002970//Thromboxane A2 receptor//7.9e-48:300:84//Hs.89887:D38081
 R-MAMMA1002972//ESTs, Weakly similar to KIAA0371 [H.sapiens]//9.6e-104:525:95//Hs.94396:AA399630
 R-MAMMA1002973//ESTs//4.4e-40:257:87//Hs.163580:H15835
 R-MAMMA1002982//ESTs//2.5e-28:115:87//Hs.141694:W15279
 50 R-MAMMA1002987//Homo sapiens DNA fragmentation factor 40 kDa subunit (DFF40) mRNA, complete cds//2.1e-41:402:67//Hs.133089:AF064019
 R-MAMMA1003003//Calcium modulating ligand//1.9e-45:380:79//Hs.13572:AF068179
 R-MAMMA1003004//ESTs//3.0e-07:378:60//Hs.61885:AI127857
 R-MAMMA1003007//ESTs//2.0e-47:404:80//Hs.146314:R99617
 55 R-MAMMA1003011//ESTs, Highly similar to HISTONE MACRO-H2A.1 [Rattus norvegicus]//1.4e-53:320:90//Hs.92023:AI022248
 R-MAMMA1003015//ESTs//1.5e-42:363:79//Hs.155184:AA573189
 R-MAMMA1003019//ESTs//4.8e-10:232:66//Hs.111341:AA251268

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R-MAMMA1003026//ESTs//2.3e-83:394:99//Hs.24668:AA897315
 R-MAMMA1003031//ESTs, Moderately similar to !!!! ALU SUBFAMILY J WARNING ENTRY !!!! [H.sapiens]//3.5e-27:257:77//Hs.96337:AA225358
 R-MAMMA1003035//ESTs//1.3e-94:481:94//Hs.92411:AA603321
 5 R-MAMMA1003039//EST//0.56:210:61//Hs.162248:AA552160
 R-MAMMA1003040//ESTs//2.1e-17:261:70//Hs.46980:W55940
 R-MAMMA1003044//EST//2.4e-18:124:91//Hs.130321:AI002941
 R-MAMMA1003047//ESTs//1.0e-20:209:78//Hs.15916:H12862
 R-MAMMA1003049//14-3-3 PROTEIN SIGMA//0.94:184:60//Hs.2510:X57348
 10 R-MAMMA1003055//EST//1.0e-49:281:92//Hs.149580:AI281881
 R-MAMMA1003056//ESTs//0.99:107:66//Hs.30348:AI038559
 R-MAMMA1003057//ESTs, Highly similar to hypothetical protein MD6 [M.musculus]//1.1e-102:545:93//Hs.13755:AA878911
 R-MAMMA1003066//H.sapiens mRNA for urea transporter//8.1e-45:322:83//Hs.66710:X96969
 15 R-MAMMA1003089//ESTs, Weakly similar to !!!! ALU SUBFAMILY SQ WARNING ENTRY !!!! [H.sapiens]//1.4e-34:421:70//Hs.161959:AA493652
 R-MAMMA1003099//ESTs//1.1e-43:379:79//Hs.37573:H59651
 R-MAMMA1003104//ESTs//2.1e-97:498:96//Hs.9299:T51283
 R-MAMMA1003113//EST//3.7e-29:457:70//Hs.123616:AA815366
 20 R-MAMMA1003127//ESTs//2.6e-41:283:86//Hs.146811:AA410788
 R-MAMMA1003135//ESTs//7.2e-101:504:97//Hs.87729:AA863125
 R-MAMMA1003140//ESTs//4.3e-44:200:89//Hs.152093:AI149537
 R-MAMMA1003146//Wingless-type MMTV integration site 5A, human homolog//0.020:413:61//Hs.152213:L20861
 25 R-aaaaaaaaaaaa
 R-MAMMA1003166//ESTs, Moderately similar to PEANUT PROTEIN[Drosophila melanogaster]//2.0e-87:524:89//Hs.6884:W30736
 R-NT2RM2002580//Homo sapiens clone 24781 mRNA sequence//1.6e-111:587:94//Hs.108112:AF070640
 R-NT2RM4000024//ESTs//2.9e-98:523:94//Hs.26641:R59312
 30 R-NT2RM4000027
 R-NT2RM4000030//ESTs//1.6e-96:482:96//Hs.90625:T03663
 R-NT2RM4000046//ESTs//1.6e-91:461:97//Hs.151237:AI86169
 R-NT2RM4000061//ESTs//4.3e-31:167:97//Hs.110821:Z78379
 R-NT2RM4000085//Homo sapiens clone 24700 unknown mRNA, partial cds//4.0e-113:549:97//Hs.95665:AF070639
 35 R-NT2RM4000086//EST//2.7e-17:212:76//Hs.137041:AA877817
 R-NT2RM4000104//ESTs//3.0e-85:452:94//Hs.101750:H19708
 R-NT2RM4000139//EST//3.3e-05:156:66//Hs.133228:AI052312
 R-NT2RM4000155//ESTs, Moderately similar to THREONYL-TRNA SYNTHETASE, CYTOPLASMIC [H.sapiens]//1.9e-99:536:92//Hs.127810:AI246301
 40 R-NT2RM4000156//EST//0.89:169:62//Hs.162967:AA676397
 R-aaaaaaaaaaaa//ESTs//1.0:214:61//Hs.119370:W52962
 R-NT2RM4000169//ESTs//5.4e-82:440:93//Hs.159379:AI382160
 R-NT2RM4000191//ESTs, Weakly similar to P68 PROTEIN [H.sapiens]//4.1e-99:542:93//Hs.6366:AA614113
 45 R-NT2RM4000197//ESTs//5.4e-113:567:96//Hs.22975:AA156723
 R-NT2RM4000199//ESTs//10.020:95:6511Hs.146203:AI254528
 R-NT2RM4000200//ESTs//1.4e-100:488:97//Hs.126538:AA931876
 R-NT2RM4000202//Small inducible cytokine A5 (RANTES)//4.3e-37:330:77//Hs.155464:AF088219
 R-NT2RM4000210//Homo sapiens mRNA for KIAA0712 protein, complete cds//1.7e-103:546:94//Hs.111138:AB018255
 50 R-NT2RM4000215
 R-aaaaaaaaaaaa//ESTs//7.1e-92:457:97//Hs.162074:AA477760
 R-NT2RM4000233//Fms-related tyrosine kinase 1 (vascular endothelial growth factor/vascular permeability factor receptor)//0.00020:174:66//Hs.235:X51602
 55 R-NT2RM4000244//ESTs//6.6e-61:320:95//Hs.108646:AA613031
 R-NT2RM4000251//Homo sapiens mRNA for TRIP6 (thyroid receptor interacting protein)//0.63:219:62//Hs.119498:AF000974
 R-NT2RM4000265//ESTs//8.8e-105:489:99//Hs.131001:AI378742

R-NT2RM4000290//ESTs//4.0e-87:436:96//Hs.162592:AA594128
R-NT2RM4000324//ESTs//2.2e-80:413:96//Hs.12313:R43673
R-NT2RM4000327//Small inducible cytokine A5 (RANTES)//3.2e-45:286:87//Hs.155464:AF088219
R-NT2RM4000344//Clathrin, light polypeptide (Lcb)//8.6e-60:452:84//Hs.73919:X81637
5 R-NT2RM4000349//ESTs, Weakly similar to KIAA0005 [H.sapiens]//2.5e-117:579:96//Hs.5216:AA534881
R-NT2RM4000354//ESTs//2.1e-85:406:99//Hs.126774:AI224479
R-NT2RM4000356//ESTs//7.9e-109:548:96//Hs.44278:AA418063
R-NT2RM4000366//Homo sapiens mRNA for KIAA0642 protein, partial cds//2.8e-113:577:95//Hs.8152:AB014542
R-NT2RM4000368//ESTs//2.2e-61:310:97//Hs.143611:M78140
10 R-NT2RM4000386//ESTs, Weakly similar to tenascin-like protein [D.melanogaster]//1.0e-93:521:92//Hs.41793:
AA775879
R-NT2RM4000395//ESTs, Highly similar to HYPOTHETICAL 52.9 KD PROTEIN IN SAP155-YMR31 INTERGEN-
IC REGION [Saccharomyces cerevisiae]//1.9e-99:524:94//Hs.5249:U55977
R-NT2RM4000414//EST//2.7e-06:196:64//Hs.136648:AA688285
15 R-NT2RM4000421//ESTs, Weakly similar to No definition line found [C.elegans]//5.4e-75:470:90//Hs.69235:
AA192359
R-NT2RM4000425//H.sapiens mRNA for MACH-alpha-2 protein//0.17:112:69//Hs.19949:X98173
R-NT2RM4000433//ESTs//2.7e-100:479:98//Hs.24553:AI150687
R-NT2RM4000457//ESTs//5.1e-107:535:95//Hs.7579:AA775865
20 R-NT2RM4000471//ESTs, Highly similar to NIFS-LIKE 54.5 KD PROTEIN [Saccharomyces cerevisiae]//6.0e-99:
492:96//Hs.21090:AA418587
R-NT2RM4000486//ESTs, Moderately similar to unnamed protein product [H.sapiens]//2.2e-102:493:97//Hs.
111279:W84558
R-NT2RM4000496
25 R-NT2RM4000511//EST//5.1e-43:326:81//Hs.157658:AI358465
R-NT2RM4000514//ESTS//1.7e-112:552:96//Hs.6686:AA205496
R-nnnnnnnnnnnn//ESTs, Weakly similar to HYPOTHETICAL 85.0 KD PROTEIN IN CPA2-ATP2 INTERGENIC
REGION [Saccharomyces cerevisiae]//1.4e-60:343:93//Hs.16014:AA074879
R-NT2RM4000520//ESTs//2.7e-55:266:100//Hs.99838:AA204731
30 R-NT2RM4000531//ESTs//2.0e-88:502:91//Hs.13110:T67461
R-NT2RM4000532//ESTs//0.47:290:58//Hs.148753:T91777
R-NT2RM4000534//EST//0.00025:303:60//Hs.162809:AA632198
R-NT2RM4000585//EST//0.28:63:77//Hs.150024:AI291981
R-NT2RM4000590//ESTs//5.8e-65:320:98//Hs.116017:AA613437
35 R-NT2RM4000595//Homo sapiens KIAA0431 mRNA, partial cds//0.99:189:64//Hs.16349:AB007891
R-NT2RM4000603//ESTs//4.6e-68:356:96//Hs.48855:AA134589
R-nnnnnnnnnnnn//ESTs//1.5e-89:431:97//Hs.26117:W16697
R-NT2RM4000616//ESTs, Highly similar to ACETYL-COENZYME A SYNTHETASE [Escherichia coli]//1.4e-102:
519:96//Hs.14779:N64822
40 R-NT2RM4000674//ESTs//5.1e-78:398:97//Hs.8268:N70144
R-NT2RM4000689//ESTs, Weakly similar to T01G9.4 [C.elegans]//2.9e-115:550:98//Hs.11820:AA205531
R-NT2RM4000698//ESTs//2.0e-17:130:87//Hs.86420:AA927510
R-nnnnnnnnnnnn
R-NT2RM4000712//EST//0.99:103:65//Hs.114039:AA701128
45 R-NT2RM4000717//ESTs, Highly similar to BONE MORPHOGENETIC PROTEIN 1 PRECURSOR [Mus musculus]
//2.2e-103:519:95//Hs.6823:W18181
R-NT2RM4000733//ESTs//8.7e-88:429:98//Hs.72185:AA465311
R-NT2RM4000734//Homo sapiens mRNA for KIAA0760 protein, partial cds//3.6e-105:536:95//Hs.137168:
AB018303
50 R-NT2RM4000741//ESTs//0.99:266:58//Hs.142718:AA034046
R-NT2RM4000751//ESTs//1.6e-20:351:66//Hs.43145:AA776988
R-NT2RM4000764
R-NT2RM4000778//EST//0.066:254:61//Hs.148232:AA904174
R-NT2RM4000779//Homo sapiens mRNA for KIAA0451 protein, complete cds//9.3e-106:546:94//Hs.18586:
55 AB007920
R-NT2RM4000787//Human melanoma antigen recognized by T-cells (MART-1) mRNA//6.5e-40:424:73//Hs.
154069:U06452
R-NT2RM4000790//EST//9.0e-48:259:94//Hs.159694:AI417008

R-NT2RM4000795//Human mRNA for KIAA0067 gene, complete cds//1.0:203:63//Hs.20991:D31891
 R-NT2RM4000796//ESTs//7.0e-106:506:98//Hs.43559:AI003520
 R-NT2RM4000798//Human polymorphic epithelial mucin core protein mRNA, 3' end//2.5e-28:158:96//Hs.118249:
 M21868
 5 R-NT2RM4000813
 R-NT2RM4000820//ESTs, Weakly similar to hypothetical protein [H.sapiens]//1.3e-109:539:97//Hs.99636:
 AI219667
 R-NT2RM4000833//ESTs, Moderately similar to ZK863.3 [C.elegans]//4.0e-112:448:99//Hs.20223:AA482031
 R-NT2RM4000848//ESTs//8.1e-97:476:97//Hs.16036:AA883864
 10 R-NT2RM4000852//ESTs//6.4e-94:467:97//Hs.11556:AI309597
 R-NT2RM4000855//ESTs//2.9e-95:544:90//Hs.106525:AI283343
 R-nnnnnnnnnnn
 R-NT2RM4000895//ESTs, Moderately similar to !!!! ALU SUBFAMILY SQ WARNING ENTRY !!!! [H.sapiens]//9.3e-
 96:450:99//Hs.142076:AA604514
 15 R-NT2RM4000950//ESTs//2.6e-91:438:98//Hs.43827:AA455262
 R-NT2RM4000971//EST//2.9e-96:461:99//Hs.139709:AA227887
 R-NT2RM4000979//EST//1.6e-67:329:98//Hs.96927:AA349647
 R-NT2RM4000996//ESTs, Weakly similar to ZINC FINGER PROTEIN 91 [H.sapiens]//1.7e-82:414:96//Hs.115342:
 AA650126
 20 R-NT2RM4001002//Homo sapiens mRNA for KIAA0729 protein, partial cds//3.8e-114:545:97//Hs.19542:
 AB018272
 R-NT2RM4001016//Homo sapiens mRNA for KIAA0639 protein, partial cds//2.5e-114:556:97//Hs.15711:
 AB014539
 R-NT2RM4001032//ESTs//7.8e-17:132:84//Hs.138720:N53352
 25 R-NT2RM4001047//Homo sapiens UKLF mRNA for ubiquitous Kruppel like factor, complete cds//0.42:133:67//Hs.
 32170:AB015132
 R-NT2RM4001054//ESTs//1.7e-84:404:99//Hs.116407:AA815300
 R-nnnnnnnnnnn//ESTs//3.4e-91:439:99//Hs.103177:W72798
 R-NT2RM4001092//ESTs//1.4e-86:517:89//Hs.132969:Z78324
 30 R-NT2RM4001116//EST//5.2e-57:275:100//Hs.131115:AI016962
 R-NT2RM4001140//ESTs//5.5e-96:461:98//Hs.86965:AA252276
 R-NT2RM4001151//ESTs//0.40:263:58//Hs.113189:R08311
 R-NT2RM4001155//ESTs//8.3e-105:544:94//Hs.29647:W60848
 R-NT2RM4001160//EST//7.6e-25:380:68//Hs.147405:AI209085
 35 R-NT2RM4001187//ESTs, Moderately similar to !!!! ALU SUBFAMILY SC WARNING ENTRY !!!! [H.sapiens]//9.2e-
 43:273:91//Hs.109005:N31174
 R-NT2RM4001191//Cytochrome P450, 51 (lanosterol 14-alpha-demethylase)//3.1e-32:274:70//Hs.2379:U23942
 R-NT2RM4001200//ESTs//4.5e-102:494:97//Hs.31844:N32849
 R-NT2RM4001203
 40 R-NT2RM4001204//ESTs//9.8e-88:468:93//Hs.4990:T65307
 R-NT2RM4001217//ESTs//1.2e-75:396:94//Hs.25042:R72410
 R-NT2RM4001256//ESTs//1.0:157:62//Hs.65377:AA994677
 R-NT2RM4001258//ESTs//9.6e-41:260:88//Hs.27633:N76184
 R-NT2RM4001309
 45 R-NT2RM4001313//EST//0.0022:150:66//Hs.161573:W84857
 R-NT2RM4001316//ESTs//3.5e-26:139:99//Hs.23100:AI128899
 R-NT2RM4001320//ESTs//1.6e-97:308:99//Hs.112024:AI042352
 R-NT2RM4001340//ESTs, Highly similar to UTR4 PROTEIN [Saccharomyces cerevisiae]//1.9e-105:522:97//Hs.
 18442:AI129307
 50 R-NT2RM4001344//EST//1.1e-90:436:99//Hs.95900:AA160339
 R-NT2RM4001347//EST//0.17:186:61//Hs.16751:T90476
 R-NT2RM4001371//EST//0.0069:270:62//Hs.99239:AA450211
 R-NT2RM4001382
 R-NT2RM4001384//ESTs//9.6e-91:445:98//Hs.55000:AA805507
 55 R-NT2RM4001410//EST//0.13:50:82//Hs.157675:AI358790
 R-NT2RM4001411//ESTs, Weakly similar to lymphocyte specific adaptor protein Lnk [M.musculus]//4.0e-102:539:
 94//Hs.15744:AI055859
 R-NT2RM4001412

- R-NT2RM4001414//ESTs//6.5e-35:226:88//Hs.121727:AA775895
 R-NT2RM4001437//EST//0.017:169:67//Hs.13207:F10054
 R-NT2RM4001444//ESTs, Weakly similar to ISOLEUCYL-TRNA SYNTHETASE, MITOCHONDRIAL [S.cerevisiae]//7.4e-108:544:94//Hs.7558:AA526812
 5 R-NT2RM4001454//ESTs//4.7e-108:517:98//Hs.32295:N32277
 R-NT2RM4001455//EST//9.6e-81:395:97//Hs.127978:AA969739
 R-NT2RM4001483//Human mRNA for KIAA0033 gene, partial cds//1.8e-58:324:85//Hs.22271:D26067
 R-NT2RM4001489//Homo sapiens mRNA for KIAA0685 protein, complete cds//7.0e-104:547:93//Hs.153121:AB014585
 10 R-NT2RM4001519//Histatin 1//0.53:340:59//Hs.119101:M26664
 R-NT2RM40015227//Small inducible cytokine A5 (RANTES)//8.4e-55:306:80//Hs.155464:AF088219
 R-NT2RM40015577//ESTs, Weakly similar to F11A10.4 [C.elegans]//6.1e-21:165:83//Hs.29134:H43072
 R-NT2RM4001565//ESTs//2.0e-103:483:99//Hs.121273:AA758027
 R-NT2RM4001566//Human DNA sequence from clone 1409 on chromosome Xp11.1-11.4. Contains a Inter-Alpha-Trypsin Inhibitor Heavy Chain LIKE gene, a alternatively spliced Melanoma-Associated Antigen MAGE LIKE gene and a 6-Phosphofructo-2-kinase (Fructose-2,6-bisphosphatase) LIKE pseudogene. Contains ESTs, STSs and genomic marker DXS8032//2.7e-43:446:72//Hs.4943:Z98046
 15 R-NT2RM4001569//ESTs//3.6e-37:186:100//Hs.86959:AA888009
 R-NT2RM4001582//ESTs//1.2e-96:459:98//Hs.114432:N52946
 20 R-NT2RM4001594//ESTs//1.6e-83:404:98//Hs.134740:AA282171
 R-NT2RM4001597//ESTs//6.9e-111:558:96//Hs.11408:AI358871
 R-NT2RM4001605//Homo sapiens mRNA for KIAA0791 protein, complete cds//2.1e-112:565:95//Hs.23255:AB018334
 25 R-NT2RM4001611//EST//5.9e-74:353:99//Hs.125318:AA837079
 R-NT2RM4001629//ESTs//6.1e-95:453:99//Hs.115765:AA485957
 R-NT2RM4001650
 R-NT2RM4001662
 R-NT2RM4001666//Homo sapiens mRNA for KIAA0469 protein, complete cds//3.6e-36:230:70//Hs.7764:AB007938
 30 R-NT2RM4001682//EST//4.3e-68:393:90//Hs.157362:AI367496
 R-NT2RM4001710//ESTs//4.3e-48:235:99//Hs.7299:AA203440
 R-NT2RM4001714//ESTs//0.0014:568:58//Hs.50458:AA868686
 R-NT2RM4001731//ESTs, Weakly similar to No definition line found [C.elegans]//3.1e-108:563:94//Hs.18510:AA522887
 35 R-NT2RM4001741//T3 receptor-associating cofactor-1 [human, fetal liver, mRNA, 2930 nt]//0.083:124:68//Hs.120980:S83390
 R-NT2RM4001746//ESTs//6.1e-90:420:100//Hs.139003:AA948200
 40 R-NT2RM4001754//Human kpni repeat mma (cdna clone pcd-kpni-4), 3' end//5.4e-59:504:78//Hs.139107:K00629
 R-NT2RM4001758//ESTs//8.9e-27:140:100//Hs.149973:AI290740
 R-NT2RM4001776//Homo sapiens mRNA for KIAA0727 protein, partial cds//6.4e-24:236:80//Hs.39871:AB018270
 R-NT2RM4001783//ESTs//9.9e-30:156:99//Hs.115260:AA314956
 R-NT2RM4001810//ESTs//1.3e-65:346:95//Hs.131915:W22567
 45 R-NT2RM4001813//ESTs//5.7e-102:473:100//Hs.87574:AI089920
 R-NT2RM4001823//ESTs//3.8e-62:324:95//Hs.124109:AA888839
 R-NT2RM4001828//ESTs//1.3e-119:563:98//Hs.102397:AA706551
 R-NT2RM4001836//ESTs//5.5e-16:92:100//Hs.26996:AA551070
 R-NT2RM4001841//ESTs//1.3e-99:540:94//Hs.42322:AA082619
 50 R-NT2RM4001842//ESTs, Weakly similar to !!!! ALU SUBFAMILY SQ WARNING ENTRY !!!! [H.sapiens]//4.1e-10:274:62//Hs.161959:AA493652
 R-NT2RM4001856//ESTs, Weakly similar to contains similarity to ATP/GTP-binding site motif [C.elegans]//3.0e-43:292:86//Hs.14202:N46000
 R-NT2RM4001857//Homo sapiens mRNA for atopy related autoantigen CALC//1.6e-120:592:97//Hs.61628:Y17711
 55 R-NT2RM4001876//ESTs//2.9e-98:532:92//Hs.100734:AA158252
 R-NT2RM4001880//ESTs//2.5e-29:224:86//Hs.6193:AA045149

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R-NT2RM4001905//ESTs//5.6e-109:565:95//Hs.9536:AA114178
 R-NT2RM4001922//ESTs, Weakly similar to !!!! ALU SUBFAMILY J WARNING ENTRY !!!! [H.sapiens]//1.2e-105:
 535:95//Hs.30991:AA994438
 R-NT2RM4001930//ESTs//4.1-84:425:96//Hs.80042:N63143
 5 R-NT2RM4001938//EST//0.00040:241:60//Hs.147235:AI205893
 R-NT2RM4001940//Homo sapiens timeless homolog mRNA, complete cds//2.0e-110:556:95//Hs.118631:
 AF098162
 R-NT2RM4001953//ESTs//5.3e-65:338:96//Hs.33718:AA453268
 R-NT2RM4001965//ESTs, Weakly similar to T14B4.2 gene product [C.elegans]//5.7e-62:326:95//Hs.3385:N25917
 10 R-NNNNNNNNNNNN//ESTs, Weakly similar to IP63 protein [R.norvegicus]//1.9e-21:121:98//Hs.8772:AA521097
 R-NT2RM4001979//ESTs//1.4e-96:465:98//Hs.157103:W60265
 R-NT2RM4001984
 R-NT2RM4001987
 R-NT2RM4002013//EST//2.2e-14:110:90//Hs.160835:AI345528
 15 R-NT2RM4002018
 R-NT2RM4002034//Human mRNA for KIAA0118 gene, partial cds//9.4e-46:293:87//Hs.154326:D42087
 R-NT2RM4002044//ESTs//2.8e-107:537:96//Hs.24078:W44435
 R-NT2RM4002054//ESTs//3.7e-88:482:94//Hs.4243:T78226
 R-NT2RM4002062//ESTs//1.4e-55:377:85//Hs.152592:AA587887
 20 R-NT2RM4002063//Calcium modulating ligand//1.8e-43:385:78//Hs.13572:AF068179
 R-NNNNNNNNNNNN//Homo sapiens OPA-containing protein mRNA, complete cds//5.5e-42:554:68//Hs.85313:
 AF071309
 R-NT2RM4002067//Human kpni repeat mra (cdna clone pcd-kpni-4), 3' end//2.3e-43:468:73//Hs.139107:K00629
 R-NT2RM4002073//ESTs, Weakly similar to very-long-chain acyl-CoA synthetase [H.sapiens]//6.8e-57:290:96//
 25 Hs.109274:AA193416
 R-NT2RM4002075//ESTs//0.078:267:61//Hs.163563:AA641655
 R-NT2RM4002093//ESTs//1.2e-64:316:99//Hs.34956:AI052528
 R-NNNNNNNNNNNN//ESTs//1.0:95:69//Hs.25897:W65409
 R-NT2RM4002128//Homo sapiens mRNA for BCL9 gene//0.51:258:60//Hs.122607:Y13620
 30 R-NT2RM4002140//ESTs//5.5e-46:187:94//Hs.8737:W22712
 R-NT2RM4002145//ESTs//4.6e-70:374:94//Hs.141082:H18987
 R-NT2RM4002146//ESTs//1.9e-93:43 9:99//Hs.119295:AA442090
 R-NT2RM4002161//Homo sapiens laforin (EPM2A) mRNA, partial cds//1.5e-111:560:96//Hs.22464:AF084535
 R-NT2RM4002174//Homo sapiens LIM protein mRNA, complete cds//3.2e-46:552:72//Hs.154103:AF061258
 35 R-NT2RM4002189//ESTs//9.6e-75:352:100//Hs.98350:H15400
 R-NT2RM4002194//EST//0.22:68:72//Hs.149104:AI244343
 R-NT2RM4002205//EST//0.00028:103:72//Hs.130032:AA897678
 R-NT2RM4002213//ESTs//3.3e-15:160:78//Hs.63304:W22079
 R-NT2RM4002226//ESTs, Highly similar to GTPASE ACTIVATING PROTEIN ROTUND [Drosophila melanogaster]
 40 //5.1e-112:569:95//Hs.23900:U82984
 R-NT2RM4002251//ESTs, Weakly similar to similar to alpha-1,3-mannosyl-glycoprotein beta-1, 2-N-acetylglu-
 cosaminyltransferase [C.elegans]//1.1e-100:544:93//Hs.27567:W72190
 R-NT2RM4002256//Small inducible cytokine A5 (RANTES)//1.0e-44:341:81//Hs.155464:AF088219
 R-NT2RM4002266//ESTs//2.6e-100:539:93//Hs.57976:AA535864
 45 R-NT2RM4002278//ESTs//1.8e-112:569:95//Hs.87281:AA128263
 R-NT2RM4002281//ESTs//4.9e-20:187:80//Hs.141203:H52638
 R-NT2RM4002287//ESTs//7.9e-84:388:94//Hs.33977:N52461
 R-NT2RM4002294
 R-NT2RM4002301//ESTs//4.5e-111:556:96//Hs.85916:AA194164
 50 R-NT2RM4002323//ESTs//4.5e-102:498:97//Hs.85782:AA191498
 R-NNNNNNNNNNNN//ESTs//5.0e-59:283:100//Hs.125048:AA682913
 R-NT2RM4002344//V-akt murine thymoma viral oncogene homolog 2//0.29:153:66//Hs.155129:M77198
 R-NT2RM4002373//Homo sapiens mRNA for KIAA0649 protein, complete cds//2.8e-122:593:97//Hs.26163:
 AB014549
 55 R-NT2RM4002374//ESTs//3.3e-40:505:70//Hs.95115:AA206594
 R-NT2RM4002383//ESTs//2.7e-93:455:97//Hs.134278:AA648884
 R-NT2RM4002390//ESTs//3.3e-93:481:95//Hs.48764:AA613328
 R-NT2RM4002409//ESTs, Weakly similar to coded for by C. elegans cDNA yk52e10.5 [C.elegans]//1.3e-97:473:

98//Hs.16464:W19606
 R-NT2RM4002438//ESTs//0.74:162:61//Hs.65377:AA994677
 R-NT2RM4002446
 R-NT2RM4002452//EST//1.0:164:60//Hs.116619:AA668142
 5 R-NT2RM4002457
 R-NT2RM4002460//ESTs//3.0e-74:385:96//Hs.6933:R07890
 R-NT2RM4002479//Homo sapiens RNA helicase-related protein mRNA, complete cds//1.6e-103:507:97//Hs.
 8765:AF083255
 R-NT2RM4002482//Homo sapiens mRNA for KIAA0691 protein, complete cds//2.3e-32:172:98//Hs.94781:
 10 AB014591
 R-NT2RM4002493//ESTs//6.4e-73:366:97//Hs.157114:T58884
 R-NT2RM4002499//ESTs//3.5e-61:307:97//Hs.117737:AI088029
 R-NT2RM4002504//ESTs//2.1e-55:306:94//Hs.10949:AA464464
 R-nnnnnnnnnnnn//ESTs, Weakly similar to peroxisome targeting signal 2 receptor [H.sapiens]//1.4e-73:360:91//
 15 Hs.31030:H50467
 R-NT2RM4002532//ESTs//1.3e-21:191:78//Hs.146811:AA410788
 R-NT2RM4002534//ESTs//1.8e-99:512:95//Hs.13526:AI417057
 R-NT2RM4002567//ESTs//7.6e-41:272:87//Hs.7114:R24312
 R-NT2RM4002571//ESTs, Highly similar to POLYPEPTIDE N-ACETYL GALACTOSAMINYLTRANSFERASE [Bos
 20 taurus]//2.3e-89:435:97//Hs.15830:AA165698
 R-NT2RM4002593//ESTs//2.3e-109:552:96//Hs.17424:AA190569
 R-NT2RM4002623//ESTs, Weakly similar to ASPARTYL-TRNA SYNTHETASE [Thermus aquaticus thermophilus]
 //9.6e-28:194:87//Hs.59346:AI126802
 R-NT2RP2000001//ESTs//2.6e-80:386:99//Hs.105061:N45096
 25 R-NT2RP2000006//Thromboxane A2 receptor//7.2e-37:253:84//Hs.89887:D38081
 R-NT2RP2000008//Zinc finger protein 37a (KOX 21)//5.2e-25:366:67//Hs.54488:X69115
 R-NT2RP2000027//ESTs//9.5e-74:377:96//Hs.96557:AA286713
 R-NT2RP2000040//Homo sapiens mRNA for KIAA0747 protein, partial cds//2.7e-42:223:96//Hs.8309:AB018290
 R-NT2RP2000045//Homo sapiens tumorous imaginal discs protein Tid56 homolog (TID1) mRNA, complete cds//
 30 4.3e-64:309:98//Hs.6216:AF061749
 R-NT2RP2000054//EST//1.2e-71:375:96//Hs.98835:AA435798
 R-NT2RP2000056//EST//2.8e-28:342:69//Hs.135526:AI094910
 R-NT2RP2000067//ESTs, Weakly similar to tenascin-like protein [D.melanogaster]//2.3e-35:199:94//Hs.41793:
 AA775879
 35 R-NT2RP2000070//ESTs, Weakly similar to proto-cadherin 3 [R.norvegicus]//1.4e-78:383:98//Hs.58254:W72881
 R-NT2RP2000076//EST//0.0014:227:63//Hs.136761:AA738097
 R-NT2RP2000077//Homo sapiens growth arrest specific 11 (GAS11) mRNA, complete cds//1.1e-78:379:97//Hs.
 54877:AF050078
 R-NT2RP2000079//Homo sapiens RET finger protein-like 1 antisense transcript, partial//2.9e-21:232:75//Hs.
 40 102576:AJ010230
 R-NT2RP2000088//Homo sapiens mRNA for KIAA0795 protein, partial cds//1.8e-75:378:96//Hs.22926:AB018338
 R-NT2RP2000091//Carcinoembryonic antigen gene family member 6//0.030:236:63//Hs.41:D90064
 R-NT2RP2000097//ESTs//4.2e-15:92:97//Hs.7432:AA281757
 R-NT2RP2000098//ESTs//9.0e-53:279:94//Hs.87807:AA813827
 45 R-NT2RP2000108//EST//1.5e-75:378:96//Hs.162105:AA524419
 R-NT2RP2000114//Homo sapiens mRNA for GM3 synthase, complete cds//5.8e-76:386:95//Hs.17706:AB018356
 R-NT2RP2000120//ESTs, Weakly similar to HYPOTHETICAL 68.7 KD PROTEIN ZK757.1 IN CHROMOSOME III
 [C.elegans]//1.9e-19:153:86//Hs.5268:W22670
 R-nnnnnnnnnnnn//ESTs//1.0e-55:293:95//Hs.14570:AI422099
 50 R-nnnnnnnnnnnnnn//ESTs//0.24:354:59//Hs.157564:AI356513
 R-NT2RP2000147//ESTs, Highly similar to CLATHRIN COAT ASSEMBLY PROTEIN AP47 [Mus musculus]//3.0e-
 89:457:95//Hs.3832:AI208601
 R-NT2RP2000153//EST//0.0039:93:68//Hs.140386:AA773548
 R-NT2RP2000157//ESTs//1.1e-53:322:91//Hs.6877:AA040820
 55 R-NT2RP2000161//EST5//1.6e-99:492:97//Hs.21738:AI188190
 R-NT2RP2000175//ESTs//1.4e-98:489:96//Hs.4849:AI143741
 R-NT2RP2000183//ESTs//9.0e-72:358:96//Hs.4856:N51373
 R-NT2RP2000195//ESTs//3.9e-92:439:98//Hs.145091:AA814510

- R-NT2RP2000205//ESTs, Moderately similar to !!!! ALU SUBFAMILY J WARNING ENTRY !!!! [H.sapiens]//1.4e-80:415:95//Hs.11807:T86897
- R-NT2RP2000224//RNA polymerase II, polypeptide C (33kD)//1.1e-57:306:94//Hs.79402:AC004382
- R-NT2RP2000232
- 5 R-NT2RP2000233//ESTs//1.1e-08:63:96//Hs.124861:AI090683
- R-NT2RP2000239//ESTs//5.3e-87:427:96//Hs.86211:AA604379
- R-NT2RP2000248//ESTs, Weakly similar to O-linked GlcNAc transferase [H.sapiens]//1.3e-95:454:99//Hs.102057:AA649005
- R-NT2RP2000257//ESTs//5.1e-58:282:99//Hs.122565:AI126840.
- 10 R-NT2RP2000258//EST//1.0:67:68//Hs.61812:AA035649
- R-NT2RP2000270//ESTs, Weakly similar to LINE-1 REVERSE TRANSCRIPTASE HOMOLOG [Homo sapiens]//8.4e-59:298:96//Hs.16085:AI261382
- R-NT2RP2000274//ESTs//7.5e-61:296:98//Hs.86081:AA196635
- R-NT2RP2000288//ESTs//1.8e-56:305:93//Hs.7579:AA775865
- 15 R-NT2RP2000289
- R-NT2RP2000297//ESTs, Highly similar to MKR2 PROTEIN [Mus musculus]//9.8e-106:494:99//Hs.102951:AA574249
- R-NT2RP2000298//ESTs//2.1e-62:256:90//Hs.8737:W22712
- R-NT2RP2000310//Human proline dehydrogenase/proline oxidase (PRODH) mRNA, complete cds//2.8e-39:222:93//Hs.58218:U82381
- 20 R-NT2RP2000327//Homo sapiens DNA sequence from PAC 434014 on chromosome 1q32.3.-41. Contains the HSD11B1 gene for Hydroxysteroid (11-beta) Dehydrogenase 1, the ADORA2BP adenosine A2b receptor LIKE pseudogene, the IRF6 gene for Interferon Regulatory Factor 6 and two unknown genes. Contains ESTs and GSSs//2.9e-71:342:98//Hs.87684:AL022398
- 25 R-NT2RP2000329//ESTs, Highly similar to GTP:AMP PHOSPHOTRANSFERASE MITOCHONDRIAL [Bos taurus]//3.4e-69:371:94//Hs.43436:N32441
- R-NT2RP2000337//ESTs//5.2e-79:411:95//Hs.101799:AI276062
- R-NT2RP2000346//Homo sapiens apoptosis associated protein (GADD34) mRNA, complete cds//1.1e-47:262:94//Hs.76556:U83981
- 30 R-NT2RP2000369//ESTs//4.3e-102:531:94//Hs.15855:H98103
- R-NT2RP2000414//Homo sapiens HnRNP F protein mRNA, complete cds//8.4e-09:93:83//Hs.808:L28010
- R-NT2RP2000420//ESTs//8.2e-24:142:94//Hs.144893:AI222324
- R-NT2RP2000422//Homo sapiens N-acetylglucosamine-phosphate mutase mRNA, complete cds//4.2e-20:140:90//Hs.5819:AF102265
- 35 R-NT2RP2000438//ESTs, Weakly similar to misato [D.melanogaster]//1.3e-65:362:93//Hs.22197:AI151425
- R-NT2RP2000448//ESTs, Highly similar to HYPOTHETICAL 51.6 KD PROTEIN IN PAP1-MRPL13 INTERGENIC REGION [Saccharomyces cerevisiae]//3.6e-75:435:92//Hs.21938:W81045
- R-NT2RP2000459//ESTs//2.8e-95:527:93//Hs.103422:AI352013
- R-NT2RP2000498//ESTs//2.3e-17:119:79//Hs.161714:AA229078
- 40 R-NT2RP2000503//ESTs//5.2e-91:438:98//Hs.152335:AI290215
- R-NT2RP2000510//Homo sapiens KIAA0436 mRNA, partial cds//0.13:455:58//Hs.110:AB007896
- R-nnnnnnnnnn//ESTs//9.9e-63:376:89//Hs.47546:AA181348
- R-NT2RP2000523
- R-NT2RP2000603//Homo sapiens mRNA for KIAA0572 protein, partial cds//3.5e-30:167:97//Hs.14409:AB011144
- 45 R-NT2RP2000617//ESTs//9.5e-103:493:98//Hs.9412:W72446
- R-NT2RP2000634//Homo sapiens mRNA for KIAA0614 protein, partial cds//8.1e-66:335:96//Hs.7314:AB014514
- R-NT2RP2000644//ESTs//1.1e-18:372:63//Hs.82419:AA789222
- R-NT2RP2000656//ESTs//1.0e-10:128:80//Hs.23977:AA115275
- R-NT2RP2000658//ESTs//0.31:278:59//Hs.15661:W02396
- 50 R-NT2RP2000668//ESTs//8.2e-40:255:88//Hs.113310:R16767
- R-NT2RP2000678//ESTs//2.6e-53:271:9611Hs.23790:N99347
- R-NT2RP2000710//ESTs//0.49:190:63//Hs.145521:AI261368
- R-NT2RP2000715//EST//1.2e-87:418:9911Hs.139425:AA429279
- R-NT2RP2000731//EST//5.3e-65:322:97//Hs.136754:AA713965
- 55 R-NT2RP2000758//ESTs//1.0:187:61//Hs.10545:N62642
- R-NT2RP2000764//ESTs//5.8e-84:485:91//Hs.121816:AA775419
- R-NT2RP2000809
- R-NT2RP2000812//ESTs//1.2e-45:231:97//Hs.121028:AA902745

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R-nnnnnnnnnnnnn/ESTs//6.3e-87:433:97//Hs.145479:AA969404
 R-NT2RP2000816//ESTs//0.45:100:69//Hs.147529:AA458918
 R-NT2RP2000819
 R-NT2RP2000841//ESTs//1.9e-73:351:99//Hs.116385:AI224511
 5 R-NT2RP2000842//TUMOR NECROSIS FACTOR-INDUCIBLE PROTEIN TSG-6
 PRECURSOR//4.6e-10:247:66//Hs.29352:M31165
 R-NT2RP2000845//ESTs//2.8e-91:443:97//Hs.66810:AI206552
 R-NT2RP2000863//ESTs//4.3e-49:310:88//Hs.104336:W07345
 R-NT2RP2000880//Homo sapiens mRNA for KIAA0741 protein, complete cds//2.8e-43:277:89//Hs.3615:
 10 AB018284
 R-NT2RP2000892//ESTs//2.8e-50:25 8:96//Hs.119238:AA476267
 R-NT2RP2000931//MATRIN 3//7.2e-57:290:96//Hs.78825:AB018266
 R-NT2RP2000938//ESTs, Highly similar to HYPOTHETICAL 6.3 KD PROTEIN ZK652.2 IN CHROMOSOME III
 [Caenorhabditis elegans]/3.9e-37:199:95//Hs.112318:AA186477
 15 R-NT2RP2000943//Homo sapiens mRNA for KIAA0755 protein, complete cds//9.8e-98:494:96//Hs.19822:
 AB018298
 R-NT2RP2000965//EST//0.22:223:60//Hs.105703:AA487021
 R-NT2RP2000970//EST//8-7e-06:255:62//Hs.149202:AI246481
 R-NT2RP2000985//ESTs, Weakly similar to HYPOTHETICAL 96.8 KD PROTEIN IN SIS2-MTD1 INTERGENIC
 20 REGION [S.cerevisiae]/7.8e-92:468:95//Hs.12124:AA522537
 R-NT2RP2000987//ESTs//4.5e-78:419:93//Hs.21968:H97521
 R-NT2RP2001036//EST//2.0e-33:148:82//Hs.163196:AA767643
 R-NT2RP2001044//ESTs//5.6e-95:493:95//Hs.21958:AA453660
 R-NT2RP2001065//ESTs//3.6e-28:153:96//Hs.119314:AA432108
 25 R-NT2RP2001070//EST//0.30:94:67//Hs.94289:N73665
 R-NT2RP2001094//EST//0.75:101:69//Hs.161040:H82068
 R-NT2RP2001119
 R-NT2RP2001127//Homa sapiens mRNA for HRIHFB2060, partial cds//1.5e-56:304:94//Hs.146282:AB015348
 R-NT2RP2001137
 30 R-NT2RP2001149//ESTs//5.1e-66:324:9711Hs.27475:AA704512
 R-NT2RP2001168//ESTs//2.0e-98:539:92//Hs.77870:AI188145
 R-NT2RP2001173//Homo sapiens mRNA for KIAA0480 protein, complete cds//1.5e-96:490:96//Hs.26247:
 AB007949
 R-NT2RP2001174//ESTs//2.2e-63:354:93//Hs.24266:R28287
 35 R-NT2RP2001196//ESTs//1.4e-83:463:93//Hs.124304:AA825510
 R-NT2RP2001218//ESTs//1.4e-100:506:96//Hs.93391:AI188402
 R-NT2RP2001226//EST//0.0074:154:63//Hs.128612:AA909358
 R-NT2RP2001233//TESTs, Highly similar to ZINC FINGER PROTEIN ZFP-36 [Homo sapiens]/3.7e-65:538:80//
 Hs.44014:AA632298
 40 R-NT2RP2001245//ESTs//5.2e-90:447:97//Hs.14559:H92996
 R-NT2RP2001268//Homo sapiens mRNA for KIAA0810 protein, partial cds//1.5e-112:544:97//Hs.7531:AB018353
 R-NT2RP2001277//ESTs//2.0e-81:387:99//Hs.13751:AA908229
 R-NT2RP2001290//ESTs//2.4e-91:501:92//Hs.12600:AA044775
 R-NT2RP2001295//ESTs//1.4e-70:337:99//Hs.123854:AA412665
 45 R-NT2RP2001312//ESTs//4.6e-53:276:95//Hs.7961:AA401205
 R-NT2RP2001327//ESTs, Moderately similar to tumor necrosis factor-alpha-induced protein B12 [H.sapiens]/
 2.3e-43:238:93//Hs.106632:N25679
 R-NT2RP2001328//ESTs//5.1e-99:499:96//Hs.34868:AI341138
 R-NT2RP2001347//ESTs//6.7e-05:100:77//Hs.9536:AA114178
 50 R-NT2RP2001378//ESTs//4.2e-83:456:93//Hs.10554:N50028
 R-NT2RP2001381//ESTs//1.1e-26:148:96//Hs.161859:AA444038
 R-NT2RP2001392//ESTs, Weakly similar to MITOCHONDRIAL LON PROTEASE HOMOLOG PRECURSOR [H.
 sapiens]/3.9e-74:411:93//Hs.47305:AA195153
 R-NT2RP2001394//ESTs//9.5e-54:305:93//Hs.70256:R07875
 55 R-NT2RP2001397//ESTs, Highly similar to G2/MITOTIC-SPECIFIC CYCLIN B2 [Mesocricetus auratus]/5.2e-97:
 469:97//Hs.20483:AA522505
 R-NT2RP2001420//ESTs//1.6e-49:228:88//Hs.163602:N32030
 R-NT2RP2001423//ESTs//2.0e-37:190:99//Hs.101565:R35431

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R-NT2RP2001427//EST//1.7e-1 1:107:84//Hs.148584:AI201728
R-NT2RP2001436//ESTs, Weakly similar to F02D8.3 [C.elegans]//2.9e-114:558:97//Hs.7627:AI341556
R-NT2RP2001440//EST//0.17:192:58//Hs.133442:AI061394
R-NT2RP2001445//ESTs//1.1e-43:215:100//Hs.145497:AA501453
5 R-NT2RP2001449//ESTs//4.1e-08:234:61//Hs.134067:AI076765
R-NT2RP2001450//ESTs//9.5e-65:356:94//Hs.61829:AI079539
R-NT2RP2001467//Small inducible cytokine A5 (RANTES)//1.2e-34:255:83//Hs.155464:AF088219
R-NT2RP2001506//ESTs//2.9e-23:170:88//Hs.7147:T23513
R-NT2RP2001511//ESTs//2.0e-08:59:100//Hs.57660:AA251146
10 R-NT2RP2001520//Homo sapiens mRNA for mitochondrial carrier protein ARALAR1//6.7e-106:545:95//Hs.4277:
Y14494
R-NT2RP2001526//ESTs//3.7e-23:295:72//Hs.8514:AF039240
R-NT2RP2001536//Homo sapiens X-ray repair cross-complementing protein 3 (XRCC3) mRNA, complete cds//
1.9e-15:99:95//Hs.99742:AF035586
15 R-NT2RP2001560//ESTs//2.2e-58:310:94//Hs.87454:AA732816
R-NT2RP2001569//Homo sapiens mRNA, chromosome 1 specific transcript KIAA0488//2.0e-76:387:96//Hs.
67619:AB007957
R-NT2RP2001576//Human mRNA for KIAA0105 gene, complete cds//0.17:193:60//Hs.119:D14661
R-NT2RP2001581//ESTs//5.1e-08:107:78//Hs.157114:T58884
20 R-NT2RP2001597//EST//5.2e-22:151:88//Hs.158613:AI369995
R-NT2RP2001601//ESTs//1.5e-78:373:99//Hs.137558:AI393767
R-NT2RP2001613
R-NT2RP2001628//EST//0.99:195:60//Hs.144238:W52294
R-NT2RP2001663//ESTs//4.0e-37:282:84//Hs.12319:W56090
25 R-NT2RP2001677//ESTs//1.4e-44:232:96//Hs.159387:AI370845
R-NT2RP2001678//ESTs//0.91:124:60//Hs.10593:AI201336
R-NT2RP2001699//EST//0.0033:230:61//Hs.146544:AI125323
R-NT2RP2001720//ESTs//1.8e-52:255:99//Hs.101064:AA290579
R-NT2RP2001721//ESTs//7.0e-101:479:99//Hs.129750:AA987538
30 R-NT2RP2001740//ESTs//3.3e-76:379:96//Hs.144704:AI147100
R-NT2RP2001748//ESTs//1.4e-44:352:81//Hs.142259:AA828840
R-NT2RP2001762//Homo sapiens exonuclease 1a (EXO1a) mRNA, complete cds//2.1e-105:519:96//Hs.47504:
AF091754
R-NT2RP2001813//ESTs//6.3e-78:406:95//Hs.21902:R44037
35 R-NT2RP2001861
R-NT2RP2001869//EST//2.8e-21:173:82//Hs.130321:AI002941
R-NT2RP2001876//ESTs//6.1e-102:526:95//Hs.4944:AA533088
R-NT2RP2001883//ESTs, Weakly similar to No definition line found [C.elegans]//6.9e-110:556:95//Hs.23159:
AA113849
40 R-NT2RP2001900//ESTs//6.9e-85:442:95//Hs.154220:AA171724
R-NT2RP2001907//ESTs//2.1e-82:432:94//Hs.142257:AA188423
R-NT2RP2001926//EST//2.3e-24:299:71//Hs.135085:AI097268
R-NT2RP2001936//ESTs//1.1e-45:265:92//Hs.112482:T66087
R-NT2RP2001943//EST//1.4e-05:246:61//Hs.144096:AI032180
45 R-NT2RP2001946//ESTs//3.6e-87:410:99//Hs.20242:W72594
R-NT2RP2001947//ESTs//1.9e-55:338:88//Hs.58582:T72588
R-NT2RP2001969
R-NT2RP2001976//ESTs//1.2e-98:499:95//Hs.121028:AA902745
R-NT2RP2001985//ESTs, Weakly similar to GTPASE-ACTIVATING PROTEIN SPA-1 [M.musculus]//8.3e-15:118:
50 89//Hs.18760:AA166678
R-NT2RP2002025//ESTs//2.1e-82:393:98//Hs.159488:AI378233
R-NT2RP2002032//ESTs//4.4e-98:531:91//Hs.93836:AA813332
R-NT2RP2002033//ESTs//3.5e-43:229:96//Hs.30563:AA102627
R-NT2RP2002041
55 R-NT2RP2002046//ESTs//1.6e-101:476:99//Hs.101107:AA825938
R-NT2RP2002047//ESTs//9.1e-85:431:95//Hs.116750:AA629895
R-NT2RP2002058//ESTs//1.3e-31:163:99//Hs.33085:AA258068
R-NT2RP2002066//ESTs//1.9e-87:459:93//Hs.118871:AA846091

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R-NT2RP2002070//ESTs//4.1e-63:332:96//Hs.156446:T92265
R-NT2RP2002076//Homo sapiens clone 24804 mRNA sequence//1.7e-26:178:87//Hs.11039:AF052183
R-NT2RP2002079//ESTs//1.2e-79:389:97//Hs.135214:AJ350524
R-NT2RP2002099//Homo sapiens mRNA for E1B-55kDa-associated protein//1.5e-60:376:89//Hs.155218:
5 AJ007509
R-NT2RP2002105//ESTs//8.4e-54:313:90//Hs.98702:AI123000
R-NT2RP2002124//ESTs//6.6e-81:431:93//Hs.127326:AA525134
R-NT2RP2002137//Deoxycytidine kinase//0.29:183:62//Hs.709:M60527
R-NT2RP2002154//ESTs//9.6e-97:539:91//Hs.18624:AA523268
10 R-NT2RP2002172//EST//0.69:53:75//Hs.156238:AI334495
R-NT2RP2002185//ESTs, Weakly similar to F15C11.2 [C.elegans]//1.4e-54:269:98//Hs.107201:W52859
R-NT2RP2002192//ESTs, Moderately similar to !!!! ALU SUBFAMILY J WARNING ENTRY !!!! [H.sapiens]//3.9e-
15:245:71//Hs.87578:AI125363
R-NT2RP2002193//ESTs//3.5e-79:45:3:90//Hs.76578:AI290672
15 R-NT2RP2002208//ESTs//2.0e-72:347:99//Hs.164028:AI003946
R-NT2RP2002219//EST//0.039:229:63//Hs.149830:AI287499
R-NT2RP2002231//ESTs//3.3e-64:337:94//Hs.79828:AA642341
R-nnnnnnnnnnnnn//ESTs, Highly similar to co-repressor protein [M.musculus]//5.4e-48:238:99//Hs.22583:
AA188168
20 R-NT2RP2002256//Homo sapiens retinoic acid hydroxylase mRNA, complete cds//1.6e-15:131:83//Hs.150595:
AF005418
R-NT2RP2002259//Human L-myc protein gene, complete cds//5.3e-99:548:91//Hs.92137:M19720
R-NT2RP2002270//ESTs, Weakly similar to AF-9 PROTEIN [H.sapiens]//4.8e-100:550:91//Hs.4029:Z78373
R-NT2RP2002292//ESTs, Weakly similar to F13B12.1 [C.elegans]//3.2e-92:482:93//Hs.5570:AI377863
25 R-NT2RP2002312//Homo sapiens CDP-diacylglycerol synthase 2 (CDS2) mRNA, partial cds//4.1e-103:527:94//
Hs.24812:AF069532
R-NT2RP2002316//ESTs//4.2e-91:425:100//Hs.3350:AI368015
R-NT2RP2002325//Homo sapiens peroxisomal biogenesis factor (PEX11a) mRNA, complete cds//1.2e-112:567:
95//Hs.31034:AB015594
30 R-NT2RP2002333//ESTs//1.9e-86:483:91//Hs.155198:AA767372
R-NT2RP2002385//Homo sapiens synaptic glycoprotein SC2 spliced variant mRNA, complete cds//1.2e-103:600:
89//Hs.109051:AF038958
R-NT2RP2002394//ESTs//0.11:158:65//Hs.28792:AI343467
R-NT2RP2002408//ESTs//1.5e-51:278:93//Hs.6044:W22815
35 R-NT2RP2002426//Homo sapiens mRNA for KIAA0563 protein, complete cds//1.7e-33:285:80//Hs.15731:
AB011135
R-NT2RP2002439//ESTs//3.2e-12:134:76//Hs.32246:AA464020
R-NT2RP2002457//ESTs//4.7e-52:282:94//Hs.21968:H97521
R-NT2RP2002464//ESTs//5.3e-27:148:98//Hs.115660:AI362230
40 R-NT2RP2002475//ESTs//3.9e-85:439:94//Hs.9873:W27233
R-nnnnnnnnnnnnn//Homo sapiens mRNA for ABC transporter 7 protein, complete cds//9.9e-115:605:92//Hs.
125856:AB005289
R-NT2RP2002498//ESTs//6.3e-37:227:93//Hs.108779:N73180
R-NT2RP2002503//ESTs//1.9e-54:358:86//Hs.57800:W60838
45 R-NT2RP2002504//Homo sapiens mRNA for KIAA0791 protein, complete cds//8.5e-107:583:91//Hs.23255:
AB018334
R-NT2RP2002520//ESTs//4.2e-99:509:94//Hs.32368:AA205305
R-NT2RP2002537//ESTs//4.2e-105:552:93//Hs.154363:AA533090
R-NT2RP2002546//Homo sapiens clone TUA8 Cri-du-chat region mRNA//2.6e-109:570:93//Hs.49476:AF009314
50 R-NT2RP2002549//DNA polymerase gamma//1.1e-35:189:86//Hs.80961:U60325
R-NT2RP2002591//ESTs, Weakly similar to ZINC FINGER PROTEIN 84 [H.sapiens]//7.5e-118:564:97//Hs.94549:
AA149547
R-NT2RP2002595//EST//1.4e-15:101:95//Hs.129528:AA994783
R-NT2RP2002606//ESTs//4.5e-99:475:98//Hs.45046:N40170
55 R-NT2RP2002609//ESTs//1.9e-104:568:92//Hs.9175:AI184220
R-NT2RP2002618//ESTs//0.014:493:57//Hs.96322:AA541615
R-NT2RP2002621//EST//4.4e-36:252:84//Hs.149580:AI281881
R-NT2RP2002643//ESTs//6.9e-32:247:74//Hs.33354:AA179944

R-NT2RP2002672
 R-NT2RP2002701//N-acetylglucosaminidase, alpha- (Sanfilippo disease IIIB//0.99:184:63//Hs.50727:U43572
 R-NT2RP2002706//EST//2.8e-41:148:86//Hs.161917:AA483223
 R-NT2RP2002710//EST//0.34:105:71//Hs.136747:AA749210
 5 R-NT2RP2002727//ESTs//8.7e-68:368:94//Hs.14366:T78626
 R-NT2RP2002736//ESTs//9.7e-98:457:99//Hs.74899:AA993300
 R-NT2RP2002740//Homo sapiens mRNA for KIAA0536 protein, partial cds//0.66:360:59//Hs.119139:AB011108
 R-NT2RP2002741//ESTs//3.1e-102:489:98//Hs.112024:AI042352
 R-NT2RP2002750//EST//3.6e-43:166:86//Hs.162404:AA573131
 10 R-NT2RP2002752//ESTs//5.0e-56:355:89//Hs.95867:M62042
 R-NT2RP2002753//ESTs//1.7e-49:262:96//Hs.49005:W89124
 R-NT2RP2002769//ESTs//1.3e-59:376:88//Hs.4046:H03587
 R-NT2RP2002778//Homo sapiens clone 24606 mRNA sequence//4.0e-65:341:94//Hs.17481:AF070537
 R-NT2RP2002800//ESTs//6.5e-08:79:84//Hs.153262:AA551124
 15 R-NT2RP2002839//ESTs, Moderately similar to !!!! ALU SUBFAMILY J WARNING ENTRY !!!! [H.sapiens]//1.6e-100:501:97//Hs.136202:AA206578
 R-NT2RP2002857//ESTs//4.3e-94:463:97//Hs.134292:AA603031
 R-NT2RP2002862//ESTs//2.3e-42:302:82//Hs.117969:H94870
 R-NT2RP2002880
 20 R-NT2RP2002891
 R-NT2RP2002925//ESTs//1.3e-103:564:92//Hs.142079:AA182894
 R-NT2RP2002928//ESTs//3.9e-108:502:99//Hs.29105:AA574143
 R-NT2RP2002929//ESTs//4.1e-106:499:99//Hs.44743:AA837096
 R-NT2RP2002954//ESTs//2.6e-88:417:99//Hs.100824:AI308771
 25 R-NT2RP2002959//ESTs//7.5e-101:489:97//Hs.32690:N57480
 R-NT2RP2002979//ESTs//5.4e-06:197:65//Hs.146726:AI147060
 R-NT2RP2002980//ESTs//1.0e-110:562:96//Hs.28444:AA083213
 R-NT2RP2002986//ESTs, Highly similar to RING CANAL PROTEIN [Drosophila melanogaster]//3.1e-119:578:97//Hs.106290:AI125291
 30 R-NT2RP2002987//Human mRNA for KIAA0331 gene, complete cds//1.0:78:74//Hs.146395:AB002329
 R-NT2RP2002993//ESTs, Weakly similar to DNA-DIRECTED RNA POLYMERASE II 140 KD POLYPEPTIDE [H.sapiens]//2.4e-98:467:98//Hs.86337:AA149311
 R-NT2RP2003000//ESTs//0.0070:400:61//Hs.138506:U85642
 R-NT2RP2003034//ESTs//9.3e-87:408:96//Hs.164042:H12594
 35 R-NT2RP2003073//Human transporter protein (g17) mRNA, complete cds//0.95:259:61//Hs.76460:U49082
 R-NT2RP2003099//Thromboxane A2 receptor//2.6e-42:328:81//Hs.89887:D38081
 R-NT2RP2003108//ESTs//2.3e-82:398:98//Hs.5105:AA115512
 R-NT2RP2003117//Human mRNA for KIAA0347 gene, complete cds//2.4e-49:336:86//Hs.101996:AB002345
 R-NT2RP2003121//ESTs//2.0e-75:380:96//Hs.133127:AA133355
 40 R-NT2RP2003125
 R-NT2RP2003129//EST//0.68:115:69//Hs.122196:AA780986
 R-NT2RP2003137//ESTs//2.1e-37:259:85//Hs.63169:N78506
 R-NT2RP2003161//ESTs//2.5e-88:451:96//Hs.29041:W37379
 R-NT2RP2003164//ESTs//4.3e-113:543:97//Hs.8980:AA629067
 45 R-NT2RP2003165//ESTs//6.9e-83:486:89//Hs.138632:H97952
 R-NT2RP2003177//ESTs//0.47:38:100//Hs.61790:AA421156
 R-NT2RP2003194//ESTs//4.7e-118:582:96//Hs.27266:AA053816
 R-NT2RP2003206//ESTs//0.032:388:58//Hs.122148:AA442074
 R-NT2RP2003230//ESTs//8.8e-103:478:99//Hs.40140:AI079253
 50 R-NT2RP2003237//ESTs//2.7e-76:392:96//Hs.106278:R37661
 R-NT2RP2003243//ESTs//3.6e-53:300:92//Hs.18793:AA192438
 R-NT2RP2003265//ESTs, Highly similar to protein NGD5 [M.musculus]//3.3e-110:557:96//Hs.24994:AA236937
 R-NT2RP2003272//ESTs, Weakly similar to F15C11.2 [C.elegans]//1.2e-34:228:89//Hs.107201:W52859
 R-NT2RP2003277//Homo sapiens mRNA for KIAA0625 protein, partial cds//1.4e-111:565:95//Hs.154919:AB014525
 55 R-NT2RP2003280//ESTs//2.6e-101:541:94//Hs.6982:AA622427
 R-NT2RP2003286//ESTs//1.2e-104:497:98//Hs.113052:AI222106
 R-NT2RP2003293//Human mRNA for KIAA0118 gene, partial cds//9.1e-44:458:74//Hs.154326:D42087

R-NT2RP2003295//Protein serine/threonine kinase stk2//0.31:321:57//Hs.1087:L20321
R-NT2RP2003297//ESTs//3.0e-15:118:87//Hs.16621:AA098874
R-NT2RP2003308//ESTs, Moderately similar to CROOKED NECK PROTEIN [Drosophila melanogaster]//4.8e-
109:553:96//Hs.26089:AA195126
R-NT2RP2003329//ESTs//0.99:208:62//Hs.143607:A1424948
R-NT2RP2003339//ESTs//1.3e-85:441:96//Rs.24115:N32618
R-NT2RP2003347//ESTs//1.5e-70:365:96//Hs.155773:A1312825
R-NT2RP2003367//EST//5.8e-80:376:100//Hs.112500:AA599014
R-NT2RP2003391//ESTs//2.8e-98:484:97//Hs.5842:AA534476
R-NT2RP2003393//ESTs//2.0e-96:510:93//Hs.75844:AA115502
R-NT2RP2003394//EST//5.2e-06:264:63//Hs.144234:W52249
R-NT2RP2003401//ESTs//6.1e-25:161:90//Hs.155360:AA984683
R-NT2RP2003433//ESTs, Highly similar to PROTEIN TRANSPORT PROTEIN SEC61 ALPHA SUBUNIT [Canis familiaris]//1.2e-106:508:98//Hs.131840:A1016073
R-NT2RP2003445//ESTs, Moderately similar to !!!! ALU SUBFAMILY J WARNING ENTRY !!!! [H.sapiens]//5.6e-
21:161:70//Hs.43153:N22360
R-NT2RP2003446//ESTs, Weakly similar to C27H6.4 [C.elegans]//6.0e-105:529:96//Hs.8055:W60903
R-NT2RP2003456//ESTs//7.5e-96:449:99//Hs.25362:A1277332
R-NT2RP2003480//ESTs//1.6e-116:583:96//Hs.59757:AA176121
R-NT2RP2003499//ESTs, Weakly similar to elastin like protein [D.melanogaster]//7.0e-71:365:95//Hs.101056:
R52777
R-NT2RP2003506//ESTs, Weakly similar to ORF YPL207w [S.cerevisiae]//2.3e-115:577:96//Hs.16277:N36831
R-NT2RP2003511//ESTs//1.6e-22:182:85//Hs.28249:AA203733
R-NT2RP2003513//Human mRNA for KIAA0270 gene, partial cds//1.3e-108:566:94//Hs.78482:Y16270
R-NT2RP2003517//Platelet-derived growth factor beta polypeptide (simian sarcoma viral (v-sis) oncogene ho-
molog)//4.9e-62:518:79//Hs.1976:M12783
R-NT2RP2003522//ESTs//2.0e-97:462:99//Hs.24512:D60170
R-NT2RP2003533//ESTs//4.4e-45:273:78//Hs.140225:AA704101
R-NT2RP2003543//EST//1.0:80:68//Hs.65646:F13684
R-NT2RP2003559//ESTs, Moderately similar to !!!! ALU SUBFAMILY J WARNING ENTRY !!!! [H.sapiens]//1.8e-
58:316:94//Hs.28891:W72439
R-NT2RP2003564//ESTs//3.2e-112:528:99//Hs.53940:N46696
R-NT2RP2003581//ESTs//1.3e-88:506:93//Hs.16157:AA203719
R-NT2RP2003596//ESTs, Weakly similar to No definition line found [C.elegans]//4.7e-101:495:98//Hs.34627:
AA126463
R-NT2RP2003604//Homo sapiens alpha-catenin related protein (ACRP) mRNA, complete cds//1.7e-103:501:97//
Hs.58488:U97067
R-NT2RP2003629//EST//0.032:440:59//Hs.135297:A1038981
R-NT2RP2003643//ESTs, Weakly similar to HYPOTHETICAL 14.1 KD PROTEIN IN MURZ-RPON INTERGENIC
REGION [E.coli]//9.1e-62:359:92//Hs.12492:AA203188
R-NT2RP2003668//EST//9.4e-110:535:97//Hs.116279:AA628951
R-NT2RP2003687//EST//5.9e-05:196:65//Hs.139064:AA135523
R-NT2RP2003691//ESTs, Weakly similar to F59C6.9 [C.elegans]//1.0:202:62//Hs.65539:A1148540
R-NT2RP2003702//ESTs, Moderately similar to ovarian-specific protein [R.norvegicus]//4.3e-99:492:96//Hs.
93332:AA811920
R-NT2RP2003704//ESTs//1.0:155:63//Hs.104166:AA740246
R-NT2RP2003706//Homo sapiens mRNA for KIAA0525 protein, partial cds//8.4e-47:265:93//Hs.78494:AB011097
R-NT2RP2003713//EST//0.81:210:59//Hs.14551:T79401
R-NT2RP2003714//ESTs//1.7e-99:495:96//Hs.158101:A1365003
R-nnnnnnnnnnnnnn/Human 19.8 kDa protein mRNA, complete cds//0.84:221:60//Hs.2384:U18914
R-NT2RP2003737//ESTs, Highly similar to UBIQUITIN-CONJUGATING ENZYME E2-17 KD [Caenorhabditis el-
egans]//2.4e-50:302:90//Hs.19196:W74577
R-NT2RP2003751
R-NT2RP2003760//ESTs//2.6e-101:548:93//Hs.115987:AA483808
R-NT2RP2003764//ESTs//8.2e-25:134:98//Hs.64036:AA127709
R-NT2RP2003769//ESTs//1.7e-108:545:95//Hs.56847:AA541606
R-NT2RP2003770//Homo sapiens sperm acrosomal protein mRNA, complete cds//6.0e-106:531:96//Hs.90436:
AF047437

R-NT2RP2003777//ESTs//2.6e-59:323:94//Hs.10101:AI381811
R-NT2RP2003781//ESTs//2.0e-25:269:75//Hs.144951:N34836
R-NT2RP2003793//ESTs//8.7e-94:466:97//Hs.93949:AA782955
R-NT2RP2003840//ESTs//3.4e-97:533:93//Hs.16130:AA195077
5 R-NT2RP2003857//H.sapiens mRNA for G9a//2.8e-23:351:65//Hs.75196:X69838
R-NT2RP2003859//ESTs//3.0e-07:96:81//Hs.153262:AA551124
R-NT2RP2003871//ESTs//1.9e-102:509:97//Hs.25726:AA430167
R-NT2RP2003885//ESTs//1.0e-102:502:97//Hs.36353:AA702341
R-NT2RP2003912//EST//1.2e-38:336:76//Hs.134975:AI094611
10 R-NT2RP2003952//Homo sapiens DNA-binding protein (CROC-1B) mRNA, complete cds//0.90:190:60//Hs.
75875:U49278
R-NT2RP2003968//Homo sapiens hUBP mRNA for ubiquitin specific protease, complete cds//7.6e-116:568:97//
Hs.35086:AB014458
R-NT2RP2003976//Homo sapiens mRNA for KIAA0447 protein, complete cds//3.6e-109:540:97//Hs.7302:
15 AB007916
R-NT2RP2003981//Homo sapiens mRNA for KIAA0804 protein, partial cds//2.5e-115:568:96//Hs.7316:AB018347
R-NT2RP2003984
R-NT2RP2003986//ESTs//4.9e-36:272:82//Hs.158268:AA738087
R-NT2RP2003988//ESTs, Weakly similar to reverse transcriptase [H.sapiens]//3.2e-110:519:99//Hs.36093:
20 AI149968
R-NT2RP2004014//ESTs//8.4e-102:483:99//Hs.22867:AI417478
R-NT2RP2004041
R-NT2RP2004042//ESTs//1.5e-105:466:97//Hs.7296:N29706
R-nnnnnnnnnnnn//ESTs//1.4e-110:559:96//Hs.71916:AA219699
25 R-NT2RP2004081//ESTs//3.7e-105:503:98//Hs.27542:AA977204
R-NT2RP2004098//EST//7.3e-26:203:87//Hs.21897:R41461
R-NT2RP2004124//ESTs//1.1e-83:435:95//Hs.43299:N23036
R-NT2RP2004142//EST//1.3e-06:165:65//Hs.146742:AI147500
R-NT2RP2004152//ESTs//7.0e-98:455:100//Hs.17731:AI342241
30 R-NT2RP2004165//ESTs, Highly similar to DYNEIN BETA CHAIN, CILIARY [Anthocidaris crassispina]//1.0e-118:
583:97//Hs.16520:AI224533
R-NT2RP2004170//ESTs//6.7e-66:407:88//Hs.157138:AI348544
R-NT2RP2004172//ESTs//1.5e-109:567:95//Hs.159091:AA033974
R-NT2RP2004187//ESTs//3.6e-92:488:93//Hs.22954:W26589
35 R-NT2RP2004194//ESTs//6.2e-114:585:95//Hs.18778:AA203167
R-NT2RP2004196
R-NT2RP2004207//ESTs//6.3e-102:488:98//Hs.22678:AA604756
R-NT2RP2004226//ESTs//8.8e-18:252:71//Hs.11924:W26972
R-NT2RP2004232//ESTs, Highly similar to protein kinase C mu [H.sapiens]//5.2e-105:499:98//Hs.143460:
40 AA483305
R-NT2RP2004239//ESTs//1.2e-16:171:80//Hs.16134:AA203116
R-NT2RP2004240//Homo sapiens antigen NY-CO-1 (NY-CO-1) mRNA, complete cds//3.4e-103:530:93//Hs.
54900:AF039687
R-NT2RP2004242//ESTs//1.3e-85:460:93//Hs.104535:AA211483
45 R-NT2RP2004245//ESTs//6.4e-117:575:97//Hs.23744:AA035744
R-NT2RP2004270//ESTs//1.0:95:69//Hs.141371:H92187
R-NT2RP2004300//ESTs//4.4e-80:379:99//Hs.130874:AA905056
R-NT2RP2004316//Homo sapiens EXT-like protein 2 (EXTL2) mRNA, complete cds//4.7e-110:544:96//Hs.61152:
AF000416
50 R-NT2RP2004321//ESTs//2.1e-18:104:99//Hs.107207:AA044788
R-NT2RP2004339//EST//1.4e-47:309:86//Hs.161917:AA483223
R-NT2RP2004347
R-NT2RP2004364//ESTs//1.1e-113:566:96//Hs.25880:AI268173
R-NT2RP2004365//ESTs//0.022:271:62//Hs.38897:AI129310
55 R-NT2RP2004366//ESTs//9.5e-71:335:100//Hs.91867:AI218624
R-NT2RP2004373//ESTs//4.2e-25:172:87//Hs.83243:N32192
R-NT2RP2004389//ESTs, Highly similar to HYPOTHETICAL 70.7 KD PROTEIN F09G8.3 IN CHROMOSOME III
[Caenorhabditis elegans]//1.4e-11:108:82//Hs.30490:AA146916

R-NT2RP2004392//ESTs//3.4e-81:427:94//Hs.5827:AA581646
 R-NT2RP2004396//EST//5.6e-06:100:77//Hs.138623:H92473
 R-NT2RP2004399//EST//0.98:337:59//Hs.118446:N67900
 R-NT2RP2004400//ESTs//2.1e-90:422:100//Hs.152460:AA602921
 5 R-NT2RP2004412//ESTs//1.4e-105:503:98//Hs.15929:AA403121
 R-NT2RP2004425//EST//0.00017:225:60//Hs.146935:AI168124
 R-NT2RP2004476//ESTs//1.4e-88:477:94//Hs.4859:N29695
 R-NT2RP2004490//Homo sapiens 3-phosphoinositide dependent protein kinase-1 (PDK1) mRNA, complete cds//
 8.6e-34:143:98//Hs.154729:AF017995
 10 R-NT2RP2004512//ESTs//2.6e-91:426:100//Hs.94133:AI270700
 R-NT2RP2004523//ESTs//1.6e-74:377:97//Hs.14217:R61320
 R-NT2RP2004538//Thromboxane A2 receptor//1.4e-45:279:89//Hs.89887:D38081
 R-NT2RP2004551//ESTs//0.47:147:66//Hs.131519:AI024347
 R-NT2RP2004568//ESTs//1.3e-107:567:94//Hs.65234:AA195470
 15 R-NT2RP2004580//ESTs//5.9e-29:156:98//Hs.147801:AI221661
 R-NT2RP2004587//ESTs//1.0e-102:495:97//Hs.91662:AA781126
 R-NT2RP2004594//ESTs//4.1e-56:298:95//Hs.24641:AA954666
 R-NT2RP2004600//ESTs//4.8e-67:374:93//Hs.49762:N69862
 R-NT2RP2004602//ESTs, Weakly similar to !!!! ALU SUBFAMILY J WARNING ENTRY !!!! [H.sapiens]//4.5e-07:
 20 149:76//Hs.12845:N28835
 R-NT2RP2004614//ESTs//1.0e-111:557:96//Hs.37892:N53497
 R-NT2RP2004655//Homo sapiens mRNA for leucine rich protein//2.4e-118:587:96//Hs.5198:AJ006291
 R-NT2RP2004664//Homo sapiens mRNA for KIAA0460 protein, partial cds//5.9e-107:520:96//Hs.29956:
 AB007929
 25 R-NT2RP2004675//ESTs//2.7e-82:407:97//Hs.116113:F18930
 R-NT2RP2004681//NUCLEOLIN//0.34:387:58//Hs.79110:M60858
 R-NT2RP2004689//Homo sapiens mRNA for KIAA0625 protein, partial cds//5.0e-120:600:96//Hs.154919:
 AB014525
 R-NT2RP2004709//ESTs//1.1e-106:511:98//Hs.38034:AI149793
 30 R-NT2RP2004710//ESTs//9.9e-87:477:93//Hs.6834:AA203433
 R-NT2RP2004736//Homo sapiens mRNA for KIAA0478 protein, complete cds//1.3e-118:594:96//Hs.4236:
 AB007947
 R-NT2RP2004743//ESTs//2.1e-48:327:88//Hs.43635:AA447015
 R-NT2RP2004767//EST//4.0e-57:328:81//Hs.142796:N51423
 35 R-NT2RP2004775//ESTs//9.4e-60:326:94//Hs.115339:AA136774
 R-NT2RP2004791//ESTs//3.2e-82:367:96//Hs.141911:N64013
 R-NT2RP2004799//Homo sapiens ATP-specific succinyl-CoA synthetase beta subunit (SCS) mRNA, partial cds//
 8.0e-116:564:96//Hs.40820:AF058953
 R-NT2RP2004802//ESTs//6.5e-111:586:94//Hs.90375:W74579
 40 R-NT2RP2004816//Homo sapiens H beta 58 homolog mRNA, complete cds//8.7e-120:584:97//Hs.67052:
 AF054179
 R-NT2RP2004841//EST//3.8e-31:323:74//Hs.147714:AI219906
 R-NT2RP2004861//EST//0.92:147:63//Hs.23064:R20803
 R-NT2RP2004897//ESTs//1.7e-46:390:80//Hs.139225:H96567
 45 R-NT2RP2004936//EST//0.97:176:63//Hs.137436:AA280529
 R-ntnnnnnnnnnn//ESTs//0.059:137:64//Hs.144109:AI345543
 R-NT2RP2004961//ESTs//1.8e-87:409:100//Hs.138297:AA781941
 R-NT2RP2004962//ESTs//0.0021:292:59//Hs.145917:AI275458
 R-NT2RP2004967//Human mRNA for KIAA0118 gene, partial cds//7.4e-51:506:75//Hs.154326:D42087
 50 R-NT2RP2004978//ESTs//0.95:138:63//Hs.13619:W93496
 R-NT2RP2004982//ESTs//7.8e-95:468:97//Hs.22545:R43910
 R-NT2RP2004985
 R-NT2RP2004999//ESTs//2.9e-94:450:98//Hs.128766:AI419902
 R-NT2RP2005000
 55 R-NT2RP2005001//Homo sapiens mRNA for KIAA0615 protein, complete cds//9.6e-113:577:95//Hs.155972:
 AB014515
 R-NT2RP2005003//EST//1.3e-75:387:96//Hs.140843:R42235
 R-ntnnnnnnnnnn//Homo sapiens SEC63 (SEC63) mRNA, complete cds//3.1e-116:568:97//Hs.31575:AF100141

R-NT2RP2005018//ESTs//7.5e-46:280:90//Hs.126857:AA932161
 R-NT2RP2005020//ESTs//1.6e-105:554:94//Hs.14846:AA148507
 R-NT2RP2005031//EST//3.1e-79:379:99//Hs.139709:AA227887
 R-NT2RP2005037//ESTs//5.3e-102:551:93//Hs.26516:AA195220
 5 R-NT2RP2005038//ESTs//5.8e-101:566:92//Hs.46964:N49757
 R-NT2RP2005108
 R-NT2RP2005116//Homo sapiens mRNA for KIAA0664 protein, partial cds//2.7e-105:518:97//Hs.22616:AB014564
 R-NT2RP2005126//H.sapiens mRNA for RNA helicase (Myc-regulated dead box protein)//4.6e-69:464:85//Hs.100555:X98743
 10 R-NT2RP2005139//ESTs//1.0e-108:545:95//Hs.21006:AA523383
 R-NT2RP2005140//ESTs//4.3e-90:422:99//Hs.62180:AI341261
 R-NT2RP2005144//ESTs//0.91:162:62//Hs.52399:AI075744
 R-NT2RP2005147//ESTs//4.6e-100:502:96//Hs.27931:AA633438
 15 R-NT2RP2005159//ESTs//7.5e-105:533:95//Hs.109819:AI357582
 R-NT2RP2005162//ESTs//6.6e-83:419:96//Hs.113998:H50648
 R-NT2RP2005168//Homo sapiens mRNA for E1B-55kDa-associated protein//2.4e-101:513:95//Hs.155218:AJ007509
 R-NT2RP2005204//ESTs, Weakly similar to UBIQUITIN-ACTIVATING ENZYME E1 HOMOLOG [H.sapiens]//1.9e-115:577:96//Hs.7600:H98166
 20 R-NT2RP2005227//Homo sapiens UM protein mRNA, complete cds//1.0e-45:359:82//Hs.154103:AF061258
 R-NT2RP2005239//ESTs, Highly similar to NIFS-LIKE 54.5 KD PROTEIN [Saccharomyces cerevisiae]//1.0e-47:245:97//Hs.21090:AA418587
 R-NT2RP2005254//ESTs//3.3e-111:581:94//Hs.22549:AA524503
 25 R-NT2RP2005270//ESTs, Highly similar to HYPOTHETICAL 67.6 KD PROTEIN ZK637.3 IN CHROMOSOME III [Caenorhabditis elegans]//1.1e-79:412:95//Hs.23047:N66596
 R-NT2RP2005276//ESTs//4.6e-85:426:96//Hs.24550:AA316272
 R-NT2RP2005287//ESTs//1.7e-109:565:94//Hs.61976:AI279001
 R-NT2RP2005288//Homo sapiens RCC1-like G exchanging factor RLG mRNA, complete cds//2.4e-125:594:98//Hs.27007:AF060219
 30 R-NT2RP2005289//Homo sapiens mRNA for XPR2 protein//4.9e-112:545:96//Hs.44766:AJ007590
 R-NT2RP2005293//ESTs//5.1e-116:538:99//Hs.62180:AI341261
 R-NT2RP2005315//ESTs//1.4e-82:415:97//Hs.155829:AA018338
 R-NT2RP2005325//Human LIM-homeobox domain protein (hLH-2) mRNA, complete cds//2.5e-45:272:91//Hs.1569:U11701
 35 R-NT2RP2005336//ESTs//1.9e-93:444:99//Hs.110966:AA151699
 R-NT2RP2005 344//Homo sapiens GDP-L-fucose pyrophosphorylase (GFPP) mRNA, complete cds//0.011:463:58//Hs.150926:AF017445
 R-NT2RP2005354//ESTs//7.2e-22:148:91//Hs.153783:H14544
 40 R-NT2RP2005360//ESTs//0.048:225:60//Hs.7602:AA099247
 R-NT2RP2005393//Homo sapiens mRNA for KIAA0761 protein, partial cds//2.9e-41:248:82//Hs.93121:AB018304
 R-NT2RP2005407//ESTs, Weakly similar to OSH1 PROTEIN [Saccharomyces cerevisiae]//2.5e-75:461:88//Hs.70849:AA121697
 R-NT2RP2005436//ESTs, Weakly similar to HYPOTHETICAL 37.0 KD PROTEIN B0495.8 IN CHROMOSOME II [C.elegans]//8.1e-96:491:95//Hs.7194:AI185631
 45 R-NT2RP2005441//ESTs//1.1e-110:548:96//Hs.5209:AA780068
 R-NT2RP2005453//ESTs//0.94:352:58//Hs.25870:H14423
 R-NT2RP2005457//ESTs//2.1e-46:236:97//Hs.19522:AA975096
 R-NT2RP2005464//ESTs//1.8e-72:349:99//Hs.44045:N51307
 50 R-NT2RP2005465//ESTs//0.0058:322:58//Hs.127009:AI378936
 R-NT2RP2005472//ESTs//0.47:309:60//Hs.144838:AI222019
 R-NT2RP2005476//ESTs//5.1 e-40:205:9811Hs.101577:AI168526
 R-NT2RP2005490//ESTs//L3e-70:364:96//Hs.134382:AA083573
 R-NT2RP2005491//EST//0.012:220:60//Hs.144448:AA812455
 55 R-NT2RP2005495//ESTs//1.2e-86:501:91//Hs.99445:R93540
 R-NT2RP2005496//ESTs//3.2e-34:263:81//Hs.70279:AA757426
 R-NT2RP2005498//ESTs, Highly similar to PROTEIN PHOSPHATASE PP2A, 55 KD REGULATORY SUBUNIT, NEURONAL ISOFORM [Oryctolagus cuniculus]//2.3e-45:284:88//Hs.85752:AI138993

R-NT2RP2005501//ESTs//2.5e-84:404:98//Hs.143812:AI141755
 R-NT2RP2005509//ESTs, Highly similar to HYPOTHETICAL 37.2 KD PROTEIN C12C2.09C IN CHROMOSOME
 I [Schizosaccharomyces pombe]//8.2e-36:215:92//Hs.5298:AA725071
 5 R-NT2RP2005520//Homo sapiens chromosome-associated protein-E (hCAP-E) mRNA, complete cds//3.2e-110:
 570:9411Hs.119023:AF092563
 R-NT2RP2005525//ESTs, Weakly similar to !!!! ALU SUBFAMILY SQ WARNING ENTRY !!!! [H.sapiens]//1.3e-84:
 433:95//Hs.36942:AA524535
 R-NT2RP2005531//EST//0.98:64:70//Hs.146573:AI139856
 R-NT2RP2005539//Homo sapiens mRNA for NS1-binding protein (NS1-BP)//8.8e-108:560:94//Hs.159597:
 10 AJ012449
 R-NT2RP2005540//Homo sapiens mRNA for KIAA0494 protein, complete cds//1.7e-115:583:96//Hs.62515:
 AB007963
 R-NT2RP2005549//EST//0.61:111:62//Hs.147482:AI215572
 R-NT2RP2005555//ESTs//6.6e-108:507:99//Hs.68613:AI357567
 15 R-NT2RP2005557//ESTs//3.1e-105:495:99//Hs.105985:AA885169
 R-NT2RP2005581//ESTs//1.7e-79:445:92//Hs.138152:H03240
 R-NT2RP2005600//ESTs//1.3e-38:192:100//Hs.48329:W92733
 R-NT2RP2005605//ESTs//7.6e-87:409:99//Hs.45005:AA975060
 R-NT2RP2005620//ESTs//2.9e-96:463:97//Hs.7407:AI376788
 20 R-NT2RP2005622//ESTs//1.8e-104:497:98//Hs.22595:AA394229
 R-NT2RP2005637//EST//2.5e-20:163:71//Hs.161164:AI418211
 R-NT2RP2005640//ESTs//5.0e-99:473:98//Hs.23467:AA708740
 R-NT2RP2005645//ESTs//9.5e-23:231:77//Hs.5534:AA195173
 R-NT2RP2005651//ESTS, Highly similar to XFIN PROTEIN [Xenopus laevis]//2.9e-103:525:96//Hs.70589:
 25 AA868470
 R-NT2RP2005654//Insulin-like growth factor binding protein 2//0.94:223:60//Hs.162:X16302
 R-NT2RP2005669//Homo sapiens nitrilase 1 (VIII) mRNA, complete cds//2.7e-14:87:100//Hs.146406:AF069987
 R-NT2RP2005675//Homo sapiens growth suppressor related (DOC-1R) mRNA, complete cds//5.8e-91:434:98//
 Hs.25664:AF089814
 30 R-NT2RP2005683//ESTs//1.5e-98:494:96//Hs.22595:AA394229
 R-NT2RP2005690//ESTs//4.8e-43:286:86//Hs.150727:AI292236
 R-NT2RP2005694//EST//3.1e-82:386:100//Hs.149391:AI273643
 R-NT2RP2005701//ESTs, Highly similar to BUTYROPHILIN PRECURSOR [Bos tauros]//2.8e-68:376:93//Hs.
 9095:AA532630
 35 R-NT2RP2005712//Homo sapiens mRNA for KIAA0799 protein, partial cds//1.3e-105:503:98//Hs.61638:
 AB018342
 R-NT2RP2005719//ESTs, Weakly similar to GPI-anchored protein p137 precursor [H.sapiens]//5.4e-105:500:98//
 Hs.14298:AI417523
 R-NT2RP2005722//EST//6.5e-76:395:94//Hs.142150:AA223982
 40 R-NT2RP2005723//ESTs//1.5e-84:452:93//Hs.91753:R44455
 R-NT2RP2005726//ESTs//3.5e-64:500:82//Hs.100526:AI223153
 R-NT2RP2005741//ESTs//4.7e-60:333:93//Hs.107242:R40258
 R-NT2RP2005748//ESTs//3.4e-102:498:97//Hs.82660:N78064
 R-NT2RP2005752//Homo sapiens TNFR-related death receptor-6 (DR6) mRNA, complete cds//4.3e-42:223:96//
 45 Hs.159651:AF068868
 R-NT2RP2005753//Homo sapiens I-1 receptor candidate protein mRNA, complete cds//1.2e-104:494:98//Hs.
 26285:AF082516
 R-NT2RP2005763//ESTs//1.1e-97:456:99//Hs.65412:AI362163
 R-NT2RP2005767//ESTs//8.0e-38:204:96//Hs.18460:AA193463
 50 R-NT2RP2005773//ESTs, Highly similar to PYRROLINE-5-CARBOXYLATE REDUCTASE [Homo sapiens]//5.4e-
 112:559:96//Hs.14214:AI189379
 R-NT2RP2005775//ESTs, Highly similar to NEUROLYSIN PRECURSOR [Sus scrofa]//3.0e-108:544:96//Hs.
 22151:AI214321
 R-NT2RP2005781//ESTs//1.7e-43:217:99//Hs.144391:AA365664
 55 R-NT2RP2005784//EST//0.0071:217:60//Hs.117332:AA699724
 R-NT2RP2005804//ESTs//8.8e-107:512:98//Hs.15496:W44398
 R-NT2RP2005812//ESTs//9.0e-76:359:99//Hs.113937:AI298746
 R-NT2RP2005815//ESTs//5.5e-76:363:99//Hs.136230:AA594981

R-NT2RP2005835//ESTs//1.5e-100:541:94//Hs.86813:N25122
 R-NT2RP2005841//ESTs//2.8e-105:556:92//Hs.69993:AA628403
 R-NT2RP2005853//EST//2.0e-13:219:70//Hs.134016:AI076062
 R-NT2RP2005857//ESTs//1.0e-115:576:96//Hs.30663:AI338462
 5 R-NT2RP2005859//ESTs//7.3e-116:571:97//Hs.85986:AA195105
 R-NT2RP2005868//EST//0.00023:320:61//Hs.149689:AI284133
 R-NT2RP2005890//ESTs//1.0e-96:466:98//Hs.122579:AA766315
 R-NT2RP2005901//ESTs//8.3e-116:548:98//Hs.66296:AI125268
 R-NT2RP2005908//ESTs, Weakly similar to weakly similar to gastrula zinc finger protein [C.elegans]//2.4e-73:397:
 10 94//Hs.16667:T92427
 R-NT2RP2005933//ESTs, Highly similar to nucleoporin p54 [R.norvegicus]//2.8e-114:560:97//Hs.9082:AA873170
 R-NT2RP2005942//ESTs//5.6e-117:582:96//Hs.146123:AI338419
 R-NT2RP2005980//ESTs//6.9e-101:478:98//Hs.43145:AA776988
 R-NT2RP2006023//Homo sapiens PYRIN (MEFV) mRNA, complete cds//8.5e-51:398:80//Hs.113283:AF018080
 15 R-NT2RP2006038//ESTs//0.025:284:59//Hs.97852:AA404347
 R-NT2RP2006043//ESTs, Weakly similar to HYPOTHETICAL 37.0 KD PROTEIN B0495.8 IN CHROMOSOME II
 [C.elegans]//1.2e-50:278:94//Hs.7194:AI185631
 R-NT2RP2006052//ESTs//5.0e-52:272:95//Hs.99545:AA461492
 R-NT2RP2006069//ESTs//1.8e-90:495:93//Hs.43654:AA522714
 20 R-NT2RP2006071//ESTs//1.5e-38:218:94//Hs.107882:W72093
 R-NT2RP2006098//ESTs//2.9e-105:540:95//Hs.26860:N56918
 R-NT2RP2006100//Human organic anion transporting polypeptide (OATP) mRNA, complete cds//0.031:254:62//
 Hs.46440:U21943
 R-NT2RP2006103//ESTs//1.5e-86:416:98//Hs.152114:AA401365
 25 R-NT2RP2006141//ESTs//5.3e-88:432:98//Hs.77480:AA100522
 R-NT2RP2006166//Homo sapiens LIM protein mRNA, complete cds//2.8e-17:255:72//Hs.154103:AF061258
 R-NT2RP2006184//ESTs//8.4e-101:487:98//Hs.58009:W69435
 R-NT2RP2006186//Homo sapiens mRNA for KIAA0654 protein, partial cds//6.1e-110:553:95//Hs.109299:
 AB014554
 30 R-NT2RP2006196//Human clone 23960 mRNA sequence//0.0037:48:100//Hs.151293:U79276
 R-NT2RP2006200//ESTs//6.5e-77:398:96//Hs.163953:R01398
 R-NT2RP2006219//H.sapiens mRNA for DGCR6 protein//1.2e-94:532:90//Hs.153910:X96484
 R-NT2RP2006237//ESTs//1.2e-57:305:95//Hs.86149:AI341312
 R-NT2RP2006238//ESTs, Highly similar to rA8 [R.norvegicus]//1.5e-29:183:91//Hs.4048:AA404253
 35 R-NT2RP2006258//ESTs//3.2e-87:462:94//Hs.141556:N49928
 R-NT2RP2006261//ESTs//3.4e-57:3 26:92//Hs.22523:W02999
 R-NT2RP2006312//Homo sapiens BAF57 (BAF57) gene, complete cds//4.7e-96:481:97//Hs.3404:AF035262
 R-NT2RP2006320//EST//3.4e-21:335:65//Hs.141603:N66015
 R-NT2RP2006321//ESTs, Moderately similar to karyopherin beta 3 [H.sapiens]//1.9e-89:460:96//Hs.21889:
 40 N78664
 R-NT2RP2006323//ESTs//3.5e-91:439:98//Hs.61697:AI081771
 R-NT2RP2006333//ESTs//4.9e-38:301:82//Hs.155999:AA196412
 R-NT2RP2006334//EST//3.1e-45:264:91//Hs.149599:AI282321
 R-NT2RP2006365//ESTs//2.9e-81:417:95//Hs.11814:W44411
 45 R-NT2RP2006393//Cytochrome P450, subfamily I (aromatic compound-inducible), polypeptide 2//3.9e-48:403:
 77//Hs.1361:M55053
 R-NT2RP2006436//Homo sapiens mRNA for small GTP-binding protein, complete cds//1.4e-27:155:76//Hs.
 115325:D84488
 R-NT2RP2006441//ESTs//6.0e-108:529:97//Hs.101282:N45092
 50 R-NT2RP2006454//ESTs//9.2e-20:110:99//Hs.144687:AI341146
 R-NT2RP2006456//ESTs//7.1e-91:508:92//Hs.12488:W63595
 R-NT2RP2006464//Homo sapiens mRNA for AND-1 protein//2.1e-109:524:97//Hs.72160:AJ006266
 R-NT2RP2006467//EST//0.99:140:61//Hs.146958:AI174478
 R-NT2RP2006472//ESTs//3.3e-92:473:95//Hs.29216:AA916679
 55 R-NT2RP2006534//ESTs//1.2e-83:394:99//Hs.162116:AA524947
 R-NT2RP2006554//ESTs//1.0e-87:460:95//Hs.47095:AA181474
 R-NT2RP2006565//ESTs//3.2e-24:129:100//Hs.13499:AI299886
 R-NT2RP2006571//ESTs//2.6e-56:306:94//Hs.98370:AA316622

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R-nnnnnnnnnnn//ESTs//2.0e-112:533:98//Hs.18685:AI393829
R-NT2RP2006598//ESTs, Weakly similar to retinoid X receptor interacting protein [M.musculus]//4.1e-109:542:97//Hs.7889:AI337112
R-NT2RP3000002//ESTs//1.3e-08:399:59//Hs.126044:AI301598
5 R-NT2RP3000031//Homo sapiens mRNA for histone deacetylase-like protein (JM21)//1.9e-116:560:97//Hs.6764:AJ011972
R-NT2RP3000046//Small inducible cytokine A5 (RANTES)//1.9e-57:312:85//Hs.155464:AF088219
R-NT2RP3000047//EST//0.91:130:66//Hs.140208:AA702213
R-NT2RP3000050//ESTs, Weakly similar to putative p150 [H.sapiens]//3.1e-41:249:90//Hs.156155:AI222202
10 R-NT2RP3000055//EST//2.4e-19:146:86//Hs.160497:AI255095
R-NT2RP3000072//ESTs//2.2e-82:424:96//Hs.21542:N49574
R-NT2RP3000080//ESTs//2.1e-29:186:89//Hs.153372:AA424029
R-NT2RP3000085//ESTs//4.5e-101:482:98//Hs.47649:AA838715
R-NT2RP3000109//ESTs//9.5e-97:455:99//Hs.17731:AI342241
15 R-NT2RP3000134//EST//4.7e-106:497:99//Hs.125531:AA884000
R-NT2RP3000142//Homo sapiens mRNA for KIAA0592 protein, partial cds//1.2e-116:578:96//Hs.13273:AB011164
R-NT2RP3000149//ESTs//7.7e-62:361:90//Hs.6649:N93418
R-NT2RP3000186
20 R-NT2RP3000197//ESTs//1.5e-75:436:91//Hs.140931:R51882
R-NT2RP3000207//ESTs//1.3e-98:468:98//Hs.126908:AA933091
R-NT2RP3000220//ESTs//2.2e-27:144:99//Hs.106861:R61306
R-NT2RP3000233//EST//7.8e-77:368:99//Hs.49075:N64817
R-NT2RP3000235//ESTs//0.43:82:74//Hs.132828:AI032819
25 R-NT2RP3000247//EST//2.2e-97:459:99//Hs.127928:AA969239
R-NT2RP3000251
R-NT2RP3000252//ESTs, Weakly similar to Lpg15p [S.cerevisiae]//2.0e-108:532:97//Hs.111086:AI379177
R-NT2RP3000255//EST//0.67:93:67//Hs.120579:AA743073
R-NT2RP3000267//ESTs//8.5e-108:542:95//Hs.24984:AA534446
30 R-NT2RP3000299//ESTs, Weakly similar to enhancer of filamentation 1 [H.sapiens]//3.6e-103:516:96//Hs.4894:AI191323
R-NT2RP3000312//ESTs//1.3e-100:493:97//Hs.29379:AI094117
R-NT2RP3000320//ESTs//3.2e-95:538:91//Hs.118793:AA192438
R-NT2RP3000324
35 R-NT2RP3000333//ESTs//6.0e-39:194:100//Hs.119238:AA476267
R-NT2RP3000341//ESTs//0.51:251:61//Hs.94090:AA777689
R-NT2RP3000348//EST//1.8e-80:389:98//Hs.145944:AI276225
R-NT2RP3000350//ESTs, Weakly similar to Lpg15p [S.cerevisiae]//3.1e-110:556:96//Hs.111086:AI379177
R-NT2RP3000359//EST//4.9e-61:340:92//Hs.126495:AA913741
40 R-NT2RP3000361//ESTs, Weakly similar to PRE-MRNA SPLICING FACTOR PRP6 [S.cerevisiae]//4.8e-91:439:97//Hs.31334:AI144423
R-NT2RP3000366//EST//0.20:392:57//Hs.149652:AI283303
R-NT2RP3000397//EST//8.7e-26:150:94//Hs.124617:AA855106
R-NT2RP3000403//Homo sapiens formin binding protein 21 mRNA, complete cds//4.2e-111:529:98//Hs.28307:AF071185
45 R-NT2RP3000418//EST//3.3e-09:202:67//Hs.117189:AA682947
R-NT2RP3000433
R-NT2RP3000439//ESTs//3.1e-79:426:92//Hs.26548:W26340
R-NT2RP3000441//ESTs//6.3e-84:420:97//Hs.137482:AA421254
50 R-NT2RP3000449//ESTs//4.9e-93:435:99//Hs.54617:AI379102
R-NT2RP3000451//ESTs//2.3e-89:439:97//Hs.9196:AA748492
R-NT2RP3000456//Homo Sapiens (clone B3B3E13) chromosome 4p16.3 DNA fragment//1.8e-23:347:70//Hs.114963:L34408
R-NT2RP3000484//Heparin cofactor II//0.98:166:62//Hs.1478:M58600
55 R-NT2RP3000487//ESTs//0.012:384:60//Hs.88684:AA885141
R-NT2RP3000512//Homeo box B3//2.0e-69:377:93//Hs.49931:X16667
R-NT2RP3000526//ESTs//1.6e-91:432:99//Hs.38042:AA187151
R-NT2RP3000527//ESTs//1.2e-100:518:94//Hs.104557:AI078161

- R-NT2RP3000531//ESTs, Weakly similar to TH1 protein [D.melanogaster]//0.95:85:71//Hs.5184:AA709151
R-NT2RP3000542//ESTs//2.6e-53:375:84//Hs.44158:N30180
R-NT2RP3000561//EST//1.1e-13:170:75//Hs.148421:AI198036
5 R-NT2RP3000562//Human mRNA for KIAA0233 gene, complete cds//0.97:141:68//Hs.79077:D87071
R-NT2RP3000578//ESTs//2.6e-68:324:100//Hs.5445:AA779447
R-NT2RP3000582//ESTs//2.1 e-25:131:80//Hs.152465:AA563785
R-NT2RP3000584//ESTs//1.8e-97:460:99//Hs.120698:AI241511
R-NT2RP3000590//ESTs//2.0e-97:453:100//Hs.105355:AA953817
R-NT2RP3000592//ESTs//2.8e-91:432:99//Hs.144304:AI190916
10 R-ntnnnnnnnnnn//Human mRNA for KIAA0314 gene, partial cds//1.5e-09:447:58//Hs.155045:AB002312
R-NT2RP3000599//ESTs//3.8e-93:437:99//Hs.23971:AA829880
R-NT2RP3000605//ESTs//4.2e-111:554:96//Hs.40780:AA422049
R-NT2RP3000622//ESTs//2.0e-100:473:99//Hs.11387:AI127394
R-NT2RP3000624//ESTs, Weakly similar to KIAA0256 [H.sapiens]//5.4e-115:545:98//Hs.4857:AI090739
15 R-NT2RP3000628//Homo sapiens mRNA for KIAA0772 protein, complete cds//4.3e-49:397:80//Hs.15519:AB018315
R-NT2RP3000632//ESTs, Moderately similar to cyclin-selective ubiquitin carrier protein [H.sapiens]//6.3e-92:434:99//Hs.152517:AA719022
R-NT2RP3000644//ESTs//1.0e-44:306:84//Hs.155498:W27084
20 R-NT2RP3000661//ESTs//3.1e-95:470:97//Hs.126069:W76185
R-NT2RP3000665//ESTs//3.3e-95:503:94//Hs.34313:W81185
R-NT2RP3000685//ESTs//2.7e-99:515:94//Hs.9711:R60873
R-NT2RP3000690//ESTs//3.3e-88:414:99//Hs.1465 89:AI085578
R-NT2RP3000736
25 R-NT2RP3000742//ESTs, Highly similar to 1-PHOSPHATIDYLINOSITOL-4,5-BISPHOSPHATE PHOSPHODI-ESTERASE DELTA 1 [Rattus norvegicus]//1.8e-07:114:75//Hs.136065:W21960
R-NT2RP3000753//ESTs//3.1e-99:461:100//Hs.150901:AI310447
R-NT2RP3000759//ESTs//2.0e-74:384:95//Hs.104222:AA207243
R-NT2RP3000815//ESTs//8.5e-97:455:99//Hs.158897:AI378583
30 R-NT2RP3000825//EST//0.0089:343:59//Hs.42897:N20810
R-NT2RP3000826//EST//3.4e-33:342:74//Hs.162236:AA551582
R-NT2RP3000836//ESTs//6.8e-24:181:84//Hs.134464:AI151081
R-NT2RP3000841//ESTs//4.5e-93:491:93//Hs.23618:H98082
R-NT2RP3000845//ESTs//2.4e-88:473:93//Hs.8312:AA813022
35 R-NT2RP3000847//ESTs//9.3e-89:460:95//Hs.154106:AI051657
R-NT2RP3000850
R-NT2RP3000852//Fibrillin 2//0.55:237:63//Hs.79432:U03272
R-NT2RP3000859//ESTs//1.4e-96:509:94//Hs.7187:AA576895
R-NT2RP3000865//EST//4.8e-23:461:66//Hs.162088:AA505741
40 R-NT2RP3000868//ESTs//5.4e-78:430:93//Hs.102796:N70837
R-NT2RP3000869//ESTs//8.5e-77:397:94//Hs.84484:AI014673
R-NT2RP3000875//Mevalonate kinase//3.8e-78:531:84//Hs.75138:M88468
R-NT2RP3000901//ESTs//2.1e-95:466:97//Hs.10647:AA428217
R-NT2RP3000904//ESTs//1.6e-79:380:99//Hs.100850:AA479385
45 R-NT2RP3000917//ESTs, Highly similar to mouse Dhml protein [M.musculus]//9.5e-113:566:96//Hs.5900:AA035728
R-NT2RP3000919
R-NT2RP3000968//40S RIBOSOMAL PROTEIN S15A//1.5e-25:375:71//Hs.2953:X84407
R-NT2RP3000980//ESTs//3.3e-72:364:96//Hs.9536:AA114178
50 R-NT2RP3000994//ESTs//3.5e 111:537:97//Hs.21146:AA683542
R-NT2RP3001004//ESTs//9.6e-91:456:96//Hs.58974:W87405
R-NT2RP3001007//ESTs//6.7e-99:482:97//Hs.117737:AI088029
R-NT2RP3001055//ESTs//0.0012:294:60//Hs.66479:AA863044
R-NT2RP3001057//ESTs, Highly similar to ZINC FINGER PROTEIN HF.12 [Homo sapiens]//5.6e-102:486:99//Hs.145956:AA007349
55 R-NT2RP3001081//Retinal pigment epithelium-specific protein (65kD)//0.0012:447:58//Hs.2133:U18991
R-NT2RP3001084//ESTs//4.3e-102:528:96//Hs.25277:W87874
R-NT2RP3001096//ESTs//1.1e-110:540:96//Hs.42824:AA873182

- R-NT2RP3001107//ESTs//7.6e-100:478:98//Hs.99669:AA287832
R-nnnnnnnnnnnn/DNA polymerase gamma//0.0014:50:100//Hs.80961:U60325
R-NT2RP3001111//ESTs, Weakly similar to Trf-proximal protein [D.melanogaster]//3.2e-104:543:95//Hs.93796:
C06063
- 5 R-NT2RP3001113//ESTs//3.3e-100:467:99//Hs.97757:AA401575
R-NT2RP3001115//Oxytocin receptor//7.9e-30:505:67//Hs.2820:X64878
R-NT2RP3001116//ESTs//4.6e-41:229:96//Hs.58412:W74779
R-NT2RP3001119//ESTs//6.9e-88:478:92//Hs.19469:AA203180
R-NT2RP3001120//ESTs//3.1e-82:430:93//Hs.110956:AI190166
- 10 R-NT2RP3001126//ESTs//4.4e-52:264:96//Hs.25264:R78188
R-NT2RP3001133//ESTs//4.7e-105:541:94//Hs.73239:AA573761
R-NT2RP3001140//Homo sapiens mRNA for KIAA0762 protein, partial cds//2.6e-115:549:97//Hs.5378:AB018305
R-NT2RP3001147//ESTs, Highly similar to GTPASE ACTIVATING PROTEIN ROTUND [Drosophila melanogaster]
//9.6e-113:552:97//Hs.23900:U82984
- 15 R-NT2RP3001150//ESTs//2.9e-90:444:97//Hs.99601:AA760717
R-NT2RP3001155//Homo sapiens mRNA for AND-1 protein//9.4e-118:563:98//Hs.72160:AJ006266
R-NT2RP3001176//ESTs//1.8e-110:534:98//Hs.58650:AI074460
R-NT2RP3001214//ESTs//1.7e-109:545:96//Hs.24481:AA573139
R-NT2RP3001216//EST//0.00098:128:66//Hs.160493:AI254963
- 20 R-NT2RP3001221//EST//0.010:106:66//Hs.147774:AI221196
R-NT2RP3001232//ESTs//1.5e-101:518:94//Hs.21630:AA778399
R-NT2RP3001236//ESTs, Highly similar to KIAA0377 [H.sapiens]//2.8e-89:462:95//Hs.116793:AA779588
R-NT2RP3001239//ESTs, Moderately similar to NEURAXIN [Rattus norvegicus]//5.2e-82:466:91//Hs.66048:
AA524416
- 25 R-NT2RP3001245//EST//0.53:237:62//Hs.161131:AI417631
R-NT2RP3001253//ESTs//1.7e-105:535:96//Hs.42315:AI222997
R-NT2RP3001260//EST//0.16:144:62//Hs.126856:AA932135
R-NT2RP3001268//Human Aac11(aac11) mRNA, complete cds//0.12:494:59//Hs.151031:U83857
R-NT2RP3001272//ESTs//1.4e-92:436:99//Hs.149831:AI383965
- 30 R-NT2RP3001274//ESTs//3.9e-81:424:95//Hs.1113184:N25651
R-NT2RP3001281//EST//3.1e-60:298:98//Hs.149230:AI247332
R-NT2RP3001307//EST//0.42:215:62//Hs.126165:AA868691
R-NT2RP3001318//ESTs//4.1e-74:363:97//Hs.130832:H92571
R-NT2RP3001325//ESTs//1.7e-106:534:96//Hs.21214:H98989
- 35 R-NT2RP3001338//Human protein tyrosine phosphatase sigma mRNA, complete cds//0.22:199:63//Hs.159534:
U35234
R-NT2RP3001339//Homo sapiens mRNA for KIAA0451 protein, complete cds//3.9e-114:566:96//Hs.18586:
AB007920
R-NT2RP3001340//ESTs//1.1e-72:411:92//Hs.21135:W81653
- 40 R-NT2RP3001355//ESTs//9.0e-103:521:95//Hs.99486:AA776798
R-NT2RP3001374//ESTs//2.7e-82:395:98//Hs.117102:AA993090
R-NT2RP3001383//ESTs//3.6e-10:118:78//Hs.111055:AA169778
R-NT2RP3001384//ESTs, Weakly similar to A-kinase anchor protein 95, AKAP95 [R.norvegicus]//5.7e-92:522:90//
Hs.96200:AA218942
- 45 R-NT2RP3001392//ESTs//5.9e-62:296:100//Hs.125034:AA907375
R-NT2RP3001396//ESTs//3.7e-111:528:98//Hs.22612:AA152232
R-NT2RP3001398//ESTs//2.6e-94:449:99//Hs.146332:AI276628
R-NT2RP3001399//ESTs//2.6e-82:401:97//Hs.7932:AI041186
R-NT2RP3001407//ESTs//2.2e-101:488:97//Hs.71573:AA496898
- 50 R-NT2RP3001420//EST//7.4e-44:394:79//Hs.137041:AA877817
R-NT2RP3001426//Homo sapiens clone 24616 mRNA sequence//3.6e-106:550:94//Hs.6957:AF052158
R-NT2RP3001427//ESTs//1.3e-87:374:97//Hs.5457:H05692
R-nnnnnnnnnnnn/Neurotrophic tyrosine kinase, receptor, type 1//4.7e-96:533:91//Hs.85844:X66397
R-NT2RP3001432//ESTs//1.9e-102:523:95//Hs.132978:AI041374
- 55 R-NT2RP3001447//ESTs, Moderately similar to !!! ALU SUBFAMILY J WARNING ENTRY !!!! [H.sapiens]//5.1e-
101:482:98//Hs.124135:AA910560
R-NT2RP3001449//ESTs//2.2e-99:502:96//Hs.7834:N45994
R-NT2RP3001453//Small inducible cytokine A5 (RANTES)//8.1e-45:295:85//Hs.155464:AF088219

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R-NT2RP3001457//ESTs//1.5e-52:256:99//Hs.117982:AA644658
 R-NT2RP3001459//ESTs//3.4e-62:299:99//Hs.146098:AA167280
 R-NT2RP3001472//ESTs//4.8e-108:540:96//Hs.69594:N37009
 R-NT2RP3001490//ESTs//3.5e-91:549:88//Hs.6606:AA211783
 5 R-NT2RP3001495//Human oxidoreductase (HHCMA56) mRNA, complete cds//1.4e-61:338:93//Hs.519:U13395
 R-NT2RP3001497//Homo sapiens multiple membrane spanning receptor TRC8 (TRC8) mRNA, complete cds//
 6.8e-112:549:9711Hs.28285:AF064801
 R-NT2RP3001527//ESTs//4.4e-105:543:95//Hs.158761:AA631047
 R-NT2RP3001529//Homo sapiens tapasin (NGS-17) mRNA, complete cds//7.9e-59:427:83//Hs.5247:AF029750
 10 R-NT2RP3001538//ESTs//1.6e-94:521:92//Hs.6846:AA209463
 R-NT2RP3001554//ESTs, Moderately similar to NEURAXIN [Rattus norvegicus]//2.8e-76:392:95//Hs.66048:
 AA524416
 R-NT2RP3001580//ESTs//3.7e-82:398:98//Hs.23490:N49477
 R-NT2RP3001587//Homa sapiens mRNA for HRIHFB2115, partial cds//1.8e-09:86:88//Hs.4311:AB015337
 15 R-NT2RP3001589//ESTs//0.0029:243:62//Hs.158924:AA605194
 R-NT2RP3001607//EST//0.00096:76:78//Hs.140319:AA748328
 R-NT2RP3001608//ESTs//3.8e-105:525:96//Hs.144655:AI279798
 R-NT2RP3001621//ESTs//3.3e-108:535:97//Hs.47378:AI193598
 R-NT2RP3001629
 20 R-NT2RP3001634//Homo sapiens TRIAD1 type I mRNA, complete cds//2.7e-109:541:96//Hs.9899:AF099149
 R-NT2RP3001642//ESTs//6.0e-105:525:96//Hs.3376:AA915989
 R-NT2RP3001646//ESTs//4.8e-95:523:92//Hs.64036:AA127709
 R-NT2RP3001671//ESTs//0.0013:367:60//Hs.106090:AA457030
 R-NT2RP3001672//ESTs//3.4e-37:191:98//Hs.57475:AI382189
 25 R-NT2RP3001676//ESTs//1.5e-81:408:97//Hs.142547:N67648
 R-NT2RP3001678//ESTs//4.3e-85:405:99//Hs.121915:AI268225
 R-NT2RP3001679//ESTs//3.4e-100:545:93//Hs.5943:AI222558
 R-NT2RP3001688//Human mRNA for KIAA0392 gene, partial cds//8.6e-46:301:87//Hs.40100:AB002390
 R-NT2RP3001690//ESTs//3.3e-111:542:97//Hs.86149:AI341312
 30 R-NT2RP3001708//ESTs//1.4e-96:349:95//Hs.17975:AA868618
 R-NT2RP3001712//ESTs//9.3e-14:102:92//Hs.78041:N29669
 R-NT2RP3001716//ESTs, Highly similar to BONE MORPHOGENETIC PROTEIN 1 PRECURSOR [Mus musculus]
 //4.1e-80:444:91//Hs.6823:W18181
 R-NT2RP3001724//ESTs//1.8e-109:547:96//Hs.14570:AI422099
 35 R-NT2RP3001730//ESTs//4.1e-98:528:92//Hs.155115:AA669923
 R-NT2RP3001739//ESTs//4.4e-87:444:94//Hs.27239:W27810
 R-NT2RP3001752//ESTs//6.1e-93:490:94//Hs.4210:AA740440
 R-NT2RP3001753//ESTs//2.5e-82:395:99//Hs.126435:AA912968
 R-NT2RP3001764//ESTs, Weakly similar to protein-tyrosine phosphatase [H.sapiens]//1.2e-87:450:96//Hs.20281:
 40 N92517
 R-NT2RP3001777//ESTs//1.1e-86:360:97//Hs.100530:H06725
 R-NT2RP3001782//Homo sapiens mRNA for KIAA0459 protein, partial cds//4.2e-113:549:97//Hs.28169:
 AB007928
 R-NT2RP3001792//ESTs, Weakly similar to F35C12.2 [C.elegans]//1.1e-21:119:99//Hs.44268:AA455900
 45 R-NT2RP3001799//OX40L RECEPTOR PRECURSOR//2.8e-45:374:79//Hs.129780:X75962
 R-NT2RP3001819//ESTs//2.6e-87:432:96//Hs.10414:AI291292
 R-NT2RP3001844//ESTs//0.024:128:67//Hs.25131:N50117
 R-NT2RP3001854//ESTs//1.4e-92:490:92//Hs.15165:N52900
 R-NT2RP3001855//ESTs//1.9e-66:361:93//Hs.10043:D81792
 50 R-NT2RP3001896//ESTs//1.4e-96:343:97//Hs.24809:N73642
 R-NT2RP3001898//ESTs//4.1e-90:515:91//Hs.4867:AA521180
 R-NT2RP3001915//ESTs//4.4e-32:175:95//Hs.24641:AA954666
 R-NT2RP3001926//ESTs, Highly similar to NUCLEOLYSIN TIA-1 [Homo sapiens]//1.0e-40:202:100//Hs.24709:
 AI123300
 55 R-NT2RP3001929//ESTs//6.6e-84:449:94//Hs.26962:AA682781
 R-NT2RP3001931//ESTs//1.0e-41:214:99//Hs.32360:AA534737
 R-NT2RP3001938//ESTs, Highly similar to SPORULATION-SPECIFIC PROTEIN 1 [Saccharomyces cerevisiae]
 //1.3e-95:483:96//Hs.5771:W74591

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R-NT2RP3001943//ESTs//1.2e-23:169:88//Hs.103930:AA160990
R-NT2RP3001944//ESTs//2.0e-90:439:97//Hs.103380:AI291325
R-NT2RP3001969//ESTs//0.95:133:65//Hs.131669:AI025889
R-NT2RP3001989//ESTs, Weakly similar to C01A2.4 [C.elegans]//8.9e-64:310:99//Hs.11449:AI201540
5 R-NT2RP3002002//ESTs//2.1e-95:562:89//Hs.5997:AA897088
R-NT2RP3002004//H.sapiens mRNA for FAST kinase//1.6e-42:335:82//Hs.75087:X86779
R-NT2RP3002007//ESTs//0.12:184:66//Hs.94030:AA846729
R-NT2RP3002014//Small inducible cytokine A5 (RANTES)//6.8e-47:291:89//Hs.155464:AF088219
R-NT2RP3002033
10 R-NT2RP3002045//ESTs//1.0e-92:555:88//Hs.106411:W29081
R-NT2RP3002054//EST//0.45:155:63//Hs.5656:D20426
R-NT2RP3002056//ESTs//1.4e-95:504:93//Hs.17428:AI365221
R-NT2RP3002057//Human mRNA for KIAA0152 gene, complete cds//0.69:127:66//Hs.90438:D63486
R-NT2RP3002062
15 R-ntnnnnnnnnnnnn//ESTs//2.1e-113:552:97//Hs.9591:AA069657
R-NT2RP3002081//ESTs//5.5e-43:212:100//Hs.124852:AA969139
R-NT2RP3002097//EST//2.3e-10:80:91//Hs.102717:N59148
R-NT2RP3002102
R-NT2RP3002108
20 R-NT2RP3002146//ESTs//5.5e-58:296:97//Hs.65328:AA625385
R-NT2RP3002147//EST//2.5e-53:387:81//Hs.147928:M249703
R-NT2RP3002151//ESTs, Highly similar to G1 TO S PHASE TRANSITION PROTEIN 1 HOMOLOG [Homo sapiens]//6.2e-107:534:96//Hs.59523:AA602837
R-NT2RP3002163//ESTs//2.7e-106:520:97//Hs.21258:AA412293
25 R-NT2RP3002165//ESTs//7.4e-93:479:95//Hs.27299:AI074024
R-NT2RP3002166//ESTs//1.0:261:59//Hs.132817:AA593713
R-NT2RP3002173//ESTs//2.7e-93:512:92//Hs.23648:H07120
R-NT2RP3002181//ESTs//1.0e-84:435:96//Hs.47378:AI193598
R-NT2RP3002244//ESTs//2.7e-11:97:89//Hs.9412:W72446
30 R-NT2RP3002248//ESTs//4.3e-90:459:95//Hs.9848:AA130588
R-NT2RP3002255//ESTs//1.3e-45:289:88//Hs.9100:AA431672
R-NT2RP3002273//ESTs//2.3e-100:489:97//Hs.8258:AA744743
R-NT2RP3002276//ESTs//1.2e-50:306:91//Hs.16160:AA778171
R-NT2RP3002303//ESTs//1.1e-67:323:99//Hs.129761:AA836898
35 R-NT2RP3002304//ESTs//2.8e-86:405:99//Hs.29643:AA418500
R-NT2RP3002330//ESTs, Weakly similar to G1 TO S PHASE TRANSITION PROTEIN 1 HOMOLOG [H.sapiens]//1.8e-19:136:87//Hs.106928:AI041737
R-NT2RP3002343//ESTs//1.0e-42:260:93//Hs.7797:W25667
R-NT2RP3002351//Homo sapiens 9G8 splicing factor mRNA, complete cds//0.0048:221:64//Hs.556:L41887
40 R-NT2RP3002352//Homo sapiens mRNA for protein encoded by cxorf5 (71-7A) gene//5.8e-105:516:94//Hs.6483:Y16355
R-NT2RP3002455//Homo sapiens mRNA for KIAA0678 protein, partial cds//1.5e-103:524:95//Hs.12707:AB014578
R-NT2RP3002484//Human APRT gene for adenine phosphoribosyltransferase//0.54:108:71//Hs.28914:Y00486
45 R-NT2RP3002501//ESTs//2.7e-96:489:95//Hs.27335:N74185
R-NT2RP3002512//ESTs, Weakly similar to HYPOTHETICAL 31.0 KD PROTEIN R107.2 IN CHROMOSOME III [C.elegans]//3.2e-90:526:90//Hs.8083:AA521436
R-NT2RP3002529//ESTs, Highly similar to PUTATIVE VACUOLAR PROTEIN SORTING-ASSOCIATED PROTEIN C2G11.03C [Schizosaccharomyces pombe]//3.8e-101:497:96//Hs.6650:AA843246
50 R-NT2RP3002545//Homo sapiens mRNA for KIAA0729 protein, partial cds//1.1e-83:438:94//Hs.19542:AB018272
R-NT2RP3002549//ESTs//3.8e-98:493:96//Hs.7358:AA191673
R-NT2RP3002566//Homo sapiens calcium-activated potassium channel (KCNN3) mRNA, complete cds//0.14:184:63//Hs.89230:AF031815
R-NT2RP3002587//Homo sapiens KIAA0420 mRNA, complete cds//2.0e-18:138:78//Hs.129883:AB007880
55 R-NT2RP3002590//ESTs//2.9e-51:290:93//Hs.162942:AI243850
R-NT2RP3002602//Homo sapiens stannin mRNA, complete cds//5.5e-06:58:100//Hs.76691:AF070673
R-NT2RP3002603
R-NT2RP3002631//ESTs//4.8e-54:367:85//Hs.13109:AA192514

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R-NT2RP3002659//ESTs//5.3e-30:229:85//Hs.152114:AA401365
 R-NT2RP3002660//ESTs//1.9e-88:452:95//Hs.120146:AA708573
 R-NT2RP3002663//EST//3.2e-89:469:95//Hs.105767:AA525172
 R-NT2RP3002671//ESTs, Highly similar to ELONGATION FACTOR 2 [*Drosophila melanogaster*]/5.9e-109:537:
 5 97//Hs.19348:AA151678
 R-NT2RP3002682//ESTs//2.3e-98:541:91//Hs.75844:AA115502
 R-NT2RP3002687//ESTs//5.5e-103:498:97//Hs.72782:AA910871
 R-NT2RP3002688//ESTs, Weakly similar to !!!! ALU SUBFAMILY J WARNING ENTRY !!!! [H.sapiens]/5.0e-101:
 524:95//Hs.32580:AI123601
 10 R-NT2RP3002701//EST//0.87:131:63//Hs.161916:AA483169
 R-NT2RP3002713//ESTs//4.7e-106:542:95//Hs.14479:AA160945
 R-NT2RP3002763//ESTs//1.3e-54:290:94//Hs.142031:AA809159
 R-NT2RP3002770//ESTs//0.047:275:61//Hs.122984:AA526973
 R-NT2RP3002785//ESTs//2.4e-52:255:99//Hs.132959:AI376958
 15 R-NT2RP3002799//EST//8.2e-61:321:94//Hs.140992:R71377
 R-NT2RP3002810//EST//0.19:116:68//Hs.121810:AA775240
 R-NT2RP3002818//ESTs//1.3e-109:531:98//Hs.58924:AI348080
 R-NT2RP3002861//ESTs//2.5e-84:429:95//Hs.23920:AA909678
 R-NT2RP3002869//EST//0.00011:116:71//Hs.161606:AA019641
 20 R-NT2RP3002876//ESTs//0.0024:182:63//Hs.117306:AA687262
 R-NT2RP3002877//Homo sapiens X-ray repair cross-complementing protein 2 (XRCC2) mRNA, complete cds//
 8.1e-14:146:72//Hs.129727:AF035587
 R-NT2RP3002909//Homo sapiens mRNA for KIAA0771 protein, partial cds//1.5e-110:570:95//Hs.6162:AB018314
 R-NT2RP3002911//ESTs//3.6e-92:436:99//Hs.143917:AI206286
 25 R-NT2RP3002948//EST//1.0:102:65//Hs.144730:AI191975
 R-NT2RP3002953//ESTs//1.8e-107:513:98//Hs.119693:AI201698
 R-NT2RP3002955//Homo sapiens mRNA, chromosome 1 specific transcript KIAA0492//0.23:563:56//Hs.127338:
 AB007961
 R-NT2RP3002969//ESTs, Weakly similar to LONG-CHAIN-FATTY-ACID--COA LIGASE 1 [*Saccharomyces cere-*
 30 *visiae*]/112.0e-56:387:86//Hs.144597:W20143
 R-NT2RP3002972//ESTs//1.7e-97:502:96//Hs.7274:AA476850
 R-NT2RP3002978//ESTs//8.6e-104:498:98//Hs.118923:AA252116
 R-NT2RP3002988//EST//1.2e-59:315:94//Hs.157743:AI360553
 R-NT2RP3003008//ESTs//1.4e-97:515:94//Hs.6544:AA524423
 35 R-NT2RP3003032//ESTs, Weakly similar to RETROVIRUS-RELATED POL POLYPROTEIN [*Mus musculus*]/
 3.0e-100:528:94//Hs.90353:N98551
 R-NT2RP3003059//ESTs//1.7e-76:398:95//Hs.102971:W05355
 R-NT2RP3003061//ESTs//4.9e-82:414:96//Hs.99603:AI141912
 R-NT2RP3003068//ESTs, Weakly similar to M18.3 [*C. elegans*]/5.9e-83:392:99//Hs.101364:AA534439
 40 R-NT2RP3003071//ESTs//6.3e-85:399:99//Hs.109755:AA180809
 R-NT2RP3003078//ESTs//1.0e-98:471:99//Hs.7995:AI359466
 R-NT2RP3003101//EST//0.032:235:60//Hs.147920:AI202441
 R-NT2RP3003121//ESTs//3.0e-47:238:97//Hs.43559:AI003520
 R-NT2RP3003133//EST//1.5e-77:395:96//Hs.142150:AA223982
 45 R-NT2RP3003138//ESTs, Highly similar to KINESIN-LIKE PROTEIN KIF4 [*Mus musculus*]/3.3e-107:535:96//Hs.
 27437:AA004208
 R-NT2RP3003139//ESTs//2.5e-106:504:98//Hs.106795:AI271632
 R-NT2RP3003150//ESTs//1.6e-99:539:91//Hs.46500:AA129774
 R-NT2RP3003157//ESTs//1.5e-114:563:97//Hs.58608:AA081007
 50 R-NT2RP3003185//ESTs//3.9e-93:443:98//Hs.9741:AI131226
 R-NT2RP3003193//ESTs//2.0e-37:428:71//Hs.33354:AA179944
 R-NT2RP3003197//ESTs//5.8e-56:312:94//Hs.7016:AA215796
 R-NT2RP3003203//EST//0.0073:212:63//Hs.161355:AI422634
 R-NT2RP3003204//ESTs//7.4e-52:253:99//Hs.120146:AA708573
 55 R-NT2RP3003212//ESTs//1.8e-76:401:95//Hs.29067:N26107
 R-NT2RP3003230//ESTs, Highly similar to CORONIN [*Dictyostelium discoideum*]/2.0e-40:229:93//Hs.17377:
 AI078151
 R-NT2RP3003242//ESTs//8.3e-97:458:99//Hs.23057:AI290343

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R-NT2RP3003251//ESTs//1.5e-60:320:95//Hs.36495:AA151628
 R-NT2RP3003264//ESTs//2.1e-103:521:95//Hs.4094:AA173960
 R-NT2RP3003278//ESTs//8.2e-109:536:96//Hs.23788:AA524061
 R-NT2RP3003282//Homo sapiens dynamin (DNM) mRNA, complete cds//2.4e-102:550:93//Hs.11702:L36983
 5 R-NT2RP3003290//EST//4.3e-27:372:70//Hs.159131:AI384035
 R-NT2RP3003301//ESTs//4.4e-56:285:97//Hs.95370:AA601055
 R-NT2RP3003302//EST//7.2e-10:395:63//Hs.162554:AA584818
 R-NT2RP3003311//ESTs//4.2e-110:538:97//Hs.62180:AI341261
 R-NT2RP3003313//ESTs//2.1e-106:531:96//Hs.22630:C05931
 10 R-NT2RP3003327//ESTs//4.3e-102:518:95//Hs.120355:AA625445
 R-NT2RP3003330//ESTs//8.6e-104:497:97//Hs.72071:AI125289
 R-NT2RP3003344//ESTs//2.5e-105:494:99//Hs.112188:AA872993
 R-NT2RP3003346//ESTs//1.0:123:69//Hs.116029:AA813102
 R-NT2RP3003353//EST//0.0014:162:68//Hs.149191:AI246155
 15 R-NT2RP3003377//EST//4.5e-15:119:85//Hs.148129:AA885567
 R-NT2RP3003384//EST//0.0057:86:74//Hs.127735:AA962272
 R-NT2RP3003385//ESTs//0.64:347:59//Hs.5646:W72721
 R-NT2RP3003403//ESTs, Weakly similar to LINE-1 REVERSE TRANSCRIPTASE HOMOLOG [H.sapiens]//2.2e-24:418:67//Hs.139488:AI124095
 20 R-NT2RP3003409//ESTs//5.3e-98:479:97//Hs.155198:AA767372
 R-NT2RP3003411//ESTs//4.8e-86:416:97//Hs.129059:AA126041
 R-NT2RP3003427//ESTs//7.4e-103:510:96//Hs.25303:AA641023
 R-NT2RP3003433//ESTs//3.5e-85:405:99//Hs.63131:AA664156
 R-NT2RP3003464//Homo sapiens rab3-GAP regulatory domain mRNA, complete cds//3.6e-97:479:96//Hs.14934:
 25 AF004828
 R-NT2RP3003490//Homo sapiens mRNA for KIAA0725 protein, partial cds//4.1e-102:527:93//Hs.26450:AB018268
 R-NT2RP3003491//ESTs, Weakly similar to No definition line found [C.elegans]//4.0e-106:549:94//Hs.7886:AI057529
 30 R-NT2RP3003500//Human RP3 mRNA, complete cds//0.66:401:60//Hs.75307:U02556
 R-NT2RP3003543//Human clone A9A2BRB7 (CAC)n/(GTG)n repeat-containing mRNA//4.1e-33:217:88//Hs.8068:U00952
 R-NT2RP3003552//ESTs//3.1e-106:546:94//Hs.101754:AI123430
 R-NT2RP3003555//ESTs//3.4e-106:537:95//Hs.85550:AA187681
 35 R-NT2RP3003564
 R-NT2RP3003572//ESTs//1.2e-20:122:88//Hs.8253:N48721
 R-NT2RP3003576//ESTs//2.7e-71:394:94//Hs.151136:R99944
 R-NT2RP3003589//EST//0.58:242:59//Hs.130804:AA894759
 R-NT2RP3003625//ESTs//7.6e-41:349:80//Hs.140608:N53448
 40 R-NT2RP3003656//Human LIM protein (LPP) mRNA, partial cds//0.26:222:60//Hs.17217:U49957
 R-NT2RP3003659//ESTs//2.0e-113:547:97//Hs.23389:AA769310
 R-NT2RP3003665//ESTs//1.6e-80:415:95//Hs.141084:H11714
 R-NT2RP3003672
 R-NT2RP3003686//ESTs//6.8e-114:552:97//Hs.43299:N23036
 45 R-NT2RP3003701//ESTs//2.1e-16:282:66//Hs.115512:AI208768
 R-NT2RP3003716//ESTs//2.1e-45:195:91//Hs.41296:N71923
 R-NT2RP3003726//Homo sapiens mRNA for KIAA0757 protein, complete cds//5.6e-103:492:97//Hs.48513:AB018300
 R-NT2RP3003746//ESTs//1.9e-85:411:98//Hs.54835:AI050863
 50 R-NT2RP3003795//EST//6.2e-97:459:99//Hs.134769:AI089747
 R-NT2RP3003799//ESTs//2.8e-62:337:94//Hs.124023:H18913
 R-NT2RP3003800//PROTO-ONCOGENE TYRO SINE-PROTEIN KINASE SRC//8.9e-108:551:95//Hs.115742:AF077754
 R-NT2RP3003805//ESTs//2.2e-103:490:99//Hs.9412:W72446
 55 R-NT2RP3003809//ESTs, Highly similar to SAV PROTEIN [Sulfolobus acidocaldarius]//3.4e-89:456:95//Hs.5555:AI285198
 R-NT2RP3003819//Interleukin 10//3.3e-43:173:89//Hs.2180:M57627
 R-NT2RP3003825//ESTs//1.6e-66:485:80//Hs.7405:W27761

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C-OVARC1001360
 C-OVARC1001381//Homo sapiens mRNA for candidate tumor suppressor involved in B-CLL //6E-148//683bp//
 99%//AJ224819
 C-OVARC1001425
 5 C-PLACE1000005
 C-PLACE1000066//SSU72 PROTEIN.//1.1E-39//206aa//43%//P53538
 C-PLACE1000142//3-HYDROXYBUTYRYL-COA DEHYDRATASE (EC 4.2.1.55) (CROTONASE).//2.8E-29//
 134aa//43%//P52046
 C-PLACE1000184//Homo sapiens mRNA for KIAA0832 protein, complete cds.//5.5e-312//1411bp//99%//
 10 AB020639
 C-PLACE1000185
 C-PLACE1000213//Homo sapiens mRNA for KIAA0977 protein, complete cds.//0//1904bp//99%//AB023194
 C-PLACE1000347
 C-PLACE1000374
 15 C-PLACE1000380//Homo sapiens mRNA for KIAA0853 protein, partial cds.//0//2208bp//99%//AB020660
 C-PLACE1000383//Homo sapiens mRNA for MTMR1 protein //0//753bp//99%//AJ224979
 C-PLACE1000401//POLIOVIRUS RECEPTOR PRECURSOR (CD155 ANTIGEN).//2.7E-30//352aa//31%//
 P15151
 C-PLACE1000406//PTB-ASSOCIATED SPLICING FACTOR (PSF).//1.2E-132//334aa//72%//P23246
 20 C-PLACE1000420//7.8-DIHYDRO-8-OXOGUANINE TRIPHOSPHATASE (EC 3.1.6.-) (8-OXO-DGTPASE).//
 0.0000028//134aa//29%//P53368
 C-PLACE1000435
 C-PLACE1000444
 C-PLACE1000562
 25 C-PLACE1000564
 C-PLACE1000588//INTERFERON-INDUCED GUANYLATE-BINDING PROTEIN 1 (GUANINE NUCLEOTIDE-
 BINDING PROTEIN 1).//1.6E-270//437aa//86%//P32455
 C-PLACE1000596//Homo sapiens mRNA for KIAA0850 protein, complete cds.//0//2393bp//99%//AB020657
 C-PLACE1000611//Rattus norvegicus neural membrane protein 35 mRNA, complete cds.//2E-55//779bp//67%//
 30 AF044201
 C-PLACE1000636//MALE STERILITY PROTEIN 2.//1.2E-39//261aa//27%//Q08891
 C-PLACE1000716
 C-PLACE1000748
 C-PLACE1000755//Homo sapiens mRNA for Helicase-MOI, complete-cds.//4.6E-250//1189bp//97%//AB028449
 35 C-PLACE1000785//Homo sapiens mRNA for KIAA0648 protein, partial cds.//0//2002bp//99%//AB014548
 C-PLACE1000798
 C-PLACE1000863//PUTATIVE MITOCHONDRIAL 40S RIBOSOMAL PROTEIN
 YHR148W.//2.5E-49//181aa//54%//P32899
 C-PLACE1000909//ANKYRIN REPEAT-CONTAINING PROTEIN AKR1.//2.6E-19//404aa//26%//P39010
 40 C-PLACE1000948
 C-PLACE1000972
 C-PLACE1000977//BETA-CHIMAERIN (BETA-CHIMERIN).//4.4E-22//129aa//35%//Q03070
 C-PLACE1001000
 C-PLACE1001092//Homo sapiens sorting nexin 4 mRNA, complete cds.//0//1500bp//99%//AF065485
 45 C-PLACE1001257//RING CANAL PROTEIN (KELCH PROTEIN).//4.3E-54//257aa//46%//Q04652
 C-PLACE1001383//ZINC-FINGER PROTEIN UBI-D4 (APOPTOSIS RESPONSE ZINC FINGER PROTEIN REQ-
 UIEM).//3E-33//138aa//42%//Q61103
 C-PLACE1001387//EPIDERMAL GROWTH FACTOR RECEPTOR KINASE SUBSTRATE EPS8.//2.3E-61//
 132aa//46%//Q12929
 50 C-PLACE1001399//Homo sapiens chromosome 17, clone hRPK.22_N_12, complete sequence.//0//2118bp//
 99%//AC005412
 C-PLACE1001412
 C-PLACE1001484//Homo sapiens chromosome 20 clone 387E22, WORKING DRAFT SEQUENCE, in unordered
 pieces.//0//1440bp//99%//AL031660
 55 C-PLACE1001503
 C-PLACE1001570
 C-PLACE1001610
 C-PLACE1001692//S-ACYL FATTY ACID SYNTHASE THIOESTERASE, MEDIUM CHAIN (EC 3.1.2.14)

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(THIOESTERASE n).//4E-81//263aa//56%//P08635
 C-PLACE1001729
 C-PLACE1001739//PUTATIVE ATP-DEPENDENT RNA HEUCASE PL10.//3.5E-75//439aa//41%//P16381
 C-PLACE1001781//PROBABLE PHOSPHOMANNOMUTASE (EC 5.4.2.8) (PMM).//5.4E-63//427aa//35%//
 5 Q57290
 C-PLACE1001810
 C-PLACE1001817//Homo sapiens ATP-specific succinyl-CoA synthetase beta subunit (SCS) mRNA, partial cds.//
 0//1995bp//99%//AF058953
 C-PLACE1001869//L-RIBULOKINASE (EC 2.7.1.16).//2E-27//270aa//31%//P94524
 10 C-PLACE1001912//Homo sapiens clone 24963 mRNA sequence, complete cds.//0//1196bp//99%//AF131737
 C-PLACE1001920//Homo sapiens MDC-3.13 isoform 2 mRNA, complete cds.//0//1729bp//99%//AF099935
 C-PLACE1001928
 C-PLACE1001989//PUTATIVE AMIDASE (EC 3.5.1.4).//1.4E-78//496aa//37%//Q49091
 C-PLACE1002046//LIGATIN (FRAGMENT).//1.7E-240//560aa//80%//Q61211
 15 C-PLACE1002072
 C-PLACE1002073//ADENYLATE CYCLASE (EC 4.6.1.1) (ATP PYROPHOSPHATE-LYASE) (ADENYLYL CYCLA-
 SE).//0.00000053//188aa//29%//P49606
 C-PLACE1002140
 C-PLACE1002163
 20 C-PLACE1002170
 C-PLACE1002433
 C-PLACE1002438//ZINC FINGER PROTEIN 151 (MIZ-1 PROTEIN).//0.0000042//133aa//29%//Q13105
 C-PLACE1002465
 C-PLACE1002529//Homo sapiens mRNA for KIAA0713 protein, partial cds.//6.7E-214//956bp//94%//AB018256
 25 C-PLACE1002685//Homo sapiens B cell linker protein BLNK mRNA, alternatively spliced, complete cds.//0//
 1750bp//99%//AF068180
 C-PLACE1002722//PROBABLE G PROTEIN-COUPLED RECEPTOR KIAA0001.//9E-45//305aa//33%//Q15391
 C-PLACE1002794
 C-PLACE1002815
 30 C-PLACE1002839
 C-PLACE1002851
 C-PLACE1002941
 C-PLACE1002996
 C-PLACE1003045
 35 C-PLACE1003092
 C-PLACE1003100//HEP27 PROTEIN (PROTEIN D).//2.6E-79//253aa//60%//Q13268
 C-PLACE1003108
 C-PLACE1003145
 C-PLACE1003174//UBIQUITIN-CONJUGATING ENZYME E2-18 KD (EC 6.3.2.19) (UBIQUITIN- PROTEIN
 40 LIGASE) (UBIQUITIN CARRIER PROTEIN) (PM42).//3.8E-37//143aa//51%//P42743
 C-PLACE1003190//SOF1 PROTEIN.//1.9E-110//325aa//48%//P33750
 C-PLACE1003200
 C-PLACE1003296//Homo sapiens mRNA; cDNA DKFZp434G173 (from clone DKFZp434G173).//0//1706bp//
 99%//AL080133
 45 C-PLACE1003302//ZINC FINGER PROTEIN 83 (ZINC FINGER PROTEIN HPF1).//6.9E-206//396aa//86%//
 P51522
 C-PLACE1003334
 C-PLACE1003342
 C-PLACE1003353//Homo sapiens breast cancer antiestrogen resistance 3 protein (BCAR3) mRNA, complete
 50 cds.//0//2435bp//99%//U92715
 C-PLACE1003369
 C-PLACE1003602//Homo sapiens mRNA expressed in placenta.//5.9E-278//1275bp//99%//D83200
 C-PLACE1003611
 C-PLACE1003625//ARMADILLO SEGMENT POLARITY PROTEIN.//3.2E-10//380aa//25%//P18824
 55 C-PLACE1003704//SPLICING FACTOR, ARGININE/SERINE-RICH 4 (PRE-MRNA SPLICING FACTOR
 SRP75).//8E-19//209aa//34%//Q08170
 C-PLACE1003711
 C-PLACE1003723

C-PLACE1003762
 C-PLACE1003771
 C-PLACE1003784
 C-PLACE1003923
 5 C-PLACE1003936
 C-PLACE1003968//5'-AMP-ACTIVATED PROTEIN KINASE, GAMMA-1 SUBUNIT (AMPK GAMMA-1 CHAIN).//
 2.4E-124//326aa//73%/P80385
 C-PLACE1004104
 C-PLACE1004114
 10 C-PLACE1004128//GUANINE NUCLEOTIDE-BINDING PROTEIN BETA SUBUNIT 4 (TRANSDUCIN BETA
 CHAIN 4).//6.1E-181//340aa//96%/P29387
 C-PLACE1004149
 C-PLACE1004156
 C-PLACE1004161
 15 C-PLACE1004183//Homo sapiens for TOM1-like protein.//0//1279bp//97%/AJ010071
 C-PLACE1004197//BUTYROPHILIN PRECURSOR (BT).//4.5E-10//208aa//27%/Q62556
 C-PLACE1004203//Homo sapiens GPI-anchored membrane protein CDw108 precursor, mRNA, complete cds.//
 0//1882bp//99%/AF069493
 C-PLACE1004258
 20 C-PLACE1004270//TRANSMEMBRANE PROTEASE, SERINE 2 (EC 3.4.21.-).//9.7E-36//389aa//31%/O15393
 C-PLACE1004277//Homo sapiens two pore domain K⁺ channel (TASK-2) mRNA, complete cds.//0//1498bp//99%/
 AF084830
 C-PLACE1004289
 C-PLACE1004302//SOF1 PROTEIN.//1.9E-110//325aa//48%/P33750
 25 C-PLACE1004316//H.sapiens mRNA for apoptosis specific protein.//0//1767bp//99%/Y11588
 C-PLACE1004358//Homo sapiens connector enhancer of KSR-like protein CNK1 mRNA, complete cds.//0//
 2512bp//99%/AF100153
 C-PLACE1004376
 C-PLACE1004388
 30 C-PLACE1004405
 C-PLACE1004428//PRISTANOYL-COA OXIDASE (EC 1.3.3.-).//1.2E-39//385aa//33%/Q63448
 C-PLACE1004437//Human NAD⁺-specific isocitrate dehydrogenase beta subunit precursor, mRNA, nuclear gene
 encoding mitochondrial protein, complete cds.//0//985bp//99%/U49283
 C-PLACE1004451
 35 C-PLACE1004460//MATERNAL TUDOR PROTEIN.//0.0000002//218aa//23%/P25823
 C-PLACE1004473
 C-PLACE1004510//Homo sapiens cofactor of initiator function (CIF150) mRNA, complete.//1.3E-209//954bp//
 99%/AF026445
 C-PLACE1004516
 40 C-PLACE1004548
 C-PLACE1004564//CLEAVAGE AND POLYADENYLATION SPECIFICITY FACTOR, 100
 KD SUBUNIT (CPSF 100 KD SUBUNIT).//0//525aa//99%/Q10568
 C-PLACE1004629//PROTEIN OS-9 PRECURSOR.//7.7E-18//264aa//32%/Q13438
 C-PLACE1004645
 45 C-PLACE1004646//B.taurus mRNA for retinal pigment epithelial membrane receptor p63.//4.4E-42//985bp//59%/
 X66277
 C-PLACE1004664
 C-PLACE1004672
 C-PLACE1004674//PROBABLE CALCIUM-BINDING PROTEIN ALG-2 (PMP41) (ALG-257).//1.6E-95//191aa//
 50 96%/P12815
 C-PLACE1004691
 C-PLACE1004722
 C-PLACE1004736
 C-PLACE1004740
 55 C-PLACE1004743//PROBABLE N-END-RECOGNIZING PROTEIN (UBIQUITIN-PROTEIN LIGASE E3 COMPO-
 NENT) (N- RECOGNIN).//4.4E-35//578aa//27%/O60152
 C-PLACE1004751//Homo sapiens mRNA for alpha2,3-sialyltransferase ST3Gal VI, complete cds.//7.1E-224//
 790bp//98%/AB022918

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C-PLACE1004777//N-CHIMAERIN (NC) (N-CHIMERIN) (ALPHA CHIMERIN) (A-CHIMAERIN).//1.9E-32//259aa//32%/P30337
 C-PLACE1004804//ADENYLATE CYCLASE (EC 4.6.1.1) (ATP PYROPHOSPHATE-LYASE) (ADENYLYL CYCLASE).//4.7E-65//695aa//29%/Q01631
 5 C-PLACE1004814//SPLICING FACTOR, ARGININE/SERINE-RICH 4 (PRE-MRNA SPLICING FACTOR SRP75).//5.9E-19//196aa//36%/Q08170
 C-PLACE1004824
 C-PLACE1004868//MALE STERILITY PROTEIN 2.//3.9E-39//261aa//27%/Q08891
 C-PLACE1004885
 10 C-PLACE1004902//PUTATIVE PRE-MRNA SPLICING FACTOR ATP-DEPENDENT RNA HELICASE SPAC10F6.02C.//9.3E-11//94aa//47%/Q42643
 C-PLACE1004918//L-LACTATE DEHYDROGENASE M CHAIN (EC 1.1.1.27) (LDHA).//4.9E-48//198aa//44%/P06151
 C-PLACE1004930//Homo sapiens MDC-3.13 isoform 2 mRNA, complete cds//0//1853bp//98%/AF099936
 15 C-PLACE1004934
 C-PLACE1004937//SEL-10 PROTEIN.//6.3E-125//357aa//58%/Q93794
 C-PLACE1004969//HYPOTHETICAL 55.1 KD PROTEIN B0416.5 IN CHROMOSOME X.//2E-14//205aa//26%/Q11073
 C-PLACE1004982
 20 C-PLACE1005026
 C-PLACE1005027
 C-PLACE1005046
 C-PLACE1005077
 C-PLACE1005101//Homo sapiens (clone zap128) mRNA, 3' end of cds.//1E-209//1031bp//96%/L40401
 25 C-PLACE1005102//RING CANAL PROTEIN (KELCH PROTEIN).//2.6E-56//565aa//30%/Q04652
 C-PLACE1005111
 C-PLACE1005181
 C-PLACE1005187//APAG PROTEIN.//3.8E-13//122aa//36%/P05636
 C-PLACE1005206
 30 C-PLACE1005232
 C-PLACE1005243//SERINE/THREONINE PROTEIN KINASE PKPA (EC 2.7.1.-).//1.3E-27//349aa//32%/Q01577
 C-PLACE1005261
 C-PLACE1005266
 C-PLACE1005277//Homo sapiens mRNA for KIAA0610 protein, partial cds.//3.2E-297//1341bp//100%/AB011182
 35 C-PLACE1005287//INNER CENTROMERE PROTEIN (INCENP).//2.3E-13//269aa//28%/P53352
 C-PLACE1005305//GTP:AMP PHOSPHOTRANSFERASE MITOCHONDRIAL (EC 2.7.4.10) (AK3).//2E-111//226aa//92%/P08760
 C-PLACE1005308
 C-PLACE1005313
 40 C-PLACE1005327
 C-PLACE1005335
 C-PLACE1005373//TRNA PSEUDOURIDINE SYNTHASE B (EC 4.2.1.70) (TRNA PSEUDOURIDINE 55 SYNTHASE) (PSI55 SYNTHASE) (PSEUDOURIDYLATE SYNTHASE) (URACIL HYDROLYASE).//8.6E-09//194aa//27%/Q33335
 45 C-PLACE1005374
 C-PLACE1005480
 C-PLACE1005481
 C-PLACE1005494//Homo sapiens mRNA for transient receptor potential protein TRP6.//0//1649bp//99%/AJ006276
 50 C-PLACE1005530//HYPOTHETICAL 47.6 KD PROTEIN C16C10.5 IN CHROMOSOME III.//5.6E-52//173aa//57%/Q09251
 C-PLACE1005550
 C-PLACE1005554
 C-PLACE1005623
 55 C-PLACE1005646//Homo sapiens RNA helicase-related protein mRNA, complete cds.//0//2130bp//99%/AF083255
 C-PLACE1005656//RIBONUCLEOSIDE-DIPHOSPHATE REDUCTASE M2 CHAIN (EC 1.17.4.1) (RIBONUCLEOTIDE REDUCTASE).//2.1E-148//321aa//83%/P31350

C-PLACE1005730
 C-PLACE1005755
 C-PLACE1005763//S-ACYL FATTY ACID SYNTHASE THIOESTERASE, MEDIUM CHAIN (EC 3.1.2.14)
 (THIOESTERASE II)//2.5E-79//209aa//53%//P08635
 5 C-PLACE1005803
 C-PLACE1005804//Homo sapiens alpha 1,2-mannosidase IB mRNA, complete cds.//1.1E-217//994bp//99%//
 AF027156
 C-PLACE1005851
 C-PLACE1005921//AIG1 PROTEIN//3E-31//284aa//31%//P54120
 10 C-PLACE1005923
 C-PLACE1005925
 C-PLACE1005934
 C-PLACE1005936
 C-PLACE1005951
 15 C-PLACE1005953//GLYCOSYLTRANSFERASE ALG2 (EC 2.4.1.-)//6.7E-30//198aa//37%//P43636
 C-PLACE1005955//VACUOLAR AMINOPEPTIDASE I PRECURSOR (EC 3.4.11.22) (POLYPEPTIDASE)//5.4E-
 54//455aa//32%//P14904
 C-PLACE1005966//TRANSCRIPTION INITIATION FACTOR TFIID 90 KD SUBUNIT (TAFII-90)//0.00000014//
 254aa//25%//P38129
 20 C-PLACE1005990
 C-PLACE1006011//Homo sapiens mRNA for poly(ADP-ribose) polymerase-2//0//1564bp//99%//AJ236876
 C-PLACE1006040//Homo sapiens mRNA for alpha endosulfine//4.7E-161//744bp//99%//X99906
 C-PLACE1006119//Homo sapiens Ran-GTP binding protein mRNA, partial cds.//1.5E-148//681bp//99%//
 AF039023
 25 C-PLACE1006139
 C-PLACE1006159
 C-PLACE1006167
 C-PLACE1006170//Homo sapiens mRNA for KIAA0899 protein, partial cds.//4.5E-293//953bp//99%//AB020706
 C-PLACE1006195
 30 C-PLACE1006196//PUTATIVE ATP-DEPENDENT RNA HELICASE C12C2.06//2.7E-116//496aa//48%//Q09747
 C-PLACE1006225
 C-PLACE1006236
 C-PLACE1006239//BONE PROTEOGLYCAN II PRECURSOR (PG-S2) (DECORIN)//2E-16//244aa//31%//
 P28675
 35 C-PLACE1006246
 C-PLACE1006325//Homo sapiens mRNA; cDNA DKFZp564J142 (from clone DKFZp564J142)//3.8E-278//
 1271-bp//99%//AL080066
 C-PLACE1006335
 C-PLACE1006357
 40 C-PLACE1006385//Homo sapiens epsin 2a mRNA, complete cds.//0//1168bp//99%//AF062085
 C-PLACE1006412
 C-PLACE1006414
 C-PLACE1006438//ZINC FINGER PROTEIN 165//2.5E-45//122aa//43%//P49910
 C-PLACE1006445
 45 C-PLACE1006470
 C-PLACE1006482//TRANSCRIPTION FACTOR MAFF//7.7E-55//142aa//85%//Q90595
 C-PLACE1006488//SIGNAL RECOGNITION PARTICLE 68 KD PROTEIN (SRP68)//1.1E-229//367aa//96%//
 Q00004
 C-PLACE1006492
 50 C-PLACE1006531
 C-PLACE1006552
 C-PLACE1006598//Homo sapiens clone NH0310K15, WORKING DRAFT SEQUENCE, 4 unordered pieces//0//
 2182bp//99%//AC007383
 C-PLACE1006615
 55 C-PLACE1006626//Homo sapiens mRNA for KIAA0928 protein, partial cds.//0//1760bp//99%//AB023145
 C-PLACE1006673
 C-PLACE1006678//Homo sapiens mRNA for type II membrane protein, complete cds, clone:HP10328//5.8E-24//
 734bp//62%//AB015630

C-PLACE1006704
 C-PLACE1006731//RIBOFLAVIN KINASE (EC 2.7.1.26) (FLAVOKINASE) / FMN ADENYLYLTRANSFERASE (EC 2.7.7.2) (FAD PYROPHOSPHORYLASE) (FAD SYNTHETASE).//6.9E-13//177aa//33%/Q59263
 C-PLACE1006782
 5 C-PLACE1006819//LINE-1 REVERSE TRANSCRIPTASE HOMOLOG.//9.8E-213//232aa//80%/P08547
 C-PLACE1006829//UBIQUITIN CARBOXYL-TERMINAL HYDROLASE 4 (EC 3.1.2.15) (UBIQUITIN THIOLESTERASE 4) (UBIQUITIN-SPECIFIC PROCESSING PROTEASE 4) (DEUBIQUITINATING ENZYME 4) (UBIQUITOUS NUCLEAR PROTEIN).//2E-15//188aa//29%/P35123
 C-PLACE1006883
 10 C-PLACE1006901
 C-PLACE1006917//HSH49 PROTEIN.//5.5E-12//97aa//35%/Q99181
 C-PLACE1006932
 C-PLACE1006935//HYPOTHETICAL 95.2 KD PROTEIN R144.6 IN CHROMOSOME III.//6.7E-48//278aa//41%/Q10000
 15 C-PLACE1006956//ATP-DEPENDENT PERMEASE MDL1.//1.3E-86//522aa//36%/P97998
 C-PLACE1006958//Homo sapiens mRNA for heat shock protein apg-1, complete cds.//0//1770bp//99%/AB023421
 C-PLACE1006961
 C-PLACE1006962
 20 C-PLACE1006966
 C-PLACE1007014//36 KD NUCLEOLAR PROTEIN HNP36 (DELAYED-EARLY RESPONSE PROTEIN 12) (DER12).//3.2E-35//180aa//33%/Q14542
 C-PLACE1007021
 C-PLACE1007105
 25 C-PLACE1007178
 C-PLACE1007226//PROBABLE OXYGEN-INDEPENDENT COPROPORPHYRINOGEN III OXIDASE (EC 1.-.-.-) (COPROPORPHYRINOGENASE) (COPROGEN OXIDASE).//1E-42//370aa//31%/P54304
 C-PLACE1007238
 C-PLACE1007239//Homo sapiens mRNA for transcription elongation factor S-II, hS-II-T1, complete cds.//6.5E-216//1068bp//96%/D50495
 30 C-PLACE1007242
 C-PLACE1007243//UNC-47 PROTEIN.//0.00000017//211aa//27%/P34579
 C-PLACE1007257//Homo sapiens mRNA for dia-12c protein.//0//2052bp//99%/Y15908
 C-PLACE1007274
 35 C-PLACE1007282
 C-PLACE1007301
 C-PLACE1007317//Drosophila melanogaster Adrift (adrift) mRNA, complete cds.//4.1E-17//1037bp//56%/AF117649
 C-PLACE1007342
 40 C-PLACE1007346//Homo sapiens estrogen-responsive B box protein (EBBP) mRNA, complete cds.//0//2366bp//99%/AF096870
 C-PLACE1007367
 C-PLACE1007375//PHORBOL ESTER/DIACYLGLYCEROL-BINDING PROTEIN UNC-13.//0.00000044//127aa//30%/P27715
 45 C-PLACE1007386
 C-PLACE1007402
 C-PLACE1007409//WHITE PROTEIN.//1.1E-64//428aa//32%/Q17320
 C-PLACE1007416//DIPEPTIDYL PEPTIDASE IV (EC 3.4.14.5) (DPP IV) (T-CELL ACTIVATION ANTIGEN CD26) (TP103) (ADENOSINE DEAMINASE COMPLEXING PROTEIN-2) (ADABP).//8.8E-25//140aa//35%/P27487
 50 C-PLACE1007450
 C-PLACE1007452
 C-PLACE1007460
 C-PLACE1007484
 C-PLACE1007488//PUTATIVE RHO/RAC GUANINE NUCLEOTIDE EXCHANGE FACTOR (RHO/RAC GEF) (FACIOGENITAL DYSPLASIA PROTEIN HOMOLOG).//5.4E-53//426aa//33%/P52734
 55 C-PLACE1007507
 C-PLACE1007511//KERATIN, TYPE I CYTOSKELETAL 19 (CYTOKERATIN 19) (K19) (CK 19).//1.4E-85//385aa//45%/P08728

C-PLACE1007524
 C-PLACE1007537//Homo sapiens ankyrin repeat-containing protein ASB-2 mRNA, complete cds.//8.9e-316//
 1485bp//98%//AF159164
 C-PLACE1007544
 5 C-PLACE1007547//HYPOTHETICAL 97.1 KD PROTEIN R05D3.4 IN CHROMOSOME III.//1E-49//361aa//36%//
 P34537
 C-PLACE1007583
 C-PLACE1007598//ZINC FINGER PROTEIN 184 (FRAGMENT).//1.6E-143//666aa//44%//Q99676
 C-PLACE1007618//Homo sapiens mRNA for KIAA0977 protein, complete cds.//0//713bp//99%//AB023194
 10 C-PLACE1007621
 C-PLACE1007632//POLIOVIRUS RECEPTOR PRECURSOR.//0.0000001//228aa//31%//P32506
 C-PLACE1007645
 C-PLACE1007649//Homo sapiens mRNA for KIAA0977 protein, complete cds.//0//1952-bp//99%//AB023194
 C-PLACE1007688//LA PROTEIN HOMOLOG (LA RIBONUCLEOPROTEIN) (LA AUTOANTIGEN HOMOLOG).//
 15 8.7E-09//279aa//28%//Q26457
 C-PLACE1007690
 C-PLACE1007697//GCN20 PROTEIN.//7.6E-119//717aa//38%//P43535
 C-PLACE1007706//Homo sapiens metalloprotease 1 (MP1) mRNA, complete cds.//0//3431bp//99%//AF061243
 C-PLACE1007725
 20 C-PLACE1007729//RETROVIRUS-RELATED PROTEASE (EC 3.4.23.-).//1.5E-44//231aa//42%//P10265
 C-PLACE1007730//Homo sapiens mRNA for KIAA0685 protein, complete cds.//9.2E-294//1504bp//94%//
 AB014585
 C-PLACE1007746
 C-PLACE1007791//Homo sapiens IDN3-B mRNA, complete cds.//0//1836bp//99%//AB019602
 25 C-PLACE1007810
 C-PLACE1007843
 C-PLACE1007846//Homo sapiens genomic DNA of 21q22.2 Down Syndrome region, segment 3/13.//0//1751bp//
 99%//AP000010
 C-PLACE1007858//Homo sapiens mRNA for KIAA0766 protein, complete cds.//0//3112bp//99%//AB018309
 30 C-PLACE1007897
 C-PLACE1007946//MYOSIN HEAVY CHAIN, NON-MUSCLE (ZIPPER PROTEIN) (MYOSIN II).//2.6E-14//370aa//
 25%//Q99323
 C-PLACE1007954
 C-PLACE1007955//Homo sapiens cyclin-D binding Myb-like protein mRNA, complete cds.//0//2252bp//99%//
 35 AF084530
 C-PLACE1007958//Homo sapiens cAMP-specific phosphodiesterase 8B (PDE8B) mRNA, partial cds.//0//2300bp//
 99%//AF079529
 C-PLACE1007969//HETEROGENEOUS NUCLEAR RIBONUCLEOPROTEIN M (HNRNP M).//1.1E-36//202aa//
 48%//P52272
 40 C-PLACE1007990
 C-PLACE1008000//CHANNEL ASSOCIATED PROTEIN OF SYNAPSE-110 (CHAPSYN-110) (SYNAPTIC DEN-
 SITY PROTEIN PSD-93).//6.1E-14//128aa//39%//Q63622
 C-PLACE1008002//Homo sapiens clone DJ0613C23, WORKING DRAFT SEQUENCE, 4 unordered pieces//0//
 1833bp//99%//AC005628
 45 C-PLACE1008044//NUCLEAR PORE COMPLEX PROTEIN NUP107 (NUCLEOPORIN NUP107) (107 KD NU-
 CLEOPORIN) (P105).//4.6e-318//613aa//94%//P52590
 C-PLACE1008095
 C-PLACE1008122
 C-PLACE1008129
 50 C-PLACE1008132//HYPOTHETICAL 127.4 KD PROTEIN F07F6.4 IN CHROMOSOME III.//1.3E-24//395aa//
 31%//Q09531
 C-PLACE1008177//TRICHOHYALIN.//2.3E-29//487aa//26%//P37709
 C-PLACE1008209
 C-PLACE1008273//COATOMER GAMMA SUBUNIT (GAMMA-COAT PROTEIN) (GAMMA-COP).//1.3E-283//
 55 671aa//77%//P53620
 C-PLACE1008275//DNA REPAIR PROTEIN REV1 (EC 2.7.7.-).//2.3E-18//162aa//37%//P12689
 C-PLACE1008280
 C-PLACE1008309

C-PLACE1008329
 C-PLACE1008356//Homo sapiens mRNA for KIAA0679 protein, partial cds.//0//1853bp//100%//AB014579
 C-PLACE1008398//GENE 33 POLYPEPTIDE.//7.3E-114//243aa//87%//P05432
 C-PLACE1008401
 5 C-PLACE1008402//GENERAL VESICULAR TRANSPORT FACTOR P115 (TRANSCYTOSIS ASSOCIATED PROTEIN) (TAP).//0//698aa//95%//P41541
 C-PLACE1008429//ANKYRIN HOMOLOG PRECURSOR.//3.1E-11//189aa//32%//Q06527
 C-PLACE1008457
 C-PLACE1008465
 10 C-PLACE1008488
 C-PLACE1008524//Human DNA sequence from clone 34B21 on chromosome 6p12.1-21.1. Contains part of a gene for a novel protein with ZU5 domain similar to part of Tight Junction Protein ZO1 (TJP1) and UNC5 Homologs, the gene for a novel BZRP (peripheral benzodiazapine recepto//0//1980bp//99%//AL031778
 C-PLACE1008531
 15 C-PLACE1008532
 C-PLACE1008533//101 KD MALARIA ANTIGEN (P101) (ACIDIC BASIC REPEAT ANTIGEN).//1.1E-09//62aa//48%//P22620
 C-PLACE1008568
 C-PLACE1008603//NUCLEAR PORE COMPLEX PROTEIN NUP155 (NUCLEOPORIN NUP155) (155 KD NUCLEOPORIN) (P140).//7.8E-236//453aa//96%//P37199
 20 C-PLACE1008621
 C-PLACE1008626
 C-PLACE1008627//Homo sapiens mRNA for cysteine-rich protein.//0//1850bp//99%//AJ006591
 C-PLACE1008629
 25 C-PLACE1008650//Homo sapiens pleiotropic regulator 1 (PLRG1) mRNA, complete cds.//0//1548bp//100%//AF044333
 C-PLACE1008693
 C-PLACE1008696//Homo sapiens NADH dehydrogenase-ubiquinone Fe-S protein 8 23 kDa subunit (NDUFS8) gene, nuclear gene encoding mitochondrial protein, complete cds.//0//3002bp//99%//AF038406
 30 C-PLACE1008790//IMPORTIN ALPHA-6 SUBUNIT (KARYOPHERIN ALPHA-6 SUBUNIT) (IMPORTIN ALPHA S2).//3.1E-280//533aa//98%//O35345
 C-PLACE1008808//Homo sapiens mRNA for cell cycle checkpoint protein rad1A.//2.3E-269//1225bp//99%//AJ004974
 C-PLACE1008813
 35 C-PLACE1008854
 C-PLACE1008867
 C-PLACE1008887
 C-PLACE1008902
 C-PLACE1008925
 40 C-PLACE1009020//NIFS PROTEIN.//3.9E-55//279aa//41%//P12623
 C-PLACE1009027//Homo sapiens mRNA for doublecortin.//0//1919bp//99%//AJ003112
 C-PLACE1009045
 C-PLACE1009060//BRO1 PROTEIN.//6.7E-19//567aa//24%//P48582
 C-PLACE1009090
 45 C-PLACE1009091
 C-PLACE1009094//FURIN-LIKE PROTEASE 2 PRECURSOR (EC 3.4.21.75) (FURIN 2).//1.9E-44//480aa//30%//P30432
 C-PLACE1009099//ZINC FINGER PROTEIN 41 (FRAGMENT).//1.1E-179//452aa//67%//P51814
 C-PLACE1009110
 50 C-PLACE1009111
 C-PLACE1009130//UBIQUITIN-PROTEIN LIGASE E3A (EC 6.3.2.-) (ONCOGENIC PROTEIN-ASSOCIATED PROTEIN E6-AP).//2E-68//181aa//43%//Q05086
 C-PLACE1009158
 C-PLACE1009166
 55 C-PLACE1009174
 C-PLACE1009186
 C-PLACE1009190
 C-PLACE1009230

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C-PLACE1009319//Rattus norvegicus outer membrane protein (OMP25) mRNA, complete cds; nuclear gene for
 mitochondrial product.//2.1E-132//1229bp//75%//AF107295
 C-PLACE1009328
 C-PLACE1009335
 5 C-PLACE1009338
 C-PLACE1009368//METAL HOMEOSTASIS FACTOR ATX2.//2.5E-10//151aa//29%//Q12067
 C-PLACE1009375
 C-PLACE1009388
 C-PLACE1009404//HYPOTHETICAL 105.6 KD PROTEIN C16C9.06C IN CHROMOSOME I.//0.000000047//
 10 165aa//733%//Q09820
 C-PLACE1009434
 C-PLACE1009443
 C-PLACE1009444//PHOSPHATIDYLINOSITOL 4-KINASE ALPHA (EC 2.7.1.67) (PI4-KINASE) (PTDINS-4-KI-
 NASE) (PI4K-ALPHA).//7.8E-71//82aa//89%//P42356
 15 C-PLACE1009459
 C-PLACE1009468//PHOSPHOLIPASE A-2-ACTIVATING PROTEIN (PLAP).//3.1E-289//550aa//93%//P54319
 C-PLACE1009476//PUTATIVE ATP-DEPENDENT RNA HELICASE T26G10.1 IN CHROMOSOME III.//3.9E-40//
 179aa//37%//P34580
 C-PLACE1009524//ARF NUCLEOTIDE-BINDING SITE OPENER (ARNO PROTEIN) (ARF EXCHANGE FAC-
 20 TOR).//8.1E-99//228aa//75%//Q99418
 C-PLACE1009542
 C-PLACE1009571
 C-PLACE1009581
 C-PLACE1009596//VEGETATIBLE INCOMPATIBILITY PROTEIN HET-E-1.//5.1E-54//291aa//40%//Q00808
 25 C-PLACE1009607
 C-PLACE1009621
 C-PLACE1009622//MATERNAL EFFECT PROTEIN STAUFEN.//1.3E-60//209aa//41%//P25159
 C-PLACE1009659//MEMBRANE-ASSOCIATED PROTEIN HEM-2 (NAPI PROTEIN).//1.5E-285//538aa//99%//
 P55161
 30 C-PLACE1009665
 C-PLACE1009670//Homo sapiens genethonin 1 mRNA, complete cds.//0//1854bp//100%//AF062534
 C-PLACE1009708//HYPOTHETICAL 143.3 KD TRP-ASP REPEATS CONTAINING PROTEIN C12G12.13C IN
 CHROMOSOME I.//7E-33//166aa//43%//Q09876
 C-PLACE1009721//MSF1 PROTEIN.//1.7E-22//176aa//33%//P35200
 35 C-PLACE1009731//AIG1 PROTEIN.//1.6E-22//274aa//28%//P54120
 C-PLACE1009763//Homo sapiens mRNA for Nedd8-activating enzyme hUba3, complete cds.//4.3E-294//1329bp//
 100%//AB012190
 C-PLACE1009794
 C-PLACE1009845//Homo sapiens mRNA for KIAA0905 protein, complete cds.//0//2685bp//99%//AB020712
 40 C-PLACE1009886
 C-PLACE1009908//HYPOTHETICAL GTP-BINDING PROTEIN IN SEH1-PRP20 INTERGENIC REGION.//1.9E-
 108//277aa//43%//P53145
 C-PLACE1009971
 C-PLACE1009992//LIMULUS CLOTTING FACTOR C PRECURSOR (EC 3.4.21.84).//4.6E-59//450aa//34%//
 45 P28175
 C-PLACE1009995//Homo sapiens mRNA; cDNA DKFZp5640123 (from clone DKFZp5640123).//0//1962bp//99%//
 AL080122
 C-PLACE1009997//Rattus norvegicus A-kinase anchoring protein AKAP 220 mRNA, complete cds.//5.2E-70//
 736bp//73%//U48288
 50 C-PLACE1010023
 C-PLACE1010031
 C-PLACE1010053//M.musculus Spnr mRNA for RNA binding protein.//6E-279//1402bp//94%//X84692
 C-PLACE1010074//Homo sapiens sorting nexin 2 (SNX2) mRNA, complete cds.//0//2019bp//99%//AF065482
 C-PLACE1010076
 55 C-PLACE1010096//100 KD PROTEIN (EC 6.3.2.-).//1.4E-268//506aa//98%//Q62671
 C-PLACE1010102
 C-PLACE1010105//RING CANAL PROTEIN (KELCH PROTEIN).//7.3E-114//537aa//44%//O04652
 C-PLACE1010106//Homo sapiens mRNA; cDNA DKFZp586M1418 (from clone DKFZp586M1418).//0//1974bp//

99%/AL049385
 C-PLACE1010134//TRANSCRIPTION REGULATORY PROTEIN SNF2 (SWI/SNF COMPLEX COMPONENT SNF2) (REGULATORY PROTEIN SWI2) (REGULATORY PROTEIN GAM1) (TRANSCRIPTION FACTOR TYE3)//1.7E-20//156aa//42%/P22082
 5 C-PLACE1010148//CYLICIN I (MULTIPLE-BAND POLYPEPTIDE I)//0.00000046//431aa//23%/P35662
 C-PLACE1010194//SPLICING FACTOR, ARGININE/SERINE-RICH 2 (SPLICING FACTOR SC35) (SC-35) (SPLICING COMPONENT, 35 KD) (PR264 PROTEIN)//9.8E-11//95aa//49%/Q01130
 C-PLACE1010202
 C-PLACE1010261//SEGREGATION DISTORTER PROTEIN//1.6E-77//214aa//62%/P25722
 10 C-PLACE1010274//Homo sapiens mRNA; cDNA DKFZp5640123 (from clone DKFZp5640123)//0//1964bp//99%/AL080122
 C-PLACE1010293
 C-PLACE1010321//NON-GREEN PLASTID TRIOSE PHOSPHATE TRANSLOCATOR PRECURSOR (CTPT)//1.1E-09//350aa//22%/P52178
 15 C-PLACE1010324
 C-PLACE1010329
 C-PLACE1010362//1-PHOSPHATIDYLINOSITOL PHOSPHODIESTERASE PRECURSOR (EC 3.1.4.10) (PHOSPHATIDYLINOSITOL-SPECIFIC PHOSPHOLIPASE C) (PI-PLC)//0.000000002//126aa//29%/P34024
 C-PLACE1010364
 20 C-PLACE1010383
 C-PLACE1010481//Homo sapiens mRNA for KIAA0836 protein, partial cds//0//2121bp//99%/AB020643
 C-PLACE1010491
 C-PLACE1010492
 C-PLACE1010522//Homo sapiens mRNA for DEPP (decidual protein induced by progesterone), complete cds//0//1981bp//99%/AB022718
 25 C-PLACE1010529
 C-PLACE1010547//INTRACELLULAR PROTEIN TRANSPORT PROTEIN USO1//0.00000012//616aa//24%/P253 86
 C-PLACE1010599//Homo sapiens Pex14 mRNA for peroxisomal membrane anchor protein, complete cds//0//1904bp//99%/AB017546
 30 C-PLACE1010616
 C-PLACE1010622//TROPONIN T, CARDIAC MUSCLE ISOFORMS (TNTC)//0.00000016//120aa//28%/P02642
 C-PLACE1010629
 C-PLACE1010630
 35 C-PLACE1010661//TESTIS-SPECIFIC PROTEIN PBS13//5.7E-75//423aa//39%/Q01755
 C-PLACE1010714
 C-PLACE1010720//Homo sapiens mRNA for chromosome-associated polypeptide-C, complete cds//4E-299//1091bp//99%/AB019987
 C-PLACE1010743//Homo sapiens myosin-IXb splice variant (Myo9b) mRNA, partial cds//8.9E-91//668bp//82%/AF020267
 40 C-PLACE1010771//M.musculus HCNGP mRNA//7.4E-168//966bp//89%/X68061
 C-PLACE1010786
 C-PLACE1010800
 C-PLACE1010811
 45 C-PLACE1010870//ZINC FINGER PROTEIN 91 (ZINC FINGER PROTEIN HTF10) (HPF7)//1.3E-143//407aa//58%/Q05481
 C-PLACE1010877//Homo sapiens mRNA for KIAA0610 protein, partial cds//0//1885bp//99%/AB011182
 C-PLACE1010900
 C-PLACE2000050
 50 C-PLACE4000522//NEUROGENIC LOCUS NOTCH PROTEIN HOMOLOG PRECURSOR (XOTCH PROTEIN)-//2.4E-191//828aa//48%/P21783
 C-PLACE4000590
 C-PLACE4000638
 C-PLACE4000650//TUBERIN (TUBEROUS SCLEROSIS 2 HOMOLOG PROTEIN)//7.9E-17//201aa//34%/P49816
 55 C-Y79AA1001647

5 [0316] Data include

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F-NT2RP2005776//POLY(A) POLYMERASE (EC 2.7.7.19) (PAP) (POLYNUCLEOTIDE ADENYLYLTRANSFERASE) (FRAGMENT)//7.4e-38//136//41//P51003
 F-NT2RP2005806//A-AGGLUTININ ATTACHMENT SUBUNIT PRECURSOR//4.0e-08//180//28//P32323
 F-NT2RP2005882
 5 F-NT2RP3001282//METHYL-ACCEPTING CHEMOTAXIS PROTEIN TLPB//0.0022//69//39//P39217
 F-NT2RP3001723//TRANSCRIPTIONAL REGULATORY PROTEIN ALGP (ALGINATE REGULATORY PROTEIN ALGR3)//0.00035//127//31//P15276
 F-NT2RP3002099//NONHISTONE CHROMOSOMAL PROTEIN HMG-17//0.97//71//28//P05204
 F-NT2RP3003155//CCAAT DISPLACEMENT PROTEIN (HOMEBOX PROTEIN CLOX) (CLOX-1) (FRAGMENT)//0.064//110//34//P39881
 10 F-NT2RP3004028//NADH-UBIQUINONE OXIDOREDUCTASE CHAIN 5 (EC 1.6.5.3) (FRAGMENT)//0.020//95//29//P15583
 F-OVARC1000008//SKIN SECRETORY PROTEIN XP2 PRECURSOR (APEG PROTEIN)//2.8e-05//165//29//P17437
 15 F-OVARC1000724//SALIVARY PROLINE-RICH PROTEIN PO (ALLELE K) [CONTAINS: PEPTIDE P-D] (FRAGMENT)//0.035//152//30//P10162
 F-OVARC1000751//TRANS-ACTING TRANSCRIPTIONAL PROTEIN ICPO (VMW118 PROTEIN)//0.38//124//31//P28284
 F-OVARC1001029
 20 F-PLACE1000814//EC PROTEIN HOMOLOG 2 (FRAGMENT)//0.45//61//24//Q42377
 F-PLACE1003030//GALECTIN-3 (GALACTOSE-SPECIFIC LECTIN 3) (MAC-2 ANTIGEN) (IGE-BINDING PROTEIN) (35 KD LECTIN) (CARBOHYDRATE BINDING PROTEIN 35) (CBP 35) (LAMININ-BINDING PROTEIN) (LECTIN L-29)//0.70//121//32//P47845
 F-PLACE1005549//RHO1 GDP-GTP EXCHANGE PROTEIN 1 (PROTEIN KINASE C SUPPRESSOR SKC1)//3.2e-08//205//24//P53046
 25 F-PLACE1007218//IG KAPPA CHAIN V-III REGION (PC 7210)//0.99//52//38//P01668

Homology Search Result Data 8.

30 **[0318]** The result of the homology search of the GenBank using the clone sequence of 5'-end (54 clones selected in EXAMPLE 16.) except EST and STS.

[0319] Data include

the name of clone,
 35 definition of the top hit data,
 the P-value: the length of the compared sequence: identity (%), and
 the Accession No. of the top hit data, as in the order separated by //.

[0320] Data are not shown for the clones in which the P-value was higher than 1.

40 F-HEMBA1000497
 F-HEMBA1001750//Human mitochondrial genes for several tRNAs (Phe, Val, Leu) and 12S and 16S ribosomal RNAs//6.6e-101//473//99//V00710
 F-HEMBA1003854//Homo sapiens clone RG270D13, *** SEQUENCING IN PROGRESS ***, 18 unordered pieces//1.7e-05//412//61//AC005081
 45 F-HEMBA1004193//Human BAC clone RG343H22 from 7q31, complete sequence//0.77//466//59//AC002386
 F-HEMBA1004860//Human pigment epithelium-derived factor gene, complete cds//6.7e-07//492//57//U29953
 F-HEMBA1005572//HZF-16=Kruppel-related zinc finger gene homolog {alternatively spliced} [human, hepatoblastoma cell line, HEP-G2, mRNA, 2080 nt]//2.9e-47//341//77//S54641
 50 F-HEMBA1006038//Human DNA sequence from clone 989H11 on chromosome 22q13.1-13.2, complete sequence//0.28//436//59//Z83851
 F-HEMBA1006092//Human chromosome 16p13.11 BAC clone CIT987SK-29B12 complete sequence//0.28//309//60//U95738
 F-HEMBA1006406//HS_2268_B2_C07_MR CIT Approved Human Genomic Sperm Library D Homo sapiens genomic clone Plate=2268 Col=14 Row=F, genomic survey sequence//3.7e-69//340//99//AQ070566
 55 F-HEMBA1006650//H.sapiens CpG island DNA genomic Mse1 fragment, clone 5h5, forward read cpg5h5.f1a//9.4e-24//143//96//Z55730
 F-HEMBA1006812//X.laevis xUBFalphal mRNA for upstream binding factor 2//0.96//234//64//X59863

- F-HEMBB1000672//CIT-HSP-2350H6.TF CIT-HSP Homo sapiens genomic clone 2350H6, genomic survey sequence.//1.1e-68//375//94//AQ059158
- F-HEMBB1001197//Drosophila melanogaster strawberry notch (sno) mRNA, complete cds.//2.8e-10//229//66//U95760
- 5 F-HEMBB1001871//Equus caballus dermatan sulfate proteoglycan II mRNA, complete cds.//1.2e-27//619//62//AF038127
- F-MAMMA1001252
- F-MAMMA1002094//H.sapiens CpG island DNA genomic MseI fragment, clone 184g7, forward read cpg184g7.ft1a.//3.4e-29//167//97//Z59993
- 10 F-NT2RM4000634//Chionoecetes opilio (clone COP41) DNA microsatellite repeat regions.//1.4e-21//230//73//L49136
- F-NT2RM4000657//Human mRNA for phospholipase C, complete cds.//0.029//245//61//D42108
- F-NT2RM4000783//Homo sapiens chromosome 16, cosmid clone 330D11 (LANL), complete sequence.//3.7e-36//324//70//AC005199
- 15 F-NT2RM4000857//RPCI11-49P19.TJ RPCI-11 Homo sapiens genomic clone RPCI-11-49P19, genomic survey sequence.//1.5e-62//322//97//AQ051961
- F-NT2RM4001178//Streptomyces coelicolor cosmid 7H1.//0.0025//296//62//AL021411
- F-NT2RM4002420//Homo sapiens chromosome 17, clone hRPK.63_A_1, complete sequence.//0.00013//121//76//AC005670
- 20 F-NT2RP2000198//Human platelet glycoprotein IX mRNA, 3' end.//0.016//246//62//M25827
- F-NT2RP2000551//Rattus norvegicus microsatellite sequence clone 82G9.//2.0e-08//223//69//AJ233812
- F-NT2RP2000660//Homo sapiens chromosome 19, cosmid R30953, complete sequence.//0.0073//209//66//AC005622
- F-NT2RP2001214
- 25 F-NT2RP2001460//Homo sapiens PAC clone DJ0905J08 from 7p12-p14, complete sequence.//1.0//80//76//AC005189
- F-NT2RP2001756//CIT-HSP-2373P1.TR CIT-HSP Homo sapiens genomic clone 2373P1, genomic survey sequence.//3.0e-38//220//94//AQ110589
- F-NT2RP2002056//Genomic sequence from Human 17, complete sequence.//1.2e-80//317//91//AC002094
- 30 F-NT2RP2002677//Homo sapiens chromosome 10 clone CIT987SK-1031G15 map 10q25, *** SEQUENCING IN PROGRESS ***, 1 ordered pieces.//0.032//141//70//AC006097
- F-NT2RP2002755//Homo sapiens genomic DNA of 21q22.2 Down Syndrome region, segment 9/13.7/1.8e-22//377//69//AP000018
- F-NT2RP2002843//Homo sapiens BAC clone RG030L05 from 7q22, complete sequence.//6.5e-16//311//63//AC005050
- 35 F-NT2RP2003101//Human FMR1 gene, 5' end.//0.32//105//67//L19476
- F-NT2RP2003799//Human DNA for 5' terminal region of LINE-1 transposable element clone CGL1-4.//1.6e-33//119//96//X52233
- F-NT2RP2004095//HS_3083_A1_A02_MF CIT Approved Human Genomic Sperm Library D Homo sapiens genomic clone Plate=3083 Col=3 Row=A, genomic survey sequence.//1.0e-14//154//79//AQ106698
- 40 F-NT2RP2004732//CIT-HSP-631P16.TP CIT-HSP Homo sapiens genomic clone 631P16, genomic survey sequence.//2.3e-20//120//99//B79035
- F-NT2RP2004920//Plasmodium falciparum MAL3P4, complete sequence.//0.030//397//59//AL008970
- F-NT2RP2005454//Plasmodium falciparum chromosome 2, section 47 of 73 of the complete sequence.//0.97//455//56//AE001410
- 45 F-NT2RP2005776//H.sapiens PAP mRNA.//1.0e-33//451//68//X76770
- F-NT2RP2005806//Mus musculus musculus sex determining protein (Sry) gene, complete cds.//0.029//412//60//U70652
- F-NT2RP2005882//Human DNA sequence from PAC 389A20 on chromosome X contains ESTs STS, CpG islands and polymorphic CA repeat.//9.4e-25//155//90//Z93242
- 50 F-NT2RP3001282//RPCI11-52L16.TJ RPCI-11 Homo sapiens genomic clone RPCI-11-52L16, genomic survey sequence.//3.2e-21//122//100//AQ052775
- F-NT2RP3001723//H.sapiens CpG island DNA genomic MseI fragment, clone 13g5, reverse read cpg13g5.rt1a.//2.2e-18//163//85//Z56771
- 55 F-NT2RP3002099//Homo sapiens chromosome 17, clone hCIT.296_K_1, complete sequence.//1.3e-76//351//86//AC005180
- F-NT2RP3003155
- F-NT2RP3004028//Sequence 1 from patent US 5618695.//3.3e-13//217//70//I40055

F-OVARC1000008///0.0040//674//57//M82836
 F-OVARC1000724//Herpes simplex virus type I immediate early (IE) gene 3 for transcriptional activator IE175 (= ICP 4)//1.1e-07//519//59//X06461
 F-OVARC1000751//Homo sapiens DNA from chromosome 19, cosmid R29144, complete sequence//7.2e-11//509//62//AC004221
 F-OVARC1001029//Human DNA sequence from clone 19408 on chromosome 6q24.1-25.3 Contains STS and GSSs, complete sequence//1.1e-05//388//61//AL031769
 F-PLACE1000814//Homo sapiens BAC clone GS011E15 from 5q31, complete sequence//1.4e-84//717//78//AC002427
 F-PLACE1003030
 F-PLACE1005549//Human guanine nucleotide regulatory protein (NET1) mRNA, complete cds//4.9e-56//709//68//U02081
 F-PLACE1007218//Homo sapiens chromosome 20 clone RP3-387E22, *** SEQUENCING IN PROGRESS ***, in unordered pieces//3.1e-39//214//98//AL031660

Homology Search Result Data 9.

[0321] The result of the homology search of the GenBank using the clone sequence of 3'-end (54 clones selected in EXAMPLE 16.) except EST and STS.

[0322] Data include

the name of clone,
 definition of the top hit data,
 the P-value: the length of the compared sequence: identity (%), and
 the Accession No. of the top hit data, as in the order separated by //.

[0323] Blank indicates that the 3'-end sequence corresponding to the 5'-end was not determined in the clone.

[0324] Data are not shown for the clones in which the P-value was higher than 1.

R-HEMBA1000497//***ALU WARNING: Human Alu-J subfamily consensus sequence//1.4e-38//185//84//U14567
 R-HEMBA1001750//Hansenula wingei mitochondrial DNA, complete sequence//1.7e-07//399//59//D31785
 R-HEMBA1003854//Human DNA sequence from clone 224A6 on chromosome 1p35.1-36.23 Contains part of a gene similar to Mouse Wnt-4 protein, the gene for CDC42 (cell division cycle 42 (GTP-binding protein, 25kD)), ESTs, STSs, GSSs and a CpG Island, complete sequence//1.4e-75//309//85//AL031281
 R-HEMBA1004193//***ALU WARNING: Human Alu-J subfamily consensus sequence//1.1e-34//188//81//U14567
 R-HEMBA1004860//Homo sapiens 12q13.1 PAC RPCI3-197B17 (Roswell Park Cancer Institute Human PAC library) complete sequence//1.3e-06//239//66//AC004241
 R-HEMBA1005572//Homo sapiens chromosome 21 PAC RPCIP704E14135Q2, complete sequence//3.1e-21//341//67//AJ010598
 R-HEMBA1006038//Homo sapiens chromosome 19, cosmid R34094, complete sequence//1.7e-24//307//71//AC004678
 R-HEMBA1006092//H.Sapiens mRNA for alpha2-subunit of soluble guanylyl cyclase//0.76//246//62//X63282
 R-HEMBA1006406//Human DNA sequence from clone 113J7 on chromosome Xp11.22-11.4 Contains part of a putative Homeobox (pseudo?) gene, ESTs and an STS, complete sequence//1.3e-31//297//77//AL023574
 R-HEMBA1006650//Homo sapiens BAC clone BK085E05 from 22q12.1-qter, complete sequence//1.8e-15//350//65//AC003071
 R-HEMBA1006812//Homo sapiens chromosome X clone RP3-424J12, *** SEQUENCING IN PROGRESS ***, in unordered pieces//1.8e-55//430//81//Z82207
 R-HEMBA1000672//Homo sapiens clone UWGC:y54c283 from 6p21, complete sequence//9.1e-39//437//71//AC006166
 R-HEMBA1001197//Homo sapiens PAC clone DJ0964C11 from 7p14-p15, complete sequence//1.5e-37//275//85//AC004593
 R-HEMBA1001871//Plasmodium falciparum chromosome 12 clone 3D7, *** SEQUENCING IN PROGRESS ***, 5 unordered pieces//0.00097//410//59//AC004688
 R-MAMMA1001252//Homo sapiens clone 201104, *** SEQUENCING IN PROGRESS ***, 4 unordered pieces//2.9e-13//364//64//AC004529
 R-MAMMA1002094//HS_3163_A1_A09_MR CIT Approved Human Genomic Sperm Library D Homo sapiens genomic clone Plate=3163 Col=17 Row=A, genomic survey sequence//5.9e-41//256//91//AQ141441

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R-NT2RM4000634//Homo sapiens chromosome 19, cosmid R30783, complete sequence.//1-6e-21//283//73//AC005258
R-NT2RM4000657
R-NT2RM4000783
5 R-NT2RM4000857//RPCI11-63K2.TK RPCI-11 Homo sapiens genomic clone RPCI-11-63K2, genomic survey sequence.//4.0e-07//62//98//AQ203073
R-NT2RM4001178
R-NT2RM4002420
10 R-NT2RP2000198//Homo sapiens Chromosome 16 BAC clone CIT987-SK37914 -complete genomic sequence, complete sequence.//0.58//108//67//AC002307
R-NT2RP2000551//Homo sapiens DNA, pseudoautosomal boundary-like sequence PABL2.//6.2e-72//391//87//D30043
R-NT2RP2000660//Homo sapiens chromosome 17, clone hRPK.640_1_15, complete sequence.//0.0058//166//69//AC005324
15 R-NT2RF2001214//Saccharomyces douglasii mitochondrial tRNA-Ser and tRNA-Phe genes, partial sequence, and Var1p (var1) gene, mitochondrial gene encoding mitochondrial protein, complete cds.//0.93//117//65//U49822
R-NT2RP2001460
R-NT2RP2001756//CIT-HSP-2382021.TR CIT-HSP Homo sapiens genomic clone 2382021, genomic survey sequence.//3.4e-91//507//92//AQ114228
20 R-NT2RP2002056//Homo sapiens DNA sequence from PAC 95C20 on chromosome Xp11.3-11.4. Contains STSs and the DXS7 locus with GT and GTG repeat polymorphisms, complete sequence.//0.00022//225//69//Z97181
R-NT2RP2002677//CIT-HSP-2349K20.TF CIT-HSP Homo sapiens genomic clone 2349K20, genomic survey sequence.//3.1e-29//178//94//AQ062168
R-NT2RP2002755//Human DNA sequence from cosmid U65A4, between markers DXS366 and DXS87 on chromosome X *.//5.3e-39//449//72//Z81014
25 R-NT2RP2002843//Homo sapiens chromosome 17, clone hRPK.22_N_12, complete sequence.//0.0097//498//59//AC005412
R-NT2RP2003101//CIT-HSP-238301.TR CIT-HSP Homo sapiens genomic clone 238301, genomic survey sequence.//1.2e-32//344//75//AQ196754
30 R-NT2RP2003799//3.6e-05//408//60//AL010237
R-NT2RP2004095//Plasmodium falciparum chromosome 4 strain 3D7, *** SEQUENCING IN PROGRESS ***, in unordered pieces.//2.1e-10//455//61//AL034557
R-NT2RP2004732//Human DNA sequence from clone 703H14 on chromosome 1q23.2-24.3 Contains 3' end of a novel gene, ESTs, CA repeat(D1S445), STS, GSSs, complete sequence.//5.1e-51//383//74//AL031287
35 R-NT2RP2004920//Homo sapiens chromosome 5, P1 clone 878H11 (LBNL H45), complete sequence.//0.062//315//61//AC005219
R-NT2RP2005454//Human DNA sequence from PAC 121G13 on chromosome 6 contains flow sorted chromosome 6 HindIII fragment ESTs. polymorphic CA repeat, CpG island, CpG island genomic fragments.//0.75//246//63//Z86062
40 R-NT2RP2005776//Homo sapiens PAC clone DJ1189D06 from 7p15.3-p14, complete sequence.//0.91//232//61//AC005232
R-NT2RP2005806//Human neurofibromatosis type 1 (NF1) gene, intron 19a, complete sequence.//1.3e-19//405//66//U37368
R-NT2RP2005882//Plasmodium falciparum MAL3P1, complete sequence.//1.1e-09//533//60//Z97348
45 R-NT2RP3001282//Plasmodium falciparum MAL3P8, complete sequence.//0.00026//499//58//AL034560
R-NT2RP3001723//Human BAC clone RG354L07 from 7q31, complete sequence.//0.00035//337//61//AC002466
R-NT2RP3002099//Homo sapiens chromosome 17, clone hCIT.296_K_1, complete sequence.//1.8e-44//307//86//AC005180
R-NT2RP3003155
50 R-NT2RP3004028//F14A6-Sp6 IGF Arabidopsis thaliana genomic clone F14A6, genomic survey sequence.//0.95//95//65//B21351
R-OVARC1000008
R-OVARC1000724//Homo sapiens BAC clone RG017K18 from 7q31, complete sequence.//0.91//83//71//AC005161
55 R-OVARC1000751//HS_2222_A2_C09_MR CIT Approved Human Genomic Sperm Library D Homo sapiens genomic clone Plate=2222 Col=18 Row=E, genomic survey sequence.//2.8e-12//176//72//AQ033143
R-OVARC1001029//Homo sapiens Xp22 Cosmid U151G1 (from Lawrence Livermore X library) and PAC RPCI1-93D11 (from Roswell Park Cancer Center) complete sequence.//1.2e-09//165//75//AC002357

R-PLACE1000814//Homo sapiens BAC clone GS465N13 from 7p15-p21, complete sequence.//6.2e-52//514//75//AC004744
R-PLACE1003030//Homo sapiens snRNA activating protein complex 190kD subunit (SNAP190) mRNA, complete cds.//9.6e-33//225//90//AF032387
5 R-PLACE10e5549//Arabidopsis thaliana genomic DNA, chromosome 5, TAC clone: K19P17, complete sequence.//0.097//323//61//AB007644
R-PLACE1007218//Homo sapiens chromosome 20 clone RP3-387E22, *** SEQUENCING IN PROGRESS ***, in unordered pieces.//1.1e-88//497//91//AL031660

10 Homology Search Result Data 10.

[0325] The result of the homology search of the Human Unigene using the clone sequence of 5'-end (54 clones selected in EXAMPLE 16.) .

[0326] Data include

15 the name of clone,
the title of the top hit data,
the P-value: the length of the compared sequence: identity (%), and
the Accession No. of the top hit data, as in the order separated by //.

20 [0327] Data are not shown for the clones in which the P-value was higher than 1.

F-HEMBA1000497//ou15a11.x1 Soares_NFL_T_GBC_S1 Homo sapiens cDNA clone IMAGE:1626332 3', mRNA sequence.//1.0//186//65//AI018130
25 F-HEMBA1001750//Human mRNA for TI-227H.//2.5e-101//473//99//D50525
F-HEMBA1003854//Homo sapiens mRNA for KIAA1031 protein, partial cds.//7.2e-06//103//80//AB028954
F-HEMBA1004193//Homo sapiens mRNA for TL132.//0.75//334//59//AJ012755
F-HEMBA1004860//ny07e01.s1 NCI_CGAP_GCB1 Homo sapiens cDNA clone IMAGE:1271064 3' similar to contains Alu repetitive element; mRNA sequence.//3.7e-06//140//70//AA749151
30 F-HEMBA1005572//HZF-16=Kruppel-related zinc finger gene homolog {alternatively spliced} [human, hepatoblastoma cell line, HEP-G2, mRNA, 2080 nt].//1.1e-48//341//77//S54641
F-HEMBA1006038//Homo sapiens gene for insulin receptor substrate-2, complete cds.//0.036//297//60//AB000732
F-HEMBA1006092//ab80f12.s1 Stratagene fetal retina 937202 Homo sapiens cDNA clone IMAGE:853295 3' similar to contains Alu repetitive element; mRNA sequence.//0.65//150//63//AA663266
35 F-HEMBA1006406//ws26e11.x1 NCI_CGAP_GC6 Homo sapiens cDNA clone IMAGE:2498348 3' similar to TR:002710 002710 GAG POLYPROTEIN ; mRNA sequence.//1.4e-32//518//67//AI989639
F-HEMBA1006650//Homo sapiens Arp2/3 protein complex subunit p20-Arc (ARC20) mRNA, complete cds.//1.3e-19//136//90//AF006087
40 F-HEMBA1006812//zh49f01.s1 Soares_fetal_liver_spleen_1NFLS_S1 Homo sapiens cDNA clone IMAGE:415417 3', mRNA sequence.//1.3e-120//579//98//W80404
F-HEMBA100672//Homo sapiens mRNA for KIAA1040 protein, partial cds.//0.00047//706//57//AB028963
F-HEMBA1001197//tq45e03.x1 NCI_CGAP_Ut1 Homo sapiens cDNA clone IMAGE:2211772 3' similar to TR:001940 001940 STRAWBERRY NOTCH ; mRNA sequence.//1.2e-16//117//92//AI580023
45 F-HEMBA1001871//Human chondroitin/dermatan sulfate proteoglycan (PG40) core protein mRNA, complete cds.//4.6e-26//527//62//M14219
F-MAMMA1001252
F-MAMMA1002094
F-NT2RM4000634//DKFZp434D1813_r1 434 (synonym: htes3) Homo sapiens cDNA clone DKFZp434D1813 5', mRNA sequence.//9.7e-16//226//69//AL040136
50 F-NT2RM4000657//Homo sapiens mRNA for KIAA1069 protein, partial cds.//7.6e-179//817//99//AB028992
F-NT2RM4000783//wd82f06.x1 NCI_CGAP_Lu24 Homo sapiens cDNA clone IMAGE:2338115 3', mRNA sequence.//1.8e-20//470//65//AI703299
F-NT2RM4000857//Homo sapiens KIAA0416 mRNA, partial cds.//1.9e-46//749//65//AB007876
55 F-NT2RM4001178//Homo sapiens protein tyrosine phosphatase (PAC-1) mRNA, complete cds.//0.0024//254//63//L11329
F-NT2RM4002420//wg39f11.x1 Soares_NSF_F8_9W_OT_PA_P_S1 Homo sapiens cDNA clone IMAGE:2367501 3' similar to contains element L1 L1 repetitive element ; mRNA sequence.//1.4e-13//127//84//AI742251

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F-NT2RP2000198//Human mRNA for platelet glycoprotein IX.//0.0033//241//62//X52997
 F-NT2RP2000551//ze37d12.s1 Soares retina N2b4HR Homo sapiens cDNA clone IMAGE:361175 3', mRNA sequence.//5.0e-07//116//71//AA017066
 F-NT2RP2000660//qx01g11.x1 NCI_CGAP_Br14 Homo sapiens cDNA clone IMAGE:1999364 3', mRNA sequence.//0.027//120//65//AI225283
 5 F-NT2RP2001214
 F-NT2RP2001460//wb50h10.x1 NCI_CGAP_GC6 Homo sapiens cDNA clone IMAGE:2309155 3', mRNA sequence.//0.0013//89//78//AI651878
 F-NT2RP2001756//zw54e12.s1 Soares_total_fetus_Nb2HF8_9w Homo sapiens cDNA clone IMAGE:773902 3' similar to TR:G456660 G456660 ZINC FINGER PROTEIN ZFP-1 ; mRNA sequence.//2.3e-18//120//93//AA427992
 10 F-NT2RP2002056//tw44g09.x1 NCI_CGAP_Ut1 Homo sapiens cDNA clone IMAGE:2262592 3' similar to contains Alu repetitive element; mRNA sequence.//2.4e-07//99//79//AI811687
 F-NT2RP2002677
 F-NT2RP2002755//zj83d10.s1 Soares_fetal_liver_spleen_1NFLS_S1 Homo sapiens cDNA clone IMAGE:461491 3' similar to contains element TAR1 repetitive element ; mRNA sequence.//1.9e-19//229//76//AA705059
 15 F-NT2RP2002843//wt88dl2.x1 NCI_CGAP_GC6 Homo sapiens cDNA clone IMAGE:2514551 3' similar to TR: P79522 P79522 MHC CLASS I REGION PROLINE RICH PROTEIN.; mRNA sequence.//8.2e-15//314//67//AI964055
 F-NT2RP2003101//wi65a03.x1 NCI_CGAP_Kid12 Homo sapiens cDNA clone IMAGE:2398156 3', mRNA sequence.//0.38//106//68//AI763133
 20 F-NT2RP2003799//Homo sapiens mRNA; cDNA DKFZp564C142 (from clone DKFZp564C142).//2.5e-29//124//91//AL049979
 F-NT2RP2004095
 F-NT2RP2004732//Homo sapiens mRNA for KIAA0884 protein, partial cds.//2.6e-109//533//96//AB020691
 25 F-NT2RP2004920//wz68d10.x1 NCI_CGAP_Mel15 Homo sapiens cDNA clone IMAGE:2563219 3' similar to TR: 000172 000172 LINE-1 REVERSE TRANSCRIPTASE ; mRNA sequence.//0.0020//220//61//AI969546
 F-NT2RP2005454//Homo sapiens mRNA for KIAA0977 protein, complete cds.//0.058//143//69//AB023194
 F-NT2RP2005776//H.sapiens PAP mRNA.//4.3e-35//451//68//X76770
 F-NT2RP2005806//HSZ78328 Human fetal brain S. Meier-Ewert Homo sapiens cDNA clone 2.48 (CEPH) 3', mRNA sequence.//2.0e-05//385//62//Z78328
 30 F-NT2RP2005882//Human mRNA for KIAA0364 gene, complete cds.//7.3e-23//141//94//AB002362
 F-NT2RP3001282
 F-NT2RP3001723//ws73d05.x1 NCI_CGAP_Co3 Homo sapiens cDNA clone IMAGE:2503593 3' similar to contains MSR1.t1 TAR1 TAR1 repetitive element ; mRNA sequence.//2.6e-07//245//66//AW008782
 35 F-NT2RP3002099//yg49d01.s1 Soares infant brain 1NIB Homo sapiens cDNA clone IMAGE:36239 3', mRNA sequence.//0.58//164//64//R46086
 F-NT2RP3003155
 F-NT2RP3004028//Homo sapiens mRNA for KIAA1074 protein, complete cds.//1.3e-29//488//66//AB028997
 F-OVARC1000008//Homo sapiens mRNA for KIAA0665 protein, complete cds.//0.00032//430//59//AB014565
 40 F-OVARC1000724//Homo sapiens mRNA for KIAA0641 protein, complete cds.//0.0054//426//58//AB014541
 F-OVARC1000751//Human Tis11d gene, complete cds.//4.6e-12//527//62//U07802
 F-OVARC1001029//qv29c05.x1 NCI_CGAP_Ov31 Homo sapiens cDNA clone IMAGE:1982984 3' similar to contains element L1 repetitive element ; mRNA sequence.//0.0012//145//68//AI252422
 F-PLACE1000814//ak42f05.s1 Soares_testis_NHT Homo sapiens cDNA clone IMAGE:1408641 3', mRNA sequence.//7.1e-31//275//76//AA868469
 45 F-PLACE1003030
 F-PLACE1005549//Homo sapiens mRNA for Rho guanine nucleotide-exchange factor, splice variant NET1A.//1.2e-57//737//67//AJ010046
 F-PLACE1007218//yo34a08.s1 Soares adult brain N2b4HB55Y Homo sapiens cDNA clone IMAGE:179798 3', mRNA sequence.//2.2e-21//216//76//H52716
 50

Homology Search Result Data 11.

[0328] The result of the homology search of the Human Unigene using the clone sequence of 3'-end (54 clones selected in EXAMPLE 16.).
 55 [0329] Data include

the name of clone,

title of the top hit data,
the P-value: the length of the compared sequence: identity (%), and
the Accession No. of the top hit data, as in the order separated by //.

- 5 [0330] Blank indicates that the 3'-end sequence corresponding to the 5'-end was not determined in the clone.
[0331] Data are not shown for the clones in which the P-value was higher than 1.
- R-HEMBA1000497//np09h02.s1 NCI_CGAP_Pr3 Homo sapiens cDNA clone IMAGE:1115859 similar to contains
Alu repetitive element;contains element MER22 repetitive element ; mRNA sequence.//6.2e-38//185//83//
10 AA614254
R-HEMBA1001750//yy71b10.s1 Soares_multiple_sclerosis_2NbHMSP Homo sapiens cDNA clone IMAGE:
278971 3', mRNA sequence.//0.004511193//63//N63303
R-HEMBA1003854//Homo sapiens mRNA; cDNA DKFZp564F133 (from clone DKFZp564F133).//3.4e-72//310//
80//AL049263
15 R-HEMBA1004193//tr01e08.x1 NCI_CGAP_Ov23 Homo sapiens cDNA clone IMAGE:2217062 3' similar to con-
tains Alu repetitive element;contains element MER4 repetitive element ; mRNA sequence.//1.5e-33//186//81//
AI914747
R-HEMBA1004860//qh16b06.x1 Soares_NFL_T_GBC_S1 Homo sapiens cDNA clone IMAGE:1844819 3', mRNA
sequence.//0.017//118//69//AI218308
20 R-HEMBA1005572//wj16h05.x1 NCI_CGAP_Kid12 Homo sapiens cDNA clone IMAGE:2403033 3', mRNA se-
quence.//4.6e-111//522//99//AI861830
R-HEMBA1006038//DKFZp434E1117_r1 434 (synonym: htes3) Homo sapiens cDNA clone DKFZp434E1117 5',
mRNA sequence.//1.2e-22//295//72//AL041450
R-HEMBA1006092//qt30d09.x1 Soares_pregnant_uterus_NbHPU Homo sapiens cDNA clone IMAGE: 1949489
25 3' similar to contains element PTR5 repetitive element ; mRNA sequence.//1.4e-87//422//98//AI337963
R-HEMBA1006406//Homo sapiens mRNA for KIAA0752 protein, partial cds.//4.1e-30//291-//76//AB018295
R-HEMBA1006650//H.sapiens mRNA for serine/threonine protein kinase EMK.//3.6e-09//319//62//X97630
R-HEMBA1006812//Human mRNA for KIAA0118 gene, partial cds.//3.1e-52//337//87//D42087
R-HEMBA100672//Homo sapiens mRNA; cDNA DKFZp434M011 (from clone DKFZp434M011).//3.2e-48//276//
30 74//AL096734
R-HEMBA1001197//zt35b11.r1 Soares ovary tumor NbHOT Homo sapiens cDNA clone IMAGE:724317 5' similar
to contains Alu repetitive element; mRNA sequence.//9.9e-44//275//88//AA410788
R-HEMBA1001871//wg20c02.x1 Soares_NSF_F8_9W_OT_PA_P_S1 Homo sapiens cDNA clone IMAGE:
2365634 3', mRNA sequence.//6.3e-104//501//98//AI741321
35 R-MAMMA1001252//aa61h04.s1 NCI_CGAP_GCB1 Homo sapiens cDNA clone IMAGE:825463 3' similar to con-
tains Alu repetitive element;contains element XTR repetitive element ; mRNA sequence.//9.0e-19//127//91//
AA504355
R-MAMMA1002094//wd28h12.x1 Soares_NFL_T_GBC_S1 Homo sapiens cDNA clone IMAGE:2329511 3', mR-
NA sequence.//2.5e-68//328//99//AI936520
40 R-NT2RM4000634//DKFZp434F2016_s1 434 (synonym: htes3) Homo sapiens cDNA clone DKFZp434F2016 3',
mRNA sequence.//8.2e-20//185//81//AL041146
R-NT2RM4000657//Homo sapiens mRNA for KIAA1069 protein, partial cds.//5.7e-62//335//94//AB028992
R-NT2RM4000783
R-NT2RM4000857//Human megakaryocyte stimulating factor mRNA, complete cds.//0.00074//360//61//U70136
45 R-NT2RM4001178//tk08e03.x1 NCI_CGAP_Lu24 Homo sapiens cDNA clone IMAGE:2150428 3', mRNA se-
quence.//0.77//96//62//AI457506
R-NT2RM4002420//wl58b04.x1 NCI_CGAP_Bm25 Homo sapiens cDNA clone IMAGE:2429071 3', mRNA se-
quence.//2.4e-85//438//94//AI857508
R-NT2RP2000198//nx19b11.s1 NCI_CGAP_GC3 Homo sapiens cDNA clone IMAGE:1256541 3', mRNA se-
50 quence.//1.9e-45//270//91//AA738352
R-NT2RP2000551//tg80h11.x1 Soares_NhHMPu_S1 Homo sapiens cDNA clone IMAGE:2115141 3', mRNA se-
quence.//3.3e-53//311//85//AI417680
R-NT2RP2000660//ns42a06.s1 NCI_CGAP_GCB1 Homo sapiens cDNA clone IMAGE:1186258 3', mRNA se-
quence.//4.3e-26//142//97//AA805691
55 R-NT2RP2001214//tw65g08.x1 NCI_CGAP_Ut3 Homo sapiens cDNA clone IMAGE:2264606 3' similar to contains
element MSR1 repetitive element ; mRNA sequence.//1.5e-57//289//97//AI680174
R-NT2RP2001460
R-NT2RP2001756//zw54e12.s1 Soares_total_fetus_Nb2HF8_9w Homo sapiens cDNA clone IMAGE:773902 3'

similar to TR:G456660 G456660 ZINC FINGER PROTEIN ZFP-1 ; mRNA sequence //6.0e-13//85//96//AA427992
 R-NT2RP2002056//yh26a12.s1 Soares placenta Nb2HP Homo sapiens cDNA clone IMAGE:130846 3', mRNA
 sequence //0.0016//208//65//R22302
 R-NT2RP2002677//Homo sapiens mRNA for KIAA0524 protein, partial cds //3.4e-26//339//71//AB011096
 5 R-NT2RP2002755//qd50d10.x1 Soares_fetal_heart_NbHH19W Homo sapiens cDNA clone IMAGE:1732915 3',
 mRNA sequence //1.5e-26//419//66//A190698
 R-NT2RP2002843//at31f08.x1 Barstead colon HPLRB7 Homo sapiens cDNA clone IMAGE:2373639 3' similar to
 contains L1.t1 L1 repetitive element; mRNA sequence //1.8e-45//463//74//A1749673
 R-NT2RP2003101//ty24h05.x1 NCI_CGAP_Ut3 Homo sapiens cDNA clone IMAGE:2280057 3', mRNA se-
 10 quence //7.5e-73//347//99//A1758824
 R-NT2RP2003799//Homo sapiens mRNA for KIAA0751 protein, complete cds //0.0026//247//65//AB018294
 R-NT2RP2004095//zv08c02.s1 Soares_NhHMPu_S1 Homo sapiens cDNA clone IMAGE:753026 3' similar to con-
 tains element MER32 repetitive element ; mRNA sequence //9.6e-07//188//66//AA436455
 R-NT2RP2004732//tu60a07.x1 NCI_CGAP_Gas4 Homo sapiens cDNA clone IMAGE:2255412 3' similar to con-
 15 tains Alu repetitive element; contains element L1 repetitive element ; mRNA sequence //4.3e-25//414//68//
 A1678956
 R-NT2RP2004920//wd13h02.x1 NCI_CGAP_Co3 Homo sapiens cDNA clone IMAGE:2328051 3', mRNA se-
 quence //6.8e-91//483//93//A1694022
 R-NT2RP2005454//yy77g09.s1 Soares_multiple_sclerosis_2NbHMSP Homo sapiens cDNA clone IMAGE:
 20 279616 3', mRNA sequence //0.0070//325//59//N48302
 R-NT2RP2005776//qq97d06.x1 Soares_total_fetus_Nb2HF8_9w Homo sapiens cDNA clone IMAGE:1939307 3',
 mRNA sequence //7.5e-08//89//82//A1338419
 R-NT2RP2005806//wc29h01.x1 NCI_CGAP_Kid11 Homo sapiens cDNA clone IMAGE:2316625 3' similar to con-
 tains MER2.b3 MER2 repetitive element ; mRNA sequence //3.2e-16//235//71//A1671398
 25 R-NT2RP2005882//wo31f09.x1 NCI_CGAP_Gas4 Homo sapiens cDNA clone IMAGE:2456969 3', mRNA se-
 quence //0.00095//352//59//A1925528
 R-NT2RP3001282//wg35b03.x1 Soares_NSF_F8_9W_OT_PA_P_S1 Homo sapiens cDNA clone IMAGE:
 2367053 3', mRNA sequence //1.7e-113//555//97//A1769199
 R-NT2RP3001723//wo48e06.x1 NCI_CGAP_Gas4 Homo sapiens cDNA clone IMAGE:2458594 3', mRNA se-
 30 quence //4.2e-98//471//98//A1926617
 R-NT2RP3002099//DKFZp564L227_s1 564 (synonym: hfbr2) Homo sapiens cDNA clone DKFZp564L227 3', mR-
 NA sequence //9.2e-50//329//87//AL037910
 R-NT2RP3003155//zp07a07.s1 Stratagene ovarian cancer (#937219) Homo sapiens cDNA clone IMAGE:595668
 3', mRNA sequence //1.4e-30//159//99//AA173172
 35 R-NT2RP3004028//Homo sapiens protein kinase C-alpha mRNA, partial 3' UTR //0.43//66//75//AF035594
 R-OVARC1000008//wa69e12.x1 Soares_NFL_T_GBC_S1 Homo sapiens cDNA clone IMAGE:2301454 3', mRNA
 sequence //1.0e-77//376//98//A1699393
 R-OVARC1000724//tf94b10.x1 NCI_CGAP_CLL1 Homo sapiens cDNA clone IMAGE:2106907 3', mRNA se-
 quence //0.71//27//100//A1380236
 40 R-OVARC1000751//og93d04.s1 NCI_CGAP_Kid5 Homo sapiens cDNA clone IMAGE:1455847 3', mRNA se-
 quence //3.5e-13//274//63//AA863306
 R-OVARC1001029//yz96e02.r1 Soares melanocyte 2NbHM Homo sapiens cDNA clone IMAGE:290906 5' similar
 to contains Alu repetitive element; contains element PTR5 repetitive element ; mRNA sequence //3.5e-13//175//74//
 N99464
 45 R-PLACE1000814//tg49a08.x1 Soares_NFL_T_GBC_S1 Homo sapiens cDNA clone IMAGE:2112086 3' similar
 to contains L1.t2 L1 L1 repetitive element; mRNA sequence //2.2e-18//285//69//A1424789
 R-PLACE1003030//Homo sapiens snRNA activating protein complex 190kD subunit (SNAP190) mRNA, complete
 cds //4.0e-34//225//90//AF032387
 R-PLACE1005549//tm26b11.x1 Soares_NFL_T_GBC_S1 Homo sapiens cDNA clone IMAGE:2157693 3', mRNA
 50 sequence //0.91//127//66//A1480253
 R-PLACE1007218//yq06e01.r1 Soares fetal liver spleen 1NFLS Homo sapiens cDNA clone IMAGE:196152 5'
 similar to contains Alu repetitive element; contains LTR4 repetitive element; mRNA sequence //2.4e-36//245//87//
 R92256

55 Homology Search Result Data 12.

[0332] Data obtained by the homology search for full-length nucleotide sequences and deduced amino acid sequenc-
 es. Each data includes Clone name, Definition in hit data, P value, Length of sequence to be compared, Homology,

and Accession number (No.) of hit data. These items are shown in this order and separated by a double-slash mark, //.

C-HEMBA1000012//PROBABLE LEUCYL-TRNA SYNTHETASE (EC 6.1.1.4) (LEUCINE--TRNA LIGASE) (LEURS)//6.4E-99//457aa//45%//Q09996

5 C-HEMBA1000020//Homo sapiens beta 2 gene.//7.5E-264//1194bp//95%//X02344

C-HEMBA1000129//HYTOTHEICAL HELICASE C8A4.08C IN CHROMOSOME I.//3.8E-25//166aa//36%//Q09884

C-HEMBA1000201//Homo sapiens mRNA for integrase interactor 1b protein (INI1B).//0//1612bp//99%//AJ011738

10 C-HEMBA1000216//HYPOXIA-INDUCIBLE FACTOR 1 ALPHA (HIF-1 ALPHA) (ARNT INTERACTING PROTEIN).//1E-86//146aa//56%//Q61221

C-HEMBA1000231

C-HEMBA1000264

C-HEMBA1000280

C-HEMBA1000282

15 C-HEMBA1000303//"Mus musculus Plenty of SH3s (POSH) mRNA, complete cds."//7.1E-254//1440bp//87%//AF030131

C-HEMBA1000333//"Homo sapiens mRNA for KIAA0874 protein, partial cds."//4.8E-253//1148bp//99%//AB020681

C-HEMBA1000351

20 C-HEMBA1000356//Homo sapiens mRNA; cDNA DKFZp566C243 (from clone DKFZp566C243).//3.3E-287//815bp//98%//AL050274

C-HEMBA1000396

C-HEMBA1000411//ANKYRIN.//5.7E-12//127aa//38%//Q02357

C-HEMBA1000442

25 C-HEMBA1000456

C-HEMBA1000504

C-HEMBA1000518//PECANEX PROTEIN.//2.1E-19//227aa//38%//P18490

C-HEMBA1000519

C-HEMBA1000523//TESTIS-SPECIFIC PROTEIN PBS13.//2.4E-44//292aa//36%//Q01755

30 C-HEMBA1000542//"Rattus norvegicus mRNA for dipeptidyl peptidase III, complete cds."//2.2E-194//663bp//83%//D89340

C-HEMBA1000545

C-HEMBA1000557

C-HEMBA1000592//"Homo sapiens sorting nexin 6 (SNX6) mRNA, complete cds."//0//1465bp//99%//AF121856

35 C-HEMBA1000594

C-HEMBA1000604

C-HEMBA1000622

C-HEMBA1000637

40 C-HEMBA1000655

C-HEMBA1000657//"Rattus norvegicus ADP-ribosylation factor-directed GTPase activating protein mRNA, complete cds."//7.2E-156//1366bp//76%//U35776

C-HEMBA1000749

C-HEMBA1000769

45 C-HEMBA1000773

C-HEMBA1000774

C-HEMBA1000822

C-HEMBA1000843

C-HEMBA1000852//ARYLSULFATASE D PRECURSOR (EC 3.1.6.-) (ASD).//1E-78//119aa//87%//P51689

50 C-HEMBA1000870

C-HEMBA1000908

C-HEMBA1000934

C-HEMBA1000972

C-HEMBA1000986

55 C-HEMBA1000991

C-HEMBA1001008

C-HEMBA1001059//"Human N-acetylgalactosamine 6-sulphatase (GALNS) gene, exon 14."//4.8E-169//786bp//99%//U06088

C-HEMBA1001094
 C-HEMBA1001302//"Homo sapiens calcium binding protein precursor, mRNA, complete cds."//9.6E-258//682bp//94%//AF153686
 C-HEMBA1001330
 5 C-HEMBA1001497
 C-HEMBA1001569//SYNAPTOBREVIN 2 (VESICLE ASSOCIATED MEMBRANE PROTEIN 2) (VAMP-2)//2.3E-53//110aa//100%//P19065
 C-HEMBA1001570
 C-HEMBA1001620//MYO-INOSITOL-1-PHOSPHATE SYNTHASE (EC 5.5.1.4) (IPS)//1.6E-166//506aa//60%//
 10 P42803
 C-HEMBA1001640
 C-HEMBA1001655
 C-HEMBA1001672//"Homo sapiens methyl-CpG binding domain-containing protein MBD3 (MBD3) mRNA, complete cds."//0//1707bp//98%//AF072247
 15 C-HEMBA1001711
 C-HEMBA1001723//"Rattus norvegicus G beta-like protein GBL mRNA, complete cds."//4.7E-172//1240bp//81%//AF051155
 C-HEMBA1001746//"Homo sapiens squamous cell carcinoma antigen recognized by T cell (SART-2) mRNA, complete cds."//7.6E-59//998bp//64%//AF098066
 20 C-HEMBA1001781
 C-HEMBA1001804//"Homo sapiens zinc finger DNA binding protein 99 (ZNF281) mRNA, complete cds."//0//1637bp//99%//AF125158
 C-HEMBA1001822//"Mus musculus Ese2L protein mRNA, complete cds."//1.9E-235//1329bp//89%//AF132479
 25 C-HEMBA1001824
 C-HEMBA1001866//UDP-GLUCOSE:GLYCOPROTEIN GLUCOSYLTRANSFERASE PRECURSOR (EC 2.4.1.-) (DUGT)//5.7E-51//234aa//41%//Q09332
 C-HEMBA1001910
 C-HEMBA1001913//GCN20 PROTEIN//2.3E-81//158aa//50%//P43535
 30 C-HEMBA1001921//"Homo sapiens germinal center kinase related protein kinase mRNA, complete cds."//0//1850bp//99%//AF000145
 C-HEMBA1001939
 C-HEMBA1001950//"Homo sapiens mRNA for KIAA0971 protein, complete cds."//0//1974bp//99%//AB023188
 35 C-HEMBA1001967//"Homo sapiens NY-REN-57 antigen mRNA, partial cds."//0//1721bp//99%//AF155114
 C-HEMBA1002035//Homo sapiens mRNA; cDNA DKFZp586E0518 (from clone DKFZp586E0518)//0//2149bp//99%//AL050089
 C-HEMBA1002092//"Mus musculus Olf-1/EBF-like-3 transcription factor (O/E-3) mRNA, complete cds."//1.3E-271//1583bp//88%//U92703
 40 C-HEMBA1002102//ANKYRIN//4.40E-10//106aa//35%//Q02357
 C-HEMBA1002150
 C-HEMBA1002151//"Rattus norvegicus p34 mRNA, complete cds."//1.1E-153//1059bp//82%//AF178669
 45 C-HEMBA1002189
 C-HEMBA1002215//TESTIN 2 (TES2) [CONTAINS: TESTIN 1 (TES1)]//2.2E-199//392aa//89%//P47226
 C-HEMBA1002229
 C-HEMBA1002241//PROLIFERATING-CELL NUCLEOLAR ANTIGEN P120 (PROLIFERATION-ASSOCIATED NUCLEOLAR PROTEIN P120)//3.70E-06//95aa//33%//P46087
 50 C-HEMBA1002341//"Homo sapiens mRNA for KIAA0771 protein, partial cds."//0//1514bp//99%//AB018314
 C-HEMBA1002417//"Homo sapiens chromosome 19, cosmid R28784, complete sequence."//1.4E-299//294bp//100%//AC005954
 C-HEMBA1002547//"Homo sapiens agrin precursor mRNA, partial cds."//0//1605bp//97%//AF016903
 55 C-HEMBA1002703
 C-HEMBA1002779
 C-HEMBA1002816
 C-HEMBA1002970

EP 1 074 617 A2

C-HEMBA1002999//"Rattus norvegicus lamina associated polypeptide 1C (LAP1C) mRNA, complete cds.
"//1.4E-171//1552bp//75%//U20286

C-HEMBA1003021

C-HEMBA1003077//SLIT PROTEIN PRECURSOR.//2.6E-15//199aa//31%//P24014

5 C-HEMBA1003079

C-HEMBA1003273

C-HEMBA1003304

C-HEMBA1003309

C-HEMBA1003376

10 C-HEMBA1003384

C-HEMBA1003531

C-HEMBA1003548

C-HEMBA1003556

C-HEMBA1003571

15 C-HEMBA1003579

C-HEMBA1003684//ZINC FINGER PROTEIN 151 (MIZ-1 PROTEIN).//2E-73//526aa//32%//Q13105

C-HEMBA1003692

C-HEMBA1003720

C-HEMBA1003725

20 C-HEMBA1003729

C-HEMBA1003758

C-HEMBA1003773//"Mus musculus signal recognition particle receptor beta subunit mRNA, complete cds.
"//5.8E-81//511bp//86%//U17343

C-HEMBA1003783//"Mus musculus bromodomain-containing protein BP75 mRNA, complete cds."//

25 1.1E-190//1204bp//84%//AF084259

C-HEMBA1003799

C-HEMBA1003804

C-HEMBA1003805//"Mus musculus KH domain RNA binding protein QKI-5A mRNA, complete cds."//

30 0//988bp//95%//AF090402

C-HEMBA1003836//MOB1 PROTEIN (MPS1 BINDER 1).//8.10E-31//134aa//52%//P40484

C-HEMBA1003856

C-HEMBA1003866//"Mus musculus semaphorin VIa mRNA, complete cds."//1.2E-105//1192bp//70%//

AF030430

C-HEMBA1003879

35 C-HEMBA1003880

C-HEMBA1003893

C-HEMBA1003908

C-HEMBA1003937

C-HEMBA1003942

40 C-HEMBA1003958

C-HEMBA1003976

C-HEMBA1003978//"Homo sapiens mRNA for KIAA0840 protein, partial cds."//0//1530bp//100%//

AB020647

C-HEMBA1003985

45 C-HEMBA1004011

C-HEMBA1004024

C-HEMBA1004038

C-HEMBA1004045

C-HEMBA1004048

50 C-HEMBA1004111//"Homo sapiens mRNA for KIAA1276 protein, partial cds."//1.00E-163//751bp//

99%//AB033102

C-HEMBA1004131//SEPTIN 2 HOMOLOG (FRAGMENT)//1.6E-166//416aa//72%//Q14141

C-HEMBA1004138

C-HEMBA1004143

55 C-HEMBA1004150

C-HEMBA1004168//"Homo sapiens geminin mRNA, complete cds."//3.9E-208//951 bp//99%//

AF067855

C-HEMBA1004200

EP 1 074 617 A2

C-HEMBA1004202//RAS-RELATED PROTEIN RAB-13.//6.2E-30//208aa//37%//P51153
 C-HEMBA1004203//NUCLEOLAR PROTEIN NOP2.//1.5E-12//258aa//29%//P40991
 C-HEMBA1004238
 C-HEMBA1004248//"Homo sapiens insulin induced protein 2 mRNA, complete cds."//8.20E-175//
 5 552bp//97%//AF125392
 C-HEMBA1004272
 C-HEMBA1004274
 C-HEMBA1004275//"Homo sapiens mRNA for KIAA1111 protein, partial cds."//0//1341bp//99%//
 AB029034
 10 C-HEMBA1004286//"Homo sapiens TGF beta receptor associated protein-1 mRNA, complete cds."//
 0//1982bp//99%//AF022795
 C-HEMBA1004312
 C-HEMBA1004321//ZINC FINGER PROTEIN 184 (FRAGMENT).//2.3E-93//357aa//42%//Q99676
 C-HEMBA1004323
 15 C-HEMBA1004327
 C-HEMBA1004330
 C-HEMBA1004341
 C-HEMBA1004366
 C-HEMBA1004372
 20 C-HEMBA1004389//"Homo sapiens zinc finger DNA binding protein 99 (ZNF281) mRNA, complete cds.
 "//0//1437bp//99%//AF125158
 C-HEMBA1004394
 C-HEMBA1004408//PEPTIDYL-PROLYL CIS-TRANS ISOMERASE 10 (EC 5.2.1.8) (PPIASE) (ROTAMASE) (CY-
 CLOPHILIN-10).//3.2E-32//148aa//52%//P52017
 25 C-HEMBA1004429
 C-HEMBA1004460
 C-HEMBA1004461
 C-HEMBA1004502
 C-HEMBA1004554
 30 C-HEMBA1004560
 C-HEMBA1004610
 C-HEMBA1004629
 C-HEMBA1004632
 C-HEMBA1004637
 35 C-HEMBA1004670
 C-HEMBA1004672
 C-HEMBA1004697
 C-HEMBA1004711
 C-HEMBA1004725
 40 C-HEMBA1004730
 C-HEMBA1004734//UBIQUITIN-CONJUGATING ENZYME E2-18 KD (EC 6.3.2.19) (UBIQUITIN- PROTEIN
 LIGASE) (UBIQUITIN CARRIER PROTEIN) (PM42).//9.9E-39//143aa//52%//P42743
 C-HEMBA1004751
 C-HEMBA1004752
 45 C-HEMBA1004889//"Human C3f mRNA, complete cds."//6.70E-24//341aa//26%//U72515
 C-HEMBA1004934
 C-HEMBA1004944
 C-HEMBA1004973
 C-HEMBA1004977
 50 C-HEMBA1005009//"Homo sapiens BAF53a (BAF53a) mRNA, complete cds."//0//1813bp//99%//
 AF041474
 C-HEMBA1005083
 C-HEMBA1005113
 C-HEMBA1005133
 55 C-HEMBA1005185
 C-HEMBA1005219//NUCLEAR PROTEIN SNF7.//5.3E-10//189aa//25%//P39929
 C-HEMBA1005252//"Homo sapiens mRNA for KIAA0585 protein, partial cds."//1.2E-268//1215bp//
 99%//AB011157

C-HEMBA1005296
 C-HEMBA1005314
 C-HEMBA1005331
 C-HEMBA1005394
 5 C-HEMBA1005403
 C-HEMBA1005423//"Homo sapiens cyclin-dependent kinase inhibitor (CDKN2C) mRNA, complete cds.
 "//2E-213//537bp//99%//AF041248
 C-HEMBA1005468
 C-HEMBA1005469
 10 C-HEMBA1005474
 C-HEMBA1005517
 C-HEMBA1005518
 C-HEMBA1005528//CCR4-ASSOCIATED FACTOR 1 (CAF1).//3.1E-154//285aa//99%//Q60809
 C-HEMBA1005558//NUCLEAR PROTEIN SNF7.//6.40E-16//170aa//31%//P39929
 15 C-HEMBA1005576//"Homo sapiens mRNA for KIAA0463 protein, partial cds."//1.1E-181//835bp//
 99%//AB007932
 C-HEMBA1005582//"TROPOMYOSIN 1, NON-MUSCLE ISOFORM (TROPOMYOSIN II) (CYTOSKELETAL
 TROPOMYOSIN)."//0.00000009//213aa//27%//P09492
 C-HEMBA1005583
 20 C-HEMBA1005595//"DYNEIN HEAVY CHAIN, CYTOSOLIC (DYHC)."//2.3E-54//562aa//29%//P34036
 C-HEMBA1005609//Homo sapiens mRNA; cDNA DKFZp564K133 (from clone DKFZp564K133).//2.2e-315//
 1448bp//99%//AL050012
 C-HEMBA1005621//"Homo sapiens Mad2B protein (MAD2B) mRNA, complete cds."//2.9E-224//
 1031bp//99%//AF139365
 25 C-HEMBA1005666
 C-HEMBA1005680
 C-HEMBA1005685
 C-HEMBA1005737//CALCINEURIN B SUBUNIT (PROTEIN PHOSPHATASE 2B REGULATORY SUBUNIT).//
 4.4E-17//167aa//34%//P25296
 30 C-HEMBA1005746
 C-HEMBA1005755
 C-HEMBA1005813
 C-HEMBA1005822
 C-HEMBA1005834
 35 C-HEMBA1005884
 C-HEMBA1005891
 C-HEMBA1005909
 C-HEMBA1005911
 C-HEMBA1005931
 40 C-HEMBA1005963
 C-HEMBA1005991
 C-HEMBA1006005
 C-HEMBA1006031//"Homo sapiens mRNA for putative phospholipase, complete cds."//0//1413bp//
 99%//AB019435
 45 C-HEMBA1006067
 C-HEMBA1006081
 C-HEMBA1006091
 C-HEMBA1006100
 C-HEMBA1006108//"Homo sapiens mRNA for KIAA0943 protein, partial cds."//4.8E-245//764bp//
 50 99%//AB023160
 C-HEMBA1006121
 C-HEMBA1006130//SEL-10 PROTEIN.//0.000000043//219aa//25%//Q93794
 C-HEMBA1006155
 C-HEMBA1006158//"Homo sapiens transcription factor forkhead-like 7 (FKHL7) gene, complete cds."
 55 //0//1551bp//99%//AF048693
 C-HEMBA1006182
 C-HEMBA1006198//PROLINE-RICH PROTEIN MP-2 PRECURSOR.//1.9E-19//215aa//39%//P05142
 C-HEMBA1006235//Homo sapiens clone 24422 mRNA sequence.//0//1615bp//99%//AF070557

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C-HEMBA1006253//DNA-DAMAGE-REPAIR/TOLERATION PROTEIN DRT111 PRECURSOR.//0.00000002//
 62aa//53%/P42698
 C-HEMBA1006259
 C-HEMBA1006272//RETROVIRUS-RELATED PROTEASE (EC 3.4.23.-)//1.3E-123//200aa//73%/P10265
 5 C-HEMBA1006278//POLY(A) POLYMERASE (EC 2.7.7.19) (PAP) (POLYNUCLEOTIDE ADENYLYLTRANS-
 FERASE).//1E-210//490aa//77%/P25500
 C-HEMBA1006283//NUCLEAR POLYADENYLATED RNA-BINDING PROTEIN NAB2.//0.000000012//176aa//
 30%/P32505
 C-HEMBA1006284
 10 C-HEMBA1006291//2-ARYLPROPIONYL-COA EPIMERASE (EC 5.-.-.-)//4.2E-12//215aa//23%/P70473
 C-HEMBA1006293
 C-HEMBA1006309//HYPOTHETICAL 54.2 KD PROTEIN IN ERP5-ORC6 INTERGENIC REGION.//1.4E-48//
 248aa//43%/P38821
 C-HEMBA1006349
 15 C-HEMBA1006364
 C-HEMBA1006381
 C-HEMBA1006398//"Human L1 element L1.6 putative p150 gene, complete cds."//2E-277//1729bp//
 85%/U93563
 C-HEMBA1006445//"Homo sapiens putative tumor supressor NOEY2 mRNA, complete cds."//1.4E-
 20 270//1224bp//100%/U96750
 C-HEMBA1006483
 C-HEMBA1006492
 C-HEMBA1006497
 C-HEMBA1006502
 25 C-HEMBA1006507//"Homo sapiens mRNA for KIAA0666 protein, partial cds."//0//2334bp//99%/
 AB014566
 C-HEMBA1006535
 C-HEMBA1006559//"Mus musculus PRAJA1 (Praja1) mRNA, complete cds."//2.8E-206//1107bp//83
 %//U06944
 30 C-HEMBA1006566
 C-HEMBA1006579
 C-HEMBA1006583
 C-HEMBA1006612
 C-HEMBA1006624//DNA/PANTOTHENATE METABOLISM FLAVOPROTEIN HOMOLOG.//0.00000069//109aa//
 35 38%/Q58323
 C-HEMBA1006643
 C-HEMBA1006674
 C-HEMBA1006682
 C-HEMBA1006708//HYPOTHETICAL 46.4 KD TRP-ASP REPEATS CONTAINING PROTEIN IN PMC1-TFG2
 40 INTERGENIC REGION.//3.3E-22//241aa//31%/P53196
 C-HEMBA1006717
 C-HEMBA1006744
 C-HEMBA1006754
 C-HEMBA1006767
 45 C-HEMBA1006789
 C-HEMBA1006832
 C-HEMBA1006885//"Homo sapiens gene for Proline synthetase associated, complete cds."//0//
 1467bp//96%/AB018566
 C-HEMBA1006900
 50 C-HEMBA1006926
 C-HEMBA1006941//Homo sapiens mRNA for putative thioredoxin-like protein.//1.8E-226//1039bp//99%/
 AJ010841
 C-HEMBA1006973//"Homo sapiens rab3-GAP regulatory domain mRNA, complete cds."//5.6E-143//
 740bp//94%/AF004828
 55 C-HEMBA1006993
 C-HEMBA1007002
 C-HEMBA1007062
 C-HEMBA1007080

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C-HEMBA1007087//HYPOTHETICAL PROTEIN MJ0162.//2E-45//304aa//32%//Q57626
 C-HEMBA1007112//Homo sapiens mRNA; cDNA DKFZp586C1817 (from clone DKFZp586C1817).//0//1619bp//
 99%//AL117450
 C-HEMBA1007194//"Homo sapiens origin recognition complex subunit 6 (ORC6) mRNA, complete cds.
 5 "//0//1588bp//99%//AF139658
 C-HEMBA1007206
 C-HEMBA1007256
 C-HEMBA1007267
 C-HEMBA1007281
 10 C-HEMBA1007300//"Homo sapiens 3',5'-cyclic nucleotide phosphodiesterase 10A1 (PDE10A) mRNA,
 splice variant 1, complete cds."//0//1519bp//99%//AF127479
 C-HEMBA1007301
 C-HEMBA1007319
 C-HEMBA1007320
 15 C-HEMBA1007327
 C-HEMBA1007347
 C-HEMBA1000005
 C-HEMBA1000030
 C-HEMBA1000048
 20 C-HEMBA1000099
 C-HEMBA1000141
 C-HEMBA1000198
 C-HEMBA1000217//"Homo sapiens SUMO-1-activating enzyme E1 N subunit (SUA1) mRNA, complete cds.
 "//0//1038bp//99%//AF090385
 25 C-HEMBA1000218
 C-HEMBA1000274
 C-HEMBA1000312
 C-HEMBA1000402
 C-HEMBA1000420
 30 C-HEMBA1000480
 C-HEMBA1000530
 C-HEMBA1000550
 C-HEMBA1000556//"Homo sapiens mRNA for KIAA0750 protein, complete cds."//6.3E-74//1213bp//
 64%//AB018293
 35 C-HEMBA1000586
 C-HEMBA1000592
 C-HEMBA1000593//"Homo sapiens transferrin receptor 2 alpha (TFR2) mRNA, complete cds."//1.3E-
 107//503bp//99%//AF067864
 C-HEMBA1000649
 40 C-HEMBA1000693//"Homo sapiens neuroan1 mRNA, complete cds."//0//2952bp//94%//AF040723
 C-HEMBA1000822
 C-HEMBA1000826
 C-HEMBA1000890
 C-HEMBA1000915//SUBTILISIN-LIKE PROTEASE PACE4 PRECURSOR (EC 3.4.21.-).//1.10E-08//129aa//
 45 31%//P29122
 C-HEMBA1001008
 C-HEMBA1001020//"Homo sapiens mRNA for KIAA0889 protein, complete cds."//0//1812bp//98%//
 AB020696
 C-HEMBA1001051
 50 C-HEMBA1001112//"Homo sapiens sec61 homolog mRNA, complete cds."//6E-145//961bp//83%//
 AF077032
 C-HEMBA1001221
 C-HEMBA1001234//65 KD YES-ASSOCIATED PROTEIN (YAP65).//5.4E-93//196aa//54%//P46938
 C-HEMBA1001282//ANKYRIN R (ANKYRINS 2.1 AND 2.2) (ERYTHROCYTE ANKYRIN).//7E-43//394aa//34%//
 55 P16157
 C-HEMBA1001302
 C-HEMBA1001335
 C-HEMBA1001337

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C-HEMBB1001356
 C-HEMBB1001364
 C-HEMBB1001366
 C-HEMBB1001367
 5 C-HEMBB1001527
 C-HEMBB1001537
 C-HEMBB1002359
 C-HEMBB1002415
 C-HEMBB1002457
 10 C-HEMBB1002492
 C-HEMBB1002495
 C-HEMBB1002502
 C-HEMBB1002550//HYPOTHETICAL UOG-1 PROTEIN.//5E-28//266aa//33%/P27544
 C-HEMBB1002600//"Homo sapiens tetraspan NET-5 mRNA, complete cds."//0//1417bp//99%/AF089749
 15 C-HEMBB1002607//"Homo sapiens vitamin D3 receptor interacting protein (DRIP80) mRNA, complete cds."//2E-136//660bp//98%/AF105421
 C-HEMBB1002684
 C-HEMBB1002692
 20 C-HEMBB1002697
 C-HEMBB1002705//"Homo sapiens CGI-27 protein mRNA, complete cds."//7.80E-285//841bp//96%/AF132961
 C-MAMMA1000019
 C-MAMMA1000020//H.sapiens mRNA for flavin-containing monooxygenase 5 (FM05).//8.2E-198//868bp//99%/Z47553
 25 C-MAMMA1000025
 C-MAMMA1000055//TESTIN 2 (TES2) [CONTAINS: TESTIN 1 (TES1)].//1.5E-90//323aa//48%/P47226
 C-MAMMA1000069
 C-MAMMA1000084
 30 C-MAMMA1000139
 C-MAMMA1000163
 C-MAMMA1000171
 C-MAMMA1000173//"Homo sapiens src homology 3 domain-containing protein HIP-55 mRNA, complete cds."//2.6E-164//1044bp//87%/AF197060
 35 C-MAMMA1000277
 C-MAMMA1000278
 C-MAMMA1000284//P.walti mRNA for mp associated protein 55.//2.2E-109//864bp//76%/X99836
 C-MAMMA1000309
 C-MAMMA1000312
 40 C-MAMMA1000313
 C-MAMMA1000361
 C-MAMMA1000388//"Homo sapiens UKLF mRNA for ubiquitous Kruppel like factor, complete cds."//0//1466bp//99%/AB015132
 C-MAMMA1000395
 45 C-MAMMA1000410
 C-MAMMA1000416//HYPOTHETICAL 32.0 KD PROTEIN C09F5.2 IN CHROMOSOME III.//2.00E-30//119aa//53%/Q09232
 C-MAMMA1000421
 C-MAMMA1000422
 50 C-MAMMA1000468
 C-MAMMA1000472
 C-MAMMA1000490
 C-MAMMA1000524
 C-MAMMA1000567
 55 C-MAMMA1000612//"Rattus norvegicus G beta-like protein GBL mRNA, complete cds."//1E-95//1115bp//72%/AF051155
 C-MAMMA1000623
 C-MAMMA1000625//GYP7 PROTEIN.//2.1E-41//198aa//40%/P48365

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C-MAMMA1000664
C-MAMMA1000670
C-MAMMA1000672//VITELLOGENIC CARBOXYPEPTIDASE PRECURSOR (EC 3.4.16.-)//4.4E-33//250aa//
33%//P42660
5 C-MAMMA1000713//L-RIBULOKINASE (EC 2.7.1.16)//7.70E-17//246aa//29%//P94524
C-MAMMA1000731//CHROMODOMAIN-HELICASE-DNA-BINDING PROTEIN 1 (CHD-1)//1E-77//395aa//45%//
014646
C-MAMMA1000734//Homo sapiens mRNA for SEC63 protein//0//1587bp//99%//AJ011779
C-MAMMA1000738//HYPOTHETICAL 116.5 KD PROTEIN C20G8.09C IN CHROMOSOME I//9E-299//1033aa//
10 55%//P87115
C-MAMMA1000746
C-MAMMA1000775
C-MAMMA1000824//ACTIN//6.2E-20//284aa//28%//P53500
C-MAMMA1000831
15 C-MAMMA1000841//PUTATIVE AMIDASE (EC 3.5.1.4)//7.8E-40//101aa//54%//027540
C-MAMMA1000842
C-MAMMA1000843
C-MAMMA1000856
C-MAMMA1000865
20 C-MAMMA1000875
C-MAMMA1000906
C-MAMMA1000908
C-MAMMA1000914
C-MAMMA1000956//Homo sapiens CLDN8 gene for claudin-8//0//1767bp//99%//AJ250711
25 C-MAMMA1000968
C-MAMMA1000979
C-MAMMA1001008//"Homo sapiens aspartic-like protease mRNA, complete cds."//2.50E-276//
1263bp//99%//AF117892
C-MAMMA1001021
30 C-MAMMA1001041//"SPECTRIN BETA CHAIN, BRAIN (SPECTRIN, NON-ERYTHROID BETA CHAIN)
(FODRIN BETA CHAIN) (SPTBN1)."//1.6E-16//113aa//41%//Q01082
C-MAMMA1001059//Homo sapiens mRNA for DEAD Box Protein 5//0//1440bp//99%//AJ237946
C-MAMMA1001075//"Homo sapiens CGI-72 protein mRNA, complete cds."//1.3E-181//397bp//98%//
AF151830
35 C-MAMMA1001078
C-MAMMA1001091
C-MAMMA1001105//OVO PROTEIN (SHAVEN BABY PROTEIN)//4E-49//125aa//68%//P51521
C-MAMMA1001110
C-MAMMA1001126
40 C-MAMMA1001139//SRE-2 PROTEIN//5.80E-35//239aa//38%//Q09273
C-MAMMA1001143
C-MAMMA1001154
C-MAMMA1001181//ABC1 PROTEIN HOMOLOG PRECURSOR//1.30E-07//81aa//45%//Q92338
C-MAMMA1001215
45 C-MAMMA1001244
C-MAMMA1001259//"Mus musculus F-box protein FBX18 mRNA, partial cds."//2.3E-271//1414bp//
89%//AF184275
C-MAMMA1001260//HYPOTHETICAL 97.1 KD PROTEIN R05D3.4 IN CHROMOSOME III//2.1E-52//630aa//
30%//P34537
50 C-MAMMA1001343
C-MAMMA1001411//Homo sapiens mRNA; cDNA DKFZp56400823 (from clone DKFZp56400823)//0//2131bp//
99%//AL080121
C-MAMMA1001419
C-MAMMA1001476//URIDINE KINASE (EC 2.7.1.48) (URIDINE MONOPHOSPHOKINASE) (FRAGMENT)//
55 6.5E-129//260aa//92%//P52623
C-MAMMA1001510
C-MAMMA1001522
C-MAMMA1001576//"Human gamma-tubulin mRNA, complete cds."//7.5E-276//1561bp//90%//

M61764
 C-MAMMA1001604
 C-MAMMA1001620
 C-MAMMA1001635
 5 C-MAMMA1001649
 C-MAMMA1001686
 C-MAMMA1001692
 C-MAMMA1001743//Y BOX BINDING PROTEIN-1 (Y-BOX TRANSCRIPTION FACTOR).//8.5E-32//171aa//36%//
 P21573
 10 C-MAMMA1001754//"Homo sapiens CGI-11 protein mRNA, complete cds."//0//1837bp//98%//
 AF132945
 C-MAMMA1001757
 C-MAMMA1001764
 C-MAMMA1001768//CELL DIVISION CYCLE PROTEIN 48 HOMOLOG MJ1156.//3.8E-45//351aa//38%//Q58556
 15 C-MAMMA1001771//M.musculus mRNA for semaphorin B.//2.60E-200//1272bp//79%//X85991
 C-MAMMA1001790
 C-MAMMA1001837//ZINC FINGER PROTEIN 29 (ZFP-29).//2.6E-77//507aa//38%//Q07230
 C-MAMMA1001858
 C-MAMMA1001868//TRICHOHYALIN.//2.7E-19//359aa//25%//P22793
 20 C-MAMMA1001970
 C-MAMMA1002042
 C-MAMMA1002068
 C-MAMMA1002153
 C-MAMMA1002156
 25 C-MAMMA1002170//40S RIBOSOMAL PROTEIN S2 (S4) (LLREP3 PROTEIN).//6E-66//157aa//70%//P15880
 C-MAMMA1002174
 C-MAMMA1002209
 C-MAMMA1002219//"Homo sapiens mRNA for KIAA1067 protein, partial cds."//1.1E-181//861bp//
 98%//AB028990
 30 C-MAMMA1002236//TRANSLATION INITIATION FACTOR EIF-2B GAMMA SUBUNIT (EIF-2B GDP-GTP EX-
 CHANGE FACTOR).//8.8E-217//310aa//86%//P70541
 C-MAMMA1002243
 C-MAMMA1002268//"Mus musculus sphingosine kinase (SPHK1a) mRNA, partial cds."//1E-190//
 1624bp//76%//AF068748
 35 C-MAMMA1002269
 C-MAMMA1002292
 C-MAMMA1002294
 C-MAMMA1002297//Homo sapiens mRNA for Rab6 GTPase activating protein.//1.1E-214//881bp//97%//
 AJ011679
 40 C-MAMMA1002312
 C-MAMMA1002329//M.musculus mRNA for semaphorin B.//3.80E-45//332bp//84%//X85991
 C-MAMMA1002333
 C-MAMMA1002351//FERRIPYOCHELIN BINDING PROTEIN.//0.000078//127aa//26%//P40882
 C-MAMMA1002353
 45 C-MAMMA1002355
 C-MAMMA1002356
 C-MAMMA1002362
 C-MAMMA1002380
 C-MAMMA1002384
 50 C-MAMMA1002427
 C-MAMMA1002470//PROBABLE NH(3)-DEPENDENT NAD(+) SYNTHETASE (EC 6.3.5.1).//1E-11//128aa//36%//
 P47623
 C-MAMMA1002485//"Homo sapiens stanniocalcin-related protein mRNA, complete cds."//0//1822bp//
 99%//AF098462
 55 C-MAMMA1002494
 C-MAMMA1002524//HYPOTHETICAL 117.8 KD PROTEIN IN STE2-FRS2 INTERGENIC REGION.//1.2E-34//
 337aa//31%//P43571
 C-MAMMA1002530//"Homo sapiens cytosolic phospholipase A2 gamma (cPLA2 gamma) mRNA, complete

cds."//0//1910bp//99%//AF065214
 C-MAMMA1002554
 C-MAMMA1002585//"Homo sapiens mRNA for KIAA0860 protein, complete cds."//0//1405bp//99%//
 5 AB020667
 C-MAMMA1002598
 C-MAMMA1002619//PROBABLE UBIQUITIN CARBOXYL-TERMINAL HYDROLASE K02C4.3 (EC 3.1.2.15)
 (UBIQUITIN THIOLESTERASE) (UBIQUITIN-SPECIFIC PROCESSING PROTEASE) (DEUBIQUITINATING EN-
 ZYME)//9.5E-16//159aa//37%//Q09931
 C-MAMMA1002655//"Homo sapiens mRNA for ganglioside sialidase, complete cds."//0//1515bp//
 10 99%//AB008185
 C-MAMMA1002671//ACETYL-COENZYME A SYNTHETASE (EC 6.2.1.1) (ACETATE--COA LIGASE) (ACYL- AC-
 TIVATING ENZYME)//1.1E-45//618aa//26%//P27550
 C-MAMMA1002673
 C-MAMMA1002684//"Homo sapiens mRNA for KIAA0214 protein, complete cds."//0//3174bp//99%//
 15 D86987
 C-MAMMA1002711
 C-MAMMA1002769//"Homo sapiens cell cycle progression restoration 8 protein (CPR8) mRNA, complete
 cds."//2.2E-25//330bp//77%//AF011794
 C-MAMMA1002775
 20 C-MAMMA1002782
 C-MAMMA1002796
 C-MAMMA1002807
 C-MAMMA1002838
 C-MAMMA1002842//"Mus musculus c-Cb1 associated protein CAP mRNA, complete cds."//2.6E-58//
 25 373bp//81%//U58883
 C-MAMMA1002869//PINCH PROTEIN (PARTICULARY INTERESTING NEW CYS-HIS PROTEIN)//1.4E-160//
 305aa//85%//P48059
 C-MAMMA1002881//GLIOMA PATHOGENESIS-RELATED PROTEIN (RTVP-1 PROTEIN)//5.7E-30//214aa//
 35 35%//P48060
 C-MAMMA1002886
 C-MAMMA1002890
 C-MAMMA1002938//"Homo sapiens mRNA for KIAA0698 protein, complete cds."//8.4E-252//1139bp//
 100%//AB014598
 C-MAMMA1002964
 35 C-MAMMA1003011//HESTONE MACRO-H2A.1//2.7E-123//370aa//66%//Q02874
 C-MAMMA1003013//DNA POLYMERASE BETA (EC 2.7.7.7)//7.4E-46//332aa//36%//P06746
 C-MAMMA1003015
 C-MAMMA1003019
 C-MAMMA1003035//RIBOSOMAL LARGE SUBUNIT PSEUDOURIDINE SYNTHASE C (EC 4.2.1.70) (PSEU-
 40 DOURIDYLATE SYNTHASE) (URACIL HYDROLYASE)//1.9E-13//108aa//33%//P23851
 C-MAMMA1003039
 C-MAMMA1003044
 C-MAMMA1003049
 C-MAMMA1003056
 45 C-MAMMA1003057//MD6 PROTEIN//3.1E-225//419aa//97%//Q60584
 C-MAMMA1003066
 C-MAMMA1003099
 C-MAMMA1003104
 C-MAMMA1003113//"Mus musculus COP9 complex subunit 7a (COPS7a) mRNA, complete cds."//
 50 1.1E-234//1178bp//86%//AF071316
 C-MAMMA1003127//MYOSIN I ALPHA (MMI-ALPHA)//2.2E-105//217aa//89%//P46735
 C-MAMMA1003135
 C-MAMMA1003146//Homo sapiens mRNA for GalT3 protein//4.3E-218//996bp//99%//Y15062
 C-MAMMA1003150//"Homo sapiens mRNA for KIAA1096 protein, partial cds."//0//1342bp//99%//
 55 AB029019
 C-MAMMA1003166//"Homo sapiens MLL septin-like fusion protein (MSF) mRNA, complete cds."//
 3.10E-158//592bp//97%//AF123052
 C-NT2RM1000032

C-NT2RM1000035//"Human mRNA for KIAA0199 gene, partial cds."//0//2948bp//99%//D83782
 C-NT2RM1000039//HYPOTHETICAL 41.4 KD PROTEIN IN SRLQ-HYPF INTERGENIC REGION (EC 1.18.1.-)
 (ORF4) (ORF2).//2.90E-14//299aa//25%//P37596
 C-NT2RM1000055//"Homo sapiens mRNA for KIAA0829 protein, partial cds."//0//3111bp//99%//
 5 AB020636
 C-NT2RM1000059
 C-NT2RM1000062
 C-NT2RM1000118//CALCINEURIN B SUBUNIT (PROTEIN PHOSPHATASE 2B REGULATORY SUBUNIT) (CAL-
 CINEURIN REGULATORY SUBUNIT).//1.2E-10//150aa//28%//P87072
 10 C-NT2RM1000119
 C-NT2RM1000127
 C-NT2RM1000131//"Homo sapiens mRNA for KIAA0792 protein, complete cds."//0//2980bp//99%//
 AB018335
 C-NT2RM1000132//"Homo sapiens NADH:ubiquinone oxidoreductas NDUF5 subunit mRNA, nuclear gene
 15 encoding mitochondrial protein, complete cds."//7.8E-110//516bp//99%//AF044959
 C-NT2RM1000153//CYTOSOLIC PURINE 5'-NUCLEOTIDASE (EC 3.1.3.5) //3.3E-3 8//469aa//27%//P49902
 C-NT2RM1000186//CALCINEURIN B SUBUNIT (PROTEIN PHOSPHATASE 2B REGULATORY SUBUNIT) (CAL-
 CINEURIN REGULATORY SUBUNIT).//1.2E-10//150aa//28%//P87072
 C-NT2RM1000187//PUTATIVE PRE-MRNA SPLICING FACTOR ATP-DEPENDENT RNA HELICASE
 20 SPAC10F6.02C.//1.1E-10//94aa//47%//042643
 C-NT2RM1000199//Homo sapiens mRNA for type I transmembrane receptor (psk-1 gene).//0//2476bp//99%//
 AJ245820
 C-NT2RM1000244//"Homo sapiens TRAF4 associated factor 1 mRNA, partial cds."//2E-126//592bp//
 99%//U81002
 25 C-NT2RM1000252//H.sapiens E-MAP-115 mRNA.//9.7E-35//569bp//64%//X73882
 C-NT2RM1000256//"Homo sapiens mRNA for Glutamine:fructose-6-phosphate amidotransferase, complete
 cds."//0//3012bp//99%//AB016789
 C-NT2RM1000260//"Human mRNA for KIAA0130 gene, complete cds."//0//3139bp//98%//D50920
 C-NT2RM1000271
 30 C-NT2RM1000300
 C-NT2RM1000314//"Human mRNA for KIAA0159 gene, complete cds."//0//4349bp//99%//D63880
 C-NT2RM1000354//"Xenopus laevis chromosome condensation protein XCAP-G mRNA, complete cds.
 "//7.4E-245//2101bp//68%//AF111423
 C-NT2RM1000355//"Homo sapiens transmembrane protein BRI (BRI) mRNA, complete cds."//0//
 35 1599bp//99%//AF152462
 C-NT2RM1000365
 C-NT2RM1000377//"Homo sapiens dual specificity phosphatase MKP5 (MKP5) mRNA, complete cds."/
 //3.2E-196//1016bp//94%//AF179212
 C-NT2RM1000388//HYPOTHETICAL 27.7 KD PROTEIN IN CPT1-SPC98 INTERGENIC REGION.//
 40 0.000000019//67aa//31%//P53915
 C-NT2RM1000399
 C-NT2RM1000430//"Homo sapiens erythroblast macrophage protein EMP mRNA, complete cds."//
 1.4E-185//1486bp//81%//AF084928
 C-NT2RM1000555//"Homo sapiens mRNA for KIAA0885 protein, complete cds."//0//2885bp//99%//
 45 AB020692
 C-NT2RM1000563//TRANSMISSION-BLOCKING TARGET ANTIGEN S230 PRECURSOR.//0.0000068//199aa//
 30%//Q08372
 C-NT2RM1000648//GLYCOSYLTRANSFERASE ALG2 (EC 2.4.1.-) //8.5E-75//301aa//39%//P43636
 C-NT2RM1000661//"Homo sapiens translation initiation factor 4e mRNA, complete cds."//4.3E-210//
 50 960bp//99%//AF038957
 C-NT2RM1000666//DNA-BINDING PROTEIN A.//2.2E-09//165aa//34%//P16989
 C-NT2RM1000672
 C-NT2RM1000691//Homo sapiens mRNA for PLU-1 protein.//0//3104bp//99%//AJ132440
 C-NT2RM1000699
 55 C-NT2RM1000741//"Homo sapiens mRNA for KIAA0567 protein, partial cds."//1.1E-295//1338bp//
 99%//AB011139
 C-NT2RM1000742//"Homo sapiens AC133 antigen mRNA, complete cds."//0//3524bp//99%//
 AF027208

- C-NT2RM1000746//"Homo sapiens polyamine modulated factor-1 (PMF1) mRNA, complete cds."//6.70E-227//1043bp//99%//AF141310
- C-NT2RM1000770//DXS6673E PROTEIN.//1.4E-39//194aa//48%//Q14202
- C-NT2RM1000772//VEGETATTOLE INCOMPATIBILITY PROTEIN HET-E-1.//7.3E-15//280aa//27%//Q00808
- 5 C-NT2RM1000780
- C-NT2RM1000800//Mus musculus partial mRNA for B-IND1 protein (B-indl gene).//1.1E-98//571bp//89%//Z97207
- C-NT2RM1000802
- C-NT2RM1000811//"Homo sapiens AC133 antigen mRNA, complete cds."//0//3524bp//99%//AF027208
- 10 C-NT2RM1000826//"Homo sapiens mRNA for KIAA0885 protein, complete cds."//0//2885bp//99%//AB020692
- C-NT2RM1000829
- C-NT2RM1000850//ANKYRIN R (ANKYRINS 2.1 AND 2.2) (ERYTHROCYTE ANKYRIN).//9.7E-42//333aa//36%//P16157
- 15 C-NT2RM1000852//"Homo sapiens putative ATP-dependent RNA helicase ROK1 mRNA, complete cds."//0//2206bp//99%//AF077033
- C-NT2RM1000857//"Homo sapiens mRNA for KIAA0962 protein, partial cds."//0//3716bp//99%//AB023179
- C-NT2RM1000874//"Homo sapiens death effector domain-containing testicular molecule mRNA, complete cds."//1.4E-244//1113bp//99%//AF043733
- 20 C-NT2RM1000882//"Homo sapiens delta-6 fatty acid desaturase mRNA, complete cds."//4.30E-122//1394bp//69%//AF126799
- C-NT2RM1000885//HYPOTHETICAL 97.1 KD PROTEIN R05D3.4 IN CHROMOSOME III.//1.8E-56//630aa//30%//P34537
- 25 C-NT2RM1000894//DNA-DIRECTED RNA POLYMERASE 1135 KD POLYPEPTIDE (EC 2.7.7.6) (RNA POLYMERASE I SUBUNIT 2) (RPA135).//0//1020aa//89%//P70700
- C-NT2RM1000898//"ACTIN, CYTOPLASMIC (ACTIN, MICRONUCLEAR)."//8.9E-26//229aa//29%//P02583
- C-NT2RM1000905//"Homo sapiens HSPC021 mRNA, complete cds."//0//1480bp//99%//AF077207
- 30 C-NT2RM1000924//HYPOTHETICAL 39.7 KD PROTEIN C34E10.2 IN CHROMOSOME III.//1E-15//266aa//26%//P46577
- C-NT2RM1000927
- C-NT2RM1000962
- C-NT2RM1000978
- 35 C-NT2RM1001003//"Homo sapiens alpha-catenin-like protein (CTNNAL1) mRNA, complete cds."//0//2230bp//99%//AF030233
- C-NT2RM1001043
- C-NT2RM1001066
- C-NT2RM1001072//"1-PHOSPHATIDYLINOSITOL-4,5-BISPHOSPHATE PHOSPHODIESTERASE GAMMA 1 (EC 3.1.4.11) (PLC-GAMMA-1) (PHOSPHOLIPASE C-GAMMA-1) (PLC-II) (PLC-148)."//8.3E-47//259aa//35%//P08487
- 40 C-NT2RM1001085//"Rattus norvegicus brain specific cortactin-binding protein CBP90 mRNA, partial cds."//3.7E-32//460bp//64%//AF053768
- C-NT2RM1001102//"Human HEM45 mRNA, complete cds."//2.3E-27//482bp//63%//U88964
- 45 C-NT2RM1001105
- C-NT2RM1001139//Homo sapiens mRNA; cDNA DKFZp564F0522 (from clone DKFZp564F0522).//0//1756bp//99%//AL049943
- C-NT2RM2000420
- C-NT2RM2000566//"Homo sapiens integrin alpha-7 mRNA, complete cds."//0//2519bp//96%//AF032108
- 50 C-NT2RM2000609
- C-NT2RM2000612//"Rattus norvegicus ADP-ribosylation factor-directed GTPase activating protein mRNA, complete cds."//2.6E-106//1069bp//74%//U35776
- C-NT2RM2000735//ZINC FINGER PROTEIN 43 (ZINC PROTEIN HTF6).//2.9E-103//249aa//73%//P28160
- 55 C-NT2RM2001588
- C-NT2RM2001605//Homo sapiens mRNA for PLU-1 protein.//0//3114bp//99%//AJ132440
- C-NT2RM2001613//"Homo sapiens sec61 homolog mRNA, complete cds."//0//2601bp//99%//AF084458

C-NT2RM2001632//KES 1 PROTEIN.//1.40E-31//342aa//34%//P35844
 C-NT2RM2001648//"Homo sapiens sec61 homolog mRNA, complete cds."//0//2421bp//99%//AF084458
 5 C-NT2RM2001652//"Homo sapiens guanine nucleotide exchange factor mRNA, complete cds."//0//2608bp//99%//AF111162
 C-NT2RM2001659//ZINC/CADMIUM RESISTANCE PROTEIN.//3.4E-39//161aa//34%//P20107
 C-NT2RM2001664//"Homo sapiens IkappaB kinase complex associated protein (IKAP) mRNA, complete cds."//0//2471bp//99%//AF044195
 10 C-NT2RM2001668//"Homo sapiens putative WHSC1 protein (WHSC1) mRNA, alternative splice product ending in intron 11, complete cds."//6.2E-16//464bp//62%//AF083391
 C-NT2RM2001671//"Oryctolagus cuniculus sarcolemmal associated protein (SLAP1) mRNA, complete cds."//0//1843bp//94%//U21155
 C-NT2RM2001675
 C-NT2RM2001681
 15 C-NT2RM2001688//HYPOTHETICAL 33.8 KD PROTEIN C5H10.01 IN CHROMOSOME I.//4.60E-20//253aa//30%//Q09674
 C-NT2RM2001695//Homo sapiens clone H63 unknown mRNA.//0//2016bp//99%//AF103804
 C-NT2RM2001696
 C-NT2RM2001698//"Homo sapiens XGalT-1 mRNA for galactosyltransferase I, complete cds."//6.2E-253//1170bp//99%//AB028600
 20 C-NT2RM2001700//"ACYL-COA DEHYDROGENASE, VERY-LONG-CHAIN SPECIFIC (EC 1.3.99.-) (VL-CAD) (FRAGMENT)."//5.7E-130//536aa//49%//P50544
 C-NT2RM2001716
 C-NT2RM2001723
 25 C-NT2RM2001730//PROBABLE UBIQUITIN CARBOXYL-TERMINAL HYDROLASE K02C4.3 (EC 3.1.2.15) (UBIQUITIN THIOLESTERASE) (UBIQUITIN-SPECIFIC PROCESSING PROTEASE) (DEUBIQUITINATING ENZYME).//7.2E-16//381aa//27%//Q09931
 C-NT2RM2001743//"Homo sapiens cell cycle progression 2 protein (CPR2) mRNA, complete cds."//0//1498bp//99%//AF011792
 30 C-NT2RM2001753//HYPOTHETICAL PROTEIN KIAA0210.//8.8E-11//119aa//36%//Q92609
 C-NT2RM2001760//"Homo sapiens sec61 homolog mRNA, complete cds."//0//2379bp//99%//AF084458
 C-NT2RM2001768
 C-NT2RM2001771//ZINC FINGER PROTEIN 135.//6.4E-154//394aa//64%//P52742
 35 C-NT2RM2001782//"Homo sapiens GDP-mannose pyrophosphorylase A (GMPPA) mRNA, complete cds."//0//1470bp//99%//AF135422
 C-NT2RM2001784
 C-NT2RM2001785//Homo sapiens mRNA; cDNA DKFZp586C201 (from clone DKFZp586C201).//0//2146bp//99%//AL050118
 40 C-NT2RM2001813
 C-NT2RM2001823//CHD1 PROTEIN.//1.8E-106//631aa//39%//P32657
 C-NT2RM2001839//"Homo sapiens calumein (Calu) mRNA, complete cds."//0//2415bp//97%//AF013759
 C-NT2RM2001840
 45 C-NT2RM2001855
 C-NT2RM2001867//"Homo sapiens mRNA for KIAA0943 protein, partial cds."//0//967bp//99%//AB023160
 C-NT2RM2001879
 C-NT2RM2001983//"Homo sapiens RGS-GAIP interacting protein GIPC mRNA, complete cds."//0//1658bp//98%//AF089816
 50 C-NT2RM2002145//"Homo sapiens erythroblast macrophage protein EMP mRNA, complete cds."//8.5E-191//1524bp//81%//AF084928
 C-NT2RM4000027
 C-NT2RM4000030//LAS1 PROTEIN.//5.6E-12//184aa//32%//P36146
 55 C-NT2RM4000046//GOLIATH PROTEIN (G1 PROTEIN).//0.000008//112aa//31%//Q06003
 C-NT2RM4000155//"THREONYL-TRNA SYNTHETASE, CYTOPLASMIC (EC 6.1.1.3) (THREONINE--TRNA LIGASE) (THRRS)."//1.2E-157//321aa//61%//P26639
 C-NT2RM4000156//H.sapiens HPBR11-7 gene.//3.6E-21//785bp//60%//X67336

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C-NT2RM4000167//"Homo sapiens kinesin superfamily motor KIF4 mRNA, complete cds."//0//
 1946bp//99%//AF071592
 C-NT2RM4000199
 C-NT2RM4000200
 5 C-NT2RM4000202//ZINC FINGER PROTEIN MOK-2 (HOK-2)//4.9E-32//170aa//41%//Q16600
 C-NT2RM4000233//"Mus musculus semaphorin VIa mRNA, complete cds."//3.4E-231//1395bp//86%//
 AF030430
 C-NT2RM4000244
 C-NT2RM4000251
 10 C-NT2RM4000265
 C-NT2RM4000324
 C-NT2RM4000327
 C-NT2RM4000356//RAS-RELATED PROTEIN RAB-17//5.9E-80//213aa//75%//P35292
 C-NT2RM4000425
 15 C-NT2RM4000433//"Mus musculus retinoic acid-responsive protein (Stra6) mRNA, complete cds."//
 4.1E-271//2085bp//77%//AF062476
 C-NT2RM4000514
 C-NT2RM4000531//ZINC FINGER PROTEIN 29 (ZFP-29)//2.4E-89//389aa//43%//007230
 C-NT2RM4000532
 20 C-NT2RM4000534
 C-NT2RM4000603
 C-NT2RM4000611//VEGETATIBLE INCOMPATIBILITY PROTEIN HET-E-1//2.9E-09//108aa//31%//Q00808
 C-NT2RM4000616//ACETYL-COENZYME A SYNTHETASE (EC 6.2.1.1) (ACETATE--COA LIGASE) (ACYL- AC-
 TIVATING ENZYME)//2.7E-146//420aa//60%//P27550
 25 C-NT2RM4000674//HYPOTHETICAL SYMPORTER SLL1374//1.2E-28//180aa//30%//P74168
 C-NT2RM4000689
 C-NT2RM4000698
 C-NT2RM4000700
 C-NT2RM4000712//"Homo sapiens ubiquitin hydrolyzing enzyme I (UBH1) mRNA, partial cds."//1E-
 30 136//1104bp//77%//AF022789
 C-NT2RM4000717
 C-NT2RM4000733//TRANSCRIPTION TERMINATION FACTOR RHO//0.00000041//207aa//29%//P52154
 C-NT2RM4000734//"Homo sapiens mRNA for KIAA0760 protein, partial cds."//0//2273bp//99%//
 AB018303
 35 C-NT2RM4000741//"Homo sapiens hSGT1 mRNA for hSgt1p, complete cds."//0//2184bp//99%//
 D88208
 C-NT2RM4000751//ZINC FINGER PROTEIN 184 (FRAGMENT)//3.9E-125//301aa//53%//Q99676
 C-NT2RM4000764
 C-NT2RM4000778
 40 C-NT2RM4000787
 C-NT2RM4000790
 C-NT2RM4000795//"Homo sapiens mRNA for KIAA0951 protein, complete cds."//0//1847bp//96%//
 AB023168
 C-NT2RM4000796
 45 C-NT2RM4000798//"Homo sapiens brefeldin A-inhibited guanine nucleotide-exchange protein 2 mRNA,
 complete cds."//0//2603bp//99%//AF084521
 C-NT2RM4000813
 C-NT2RM4000820//VACUOLAR ATP SYNTHASE SUBUNIT AC45 PRECURSOR (EC 3.6.1.34) (V-ATPASE
 AC45 SUBUNIT)//1.10E-24//138aa//44%//P40682
 50 C-NT2RM4000833
 C-NT2RM4000848
 C-NT2RM4000852
 C-NT2RM4000855
 C-NT2RM4000887
 55 C-NT2RM4000895
 C-NT2RM4000950
 C-NT2RM4000979
 C-NT2RM4001002//Homo sapiens mRNA; cDNA DKFZp586G0518 (from clone DKFZp586G0518)//0//2259bp//

100%//AL050092
 C-NT2RM4001032
 C-NT2RM4001047//M025 PROTEIN.//8E-140//333aa//80%//Q06138
 C-NT2RM4001054//"Homo sapiens sec61 homolog mRNA, complete cds."//3.1E-190//1315bp//81%//
 5 AF077032
 C-NT2RM4001084//HYPOTHETICAL 105.6 KD PROTEIN C16C9.06C IN CHROMOSOME I.//0.000000032//
 165aa//33%//Q09820
 C-NT2RM4001116//HYPOTHETICAL 216.3 KD PROTEIN R06F6.8 IN CHROMOSOME II.//5.9E-86//292aa//
 48%//Q09417
 10 C-NT2RM4001140//HOMEBOX PROTEIN MSH-D.//1E-11//103aa//38%//Q01704
 C-NT2RM4001151
 C-NT2RM4001155//ADRENAL MEDULLA 50 KD PROTEIN.//4.1E-197//445aa//78%//Q27969
 C-NT2RM4001160
 C-NT2RM4001187
 15 C-NT2RM4001191//"Homo sapiens clone 24963 mRNA sequence, complete cds."//0//1950bp//99%//
 AF131737
 C-NT2RM4001200//ZINC FINGER PROTEIN 135.//9.5E-135//375aa//60%//P52742
 C-NT2RM4001203//"Homo sapiens mRNA for KIAA0839 protein, partial cds."//0//3047bp//99%//
 AB020646
 20 C-NT2RM4001204//"Homo sapiens mRNA for KIAA1089 protein, partial cds."//0//2349bp//99%//
 AB029012
 C-NT2RM4001217//"Homo sapiens nuclear matrix protein NRP/B (NRPB) mRNA, complete cds."//
 7.3E-148//1409bp//72%//AF059611
 C-NT2RM4001256//"Xenopus laevis putative Zic3 binding protein mRNA, complete cds."//4.30E-55//
 25 289bp//77%//AF129131
 C-NT2RM4001258
 C-NT2RM4001309
 C-NT2RM4001313//PHOSPHATIDYLINOSITOL 3-KINASE VPS34-LIKE (EC 2.7.1.137) (PI3-KINASE) (PTDINS-
 3-KINASE) (PI3K).//3.50E-35//124aa//65%//P54676
 30 C-NT2RM4001316//"ACYL-COA DEHYDROGENASE, MEDIUM-CHAIN SPECIFIC PRECURSOR (EC
 1.3.99.3) (MCAD)."//2.3E-31//334aa//30%//P08503
 C-NT2RM4001320//"Homo sapiens mRNA for Neuroblastoma, complete cds."//1.8E-39//728bp//64%//
 D89016
 C-NT2RM4001340//UTR4 PROTEIN (UNKNOWN TRANSCRIPT 4 PROTEIN).//1E-28//171aa//37%//P32626
 35 C-NT2RM4001344//HYPOTHETICAL GTP-BINDING PROTEIN IN POP2-HOL1 INTERGENIC REGION.//8.1E-
 30//265aa//33%//P53742
 C-NT2RM4001347//"Homo sapiens NY-REN-25 antigen mRNA, partial cds."//0//2300bp//99%//
 AF155103
 C-NT2RM4001371//"Homo sapiens IDN3 mRNA, partial cds."//0//2524bp//99%//AB019494
 40 C-NT2RM4001382//"Homo sapiens RanBP7/importin 7 mRNA, complete cds."//2.2E-237//1079bp//
 99%//AF098799
 C-NT2RM4001384
 C-NT2RM4001410
 C-NT2RM4001411//"Mus musculus Pro-rich, PH, SH2 domain-containing signaling mediator (PSM) mRNA,
 45 complete cds."//0//1962bp//87%//AF020526
 C-NT2RM4001412//"Homo sapiens nGAP mRNA, complete cds."//0//1918bp//99%//AF047711
 C-NT2RM4001414
 C-NT2RM4001437
 C-NT2RM4001444//ISOLEUCYL-TRNA SYNTHETASE (EC 6.1.1.5) (ISOLEUCINE-TRNA LIGASE) (ILERS)//
 50 1.4E-118//444aa//46%//P73505
 C-NT2RM4001454
 C-NT2RM4001455
 C-NT2RM4001483//ZINC FINGER PROTEIN 136.//5.1E-106//357aa//55%//P52737
 C-NT2RM4001489//"Homo sapiens mRNA for KIAA0685 protein, complete cds."//0//1810bp//99%//
 55 AB014585
 C-NT2RM4001522
 C-NT2RM4001557//"Homo sapiens mRNA for KIAA1040 protein, partial cds."//0//1547bp//97%//
 AB028963

C-NT2RM4001565
 C-NT2RM4001566//"Homo sapiens mRNA for KIAA1114 protein, complete cds."//0//1900bp//99%//
 AB029037
 C-NT2RM4001582//"Mus musculus COP9 complex subunit 7b (COPS7b) mRNA, complete cds."//
 5 1.5E-284//1082bp//90%//AF071317
 C-NT2RM4001592//"Homo sapiens mRNA for KIAA1122 protein, partial cds."//0//2170bp//99%//
 AB032948
 C-NT2RM4001594
 C-NT2RM4001597//M.musculus red-1 gene.//2.1E-171//1414bp//78%//X92750
 10 C-NT2RM4001611//SIS2 PROTEIN (HALOTOLERANCE PROTEIN HAL3).//2.6E-32//203aa//39%//Q12600
 C-NT2RM4001629//"MAGUK P55 SUBFAMILY MEMBER 3 (MPP3 PROTEIN) (DISCS, LARGE HOMOLOG
 3)."//1.5E-93//278aa//38%//Q13368
 C-NT2RM4001650
 C-NT2RM4001662
 15 C-NT2RM4001666//HYPOTHETICAL 48.6 KD PROTEIN IN ALPA-GABP INTERGENIC REGION.//2.7E-84//
 410aa//42%//P37339
 C-NT2RM4001682
 C-NT2RM4001710
 C-NT2RM4001714//SEPTIN 2 HOMOLOG (FRAGMENT).//8.9E-141//354aa//72%//Q14141
 20 C-NT2RM4001715
 C-NT2RM4001731//"Homo sapiens mRNA for KIAA1004 protein, partial cds."//0//1922bp//100%//
 AB023221
 C-NT2RM4001746
 C-NT2RM4001754
 25 C-NT2RM4001758//PUTATIVE SERINE/THREONINE-PROTEIN KINASE EMK (EC 2.7.1.-).//4.1E-186//639aa//
 58%//Q05512
 C-NT2RM4001783//ZINC FINGER PROTEIN HRX (ALL-1).//7.9E-66//311aa//35%//Q03164
 C-NT2RM4001810//"Homo sapiens mRNA for KIAA0863 protein, complete cds."//0//2377bp//99%//
 AB020670
 30 C-NT2RM4001813//LECTIN BRA-2.//0.00000048//114aa//30%//P17346
 C-NT2RM4001823//ZINC FINGER PROTEIN 43 (ZINC PROTEIN HTF6).//2.9E-55//325aa//37%//P28160
 C-NT2RM4001828//ZINC FINGER PROTEIN 84 (ZINC FINGER PROTEIN HPF2).//5.9E-161//481aa//56%//
 P51523
 C-NT2RM4001836
 35 C-NT2RM4001841//"Homo sapiens mRNA for KIAA0920 protein, complete cds."//0//1861bp//98%//
 AB023137
 C-NT2RM4001842
 C-NT2RM4001856
 C-NT2RM4001858//T-BOX CONTAINING PROTEIN TBX6L (FRAGMENT).//6.5E-22//126aa//46%//P79779
 40 C-NT2RM4001865//Homo sapiens mRNA for atopy related autoantigen CALC.//4.3E-244//1248bp//94%//Y17711
 C-NT2RM4001876//RAS SUPPRESSOR PROTEIN 1 (RSU-1) (RSP-1 PROTEIN) (RSP-1).//6.5E-23//184aa//
 36%//Q15404
 C-NT2RM4001880//PUTATIVE DNA HELICASE II HOMOLOG (EC 3.6.1.-).//5.9E-09//268aa//26%//P47486
 C-NT2RM4001922//"Homo-sapiens mRNA for KIAA0957 protein, complete cds."//0//2165bp//99%//
 45 AB023174
 C-NT2RM4001930//"Homo sapiens dolichyl-P-Glc:Man9GlcNAc2-PP-dolichyl glucosyltransferase (ALG6)
 mRNA, complete cds."//0//1930bp//99%//AF102851
 C-NT2RM4001940//"Homo sapiens timeless homolog mRNA, complete cds."//0//2087bp//99%//
 AF098162
 50 C-NT2RM4001953
 C-NT2RM4001965
 C-NT2RM4001969//R.norvegicus mRNA for IP63 protein.//2.6E-261//1563bp//84%//X99330
 C-NT2RM4001979//ZINC FINGER PROTEIN 84 (ZINC FINGER PROTEIN HPF2).//1.8E-112//457aa//47%//
 P51523
 55 C-NT2RM4001984
 C-NT2RM4001987//"NEURAL CELL ADHESION MOLECULE 1, LARGE ISOFORM PRECURSOR (N-CAM
 180) [CONTAINS: N-CAM 140]."//3.2E-17//281aa//30%//P16170
 C-NT2RM4002013//HYPOTHETICAL 89.4 KD TRP-ASP REPEATS CONTAINING PROTEIN IN PMT6-PCT1

INTERGENIC REGION.//6.9E-94//589aa//35%//P42935
 C-NT2RM4002018
 C-NT2RM4002034//"Homo sapiens hiwi mRNA, partial cds."//1.9E-53//1585bp//60%//AF104260
 C-NT2RM4002044
 5 C-NT2RM4002054
 C-NT2RM4002063//"Oryctolagus cuniculus sarcosine oxidase (SOX) mRNA, complete cds."//0//1865bp//99%//U82267
 C-NT2RM4002066//"Homo sapiens thyroid hormone receptor-associated protein complex component TRAP230 mRNA, complete cds."//1.50E-211//1123bp//71%//AF117755
 10 C-NT2RM4002075//RING CANAL PROTEIN (KELCH PROTEIN).//2.8E-105//556aa//41%//Q04652
 C-NT2RM4002128
 C-NT2RM4002140
 C-NT2RM4002145//SLIT PROTEIN PRECURSOR.//1.40E-09//127aa//33%//P24014
 C-NT2RM4002161//"Homo sapiens laforin (EPM2A) mRNA, complete cds."//0//2671bp//99%//AF084535
 15 C-NT2RM4002174//MRP PROTEIN.//9.1E-68//264aa//51%//P21590
 C-NT2RM4002189//"GLUCOAMYLASE S1/S2 PRECURSOR (EC 3.2.1.3) (GLUCAN 1,4-ALPHA- GLU-COSIDASE) (1,4-ALPHA-D-GLUCAN GLUCOHYDROLASE)."//6.2E-33//688aa//27%//P08640
 C-NT2RM4002205//"ELONGATION FACTOR G, MITOCHONDRIAL PRECURSOR (MEF-G)."//3E-37//122aa//72%//Q07803
 20 C-NT2RM4002213//"Homo sapiens protein phosphatase methylesterase-1 (PME-1) mRNA, complete cds."//0//2452bp//100%//AF157028
 C-NT2RM4002226//GTPASE ACTIVATING PROTEIN ROTUND.//3.7E-19//147aa//41%//P40809
 C-NT2RM4002251//"ALPHA-1,3-MANNOSYL-GLYCOPROTEIN BETA-1,2-N-ACETYLGLUCOSAMINYL-TRANSFERASE (EC 2.4.1.101) (N-GLYCOSYL-OLIGOSACCHARIDE-GLYCOPROTEIN N-ACETYLGLU-COSAMINYLTRANSFERASE I) (GNT-I) (GLCNAC-TI)."//2.2E-36//320aa//38%//P27808
 25 C-NT2RM4002256
 C-NT2RM4002266
 C-NT2RM4002281
 30 C-NT2RM4002287
 C-NT2RM4002294
 C-NT2RM4002301
 C-NT2RM4002323//ANTIGEN GOR (FRAGMENT).//0.000000001//154aa//33 %//P48778
 C-NT2RM4002339
 35 C-NT2RM4002344
 C-NT2RM4002373//"Homo sapiens mRNA for KIAA0649 protein, complete cds."//0//2666bp//99%//AB014549
 C-NT2RM4002374
 C-NT2RM4002383
 40 C-NT2RM4002409//ACETYL-COENZYME A SYNTHETASE (EC 6.2.1.1) (ACETATE--COA LIGASE) (ACYL- AC-TIVATING ENZYME).//1.3E-29//275aa//30%//P27095
 C-NT2RM4002438//"Xenopus laevis putative Zic3 binding protein mRNA, complete cds."//1.1E-49//611bp//70%//AF129131
 C-NT2RM4002446
 45 C-NT2RM4002452
 C-NT2RM4002457
 C-NT2RM4002460//"ENV POLYPROTEIN (COAT POLYPROTEIN) [CONTAINS: COAT PROTEINS GP70, GP20]."//0.0000016//226aa//24%//P51515
 C-NT2RM4002493
 50 C-NT2RM4002527//VEGETATIBLE INCOMPATIBILITY PROTEIN HET-E-1.//8.9E-15//366aa//27%//Q00808
 C-NT2RM4002532//PROTEIN HOM1.//2E-16//276aa//28%//P55137
 C-NT2RM4002558//"Homo sapiens fatty acid transport protein (FATP) mRNA, complete cds."//0//1797bp//99%//AF055899
 C-NT2RM4002567
 55 C-NT2RM4002593
 C-NT2RM4002594//MSP1 PROTEIN HOMOLOG.//2.7E-68//236aa//58%//P54815
 C-NT2RM4002623//ASPARTYL-TRNA SYNTHETASE (EC 6.1.1.12) (ASPARTATE--TRNA LIGASE) (ASPRS).//2.3E-101//488aa//45%//032038

C-NT2RP1000324
 C-NT2RP1000363//"Homo sapiens mRNA for KIAA0638 protein, partial cds."//0//1345bp//99%//
 AB014538
 C-NT2RP1000418
 5 C-NT2RP1000513//"Human NifU-like protein (hNifU) mRNA, partial cds."//6.50E-171//516bp//99%//
 U47101
 C-NT2RP1000721
 C-NT2RP1000730
 C-NT2RP1000767
 10 C-NT2RP1000836
 C-NT2RP1000902//HYPOTHETICAL 127.4 KD PROTEIN F07F6.4 IN CHROMOSOME III.//5.2E-20//306aa//
 33%//Q09531
 C-NT2RP1000943
 C-NT2RP1001033//"Homo sapiens delta-tubulin mRNA, complete cds."//2.10E-285//1290bp//100%//
 15 AF201333
 C-NT2RP1001073//"Homo sapiens U6 snRNA-associated Sm-like protein LSm5 mRNA, complete cds.
 "//8.1E-107//504bp//99%//AF182291
 C-NT2RP1001199
 C-NT2RP1001248
 20 C-NT2RP1001253//"Homo sapiens oscillin (hLn) mRNA, complete cds."//0//2020bp//99%//AF029914
 C-NT2RP1001286
 C-NT2RP1001294//MICROTUBULE-ASSOCIATED PROTEIN YTM1 //1.80E-38//258aa//32%//Q12024
 C-NT2RP1001302//MICROTUBULE-ASSOCIATED PROTEIN YTM1 //1.80E-38//258aa//32%//Q12024
 C-NT2RP1001310//"Homo sapiens mitochondrial carrier homolog 1 isoform a mRNA, partial cds; nuclear
 25 gene for mitochondrial product."//0//1732bp//99%//AF176006
 C-NT2RP1001361//"Homo sapiens NADH-ubiquinone oxidoreductase subunit B14.5B homolog mRNA,
 complete cds."//6.5E-116//541bp//100%//AF070652
 C-NT2RP1001385//HYPOTHETICAL 48.8 KD PROTEIN IN SSU81-SCS2 INTERGENIC REGION.//2.7E-22//
 284aa//25%//P40074
 30 C-NT2RP1001432
 C-NT2RP2000040//"Homo sapiens mRNA for KIAA0747 protein, partial cds."//0//2648bp//99%//
 AB013290
 C-NT2RP2000076//Homo sapiens partial mRNA for polyhomeotic 2 protein (PH2 gene).//7.9E-20//265bp//73%//
 AJ242730
 35 C-NT2RP2000098
 C-NT2RP2000108
 C-NT2RP2000257//PUTATIVE MITOCHONDRIAL CARRIER YIL006W//9.7E-41//278aa//36%//P40556
 C-NT2RP2000258//ACTIVATOR 1 140 KD SUBUNIT (REPLICATION FACTOR C LARGE SUBUNIT) (A1 140 KD
 SUBUNIT) (RF-C 140 KD SUBUNIT) (ACTIVATOR 1 LARGE SUBUNIT) (DNA-BINDING PROTEIN PO-GA).//
 40 7.1E-12//213aa//23%//P35251
 C-NT2RP2000289
 C-NT2RP2000327
 C-NT2RP2000337
 C-NT2RP2000420//ZINC FINGER PROTEIN 165.//8.5E-33//155aa//52%//P49910
 45 C-NT2RP2000459
 C-NT2RP2000498
 C-NT2RP2000758
 C-NT2RP2001137
 C-NT2RP2001149
 50 C-NT2RP2001168//VERPROLIN //1.5E-09//143aa//33%//P37370
 C-NT2RP2001173//"Homo sapiens mRNA for KIAA0480 protein, complete cds."//0//1780bp//99%//
 AB007949
 C-NT2RP2001174//GASTRULA ZINC FINGER PROTEIN XLCGF46.1 (FRAGMENT).//6E-10//88aa//38%//
 P18722
 55 C-NT2RP2001196
 C-NT2RP2001226
 C-NT2RP2001268//"Homo sapiens mRNA for KIAA0810 protein, partial cds."//0//3301bp//98%//
 AB018353

C-NT2RP2001290//BETA-SOLUBLE NSF ATTACHMENT PROTEIN (SNAP-BETA) (SNAP-ALPHA HOMOLOG)
 (BRAIN PROTEIN 147) (FRAGMENT).//4.4E-91//179aa//99%/P28663
 C-NT2RP2001295//ZINC/CADMIUM RESISTANCE PROTEIN.//8.3E-39//161aa//34%/P20107
 C-NT2RP2001312
 5 C-NT2RP2001327//"TUMOR NECROSIS FACTOR, ALPHA-INDUCED PROTEIN 1, ENDOTHELIAL (B12
 PROTEIN)."//5.5E-116//311aa//71%/Q13829
 C-NT2RP2001328
 C-NT2RP2001366
 C-NT2RP2001378//MUCIN 2 PRECURSOR (INTESTINAL MUCIN 2)//2E-11//403aa//25%/Q02817
 10 C-NT2RP2001392//MITOCHONDRIAL LON PROTEASE HOMOLOG 1 PRECURSOR (EC 3.4.21.-).//8.4E-192//
 581aa//54%/P93647
 C-NT2RP2001394//Homo sapiens mRNA for SCML2 protein.//0//2068bp//99%/Y18004
 C-NT2RP2001420//"Mus musculus nuclear protein NIP45 mRNA, complete cds."//9E-112//742bp//
 82%/U76759
 15 C-NT2RP2001450
 C-NT2RP2001467
 C-NT2RP2001506
 C-NT2RP2001511//"Homo sapiens putative RNA-binding protein Q99 mRNA, complete cds."//3.2E-
 297//2206bp//75 %//AF093097
 20 C-NT2RP2001520//Homo sapiens mRNA for mitochondrial carrier protein ARALAR1.//0//2502bp//99%/Y14494
 C-NT2RP2001536//"Homo sapiens X-ray repair cross-complementing protein 3 (XRCC3) mRNA, complete
 cds."//0//2326bp//99%/AF035586
 C-NT2RP2001560//VAV2 PROTEIN.//0.00000015//219aa//27%/Q60992
 C-NT2RP2001576//HYPOTHETICAL 62.2 KD PROTEIN C4G8.12C IN CHROMOSOME I.//8.2E-29//294aa//
 25 31%/Q09837
 C-NT2RP2001581
 C-NT2RP2001597//"RYANODINE RECEPTOR, CARDIAC MUSCLE."//0.000000036//127aa//36%/P
 30957
 C-NT2RP2001628
 30 C-NT2RP2001663//ENOLASE (EC 4.2.1.11) (2-PHOSPHOGLYCERATE DEHYDRATASE) (2-PHOSPHO-D-
 GLYCERATE HYDRO-LYASE) (FRAGMENT).//1.1E-47//126aa//53%/P42897
 C-NT2RP2001748//FARNESYL PYROPHOSPHATE SYNTHETASE (FPP SYNTHETASE) (FPS) (FARNESYL DI-
 PHOSPHATE SYNTHETASE) (DIMETHYLLALLYLTRANSFERASE (EC 2.5.1.1) / GERANYLTRANSTRANS-
 FERASE (EC 2.5.1.10)) (KIAA0032).//5.40E-47//96aa//97%/P14324
 35 C-NT2RP2001813
 C-NT2RP2001883//"Homo sapiens CGI-01 protein mRNA, complete cds."//0//2306bp//99%/AF
 132936
 C-NT2RP2001900//ACTIN-LIKE PROTEIN ARP5.//2.3E-38//395aa//30%/P53946
 C-NT2RP2001947
 40 C-NT2RP2001985//"Homo sapiens high-risk human papilloma viruses E6 oncoproteins targeted protein
 E6TP1 alpha mRNA, complete cds."//2.00E-38//435bp//67%/AF090989
 C-NT2RP2001991//SODIUM- AND CHLORIDE-DEPENDENT TRANSPORTER NTT73.//6.5E-129//279aa//85%/Q
 08469
 C-NT2RP2002025//NG-CAM RELATED CELL ADHESION MOLECULE PRECURSOR (NR-CAM) (BRAVO).//
 45 1.7E-47//247aa//52%/P35331
 C-NT2RP2002058//"Homo sapiens WD repeat protein WDR3 (WDR3) mRNA, complete cds."//0//
 2510bp//99%/AF083217
 C-NT2RP2002076//Homo sapiens clone 24804 mRNA sequence.7//1.5E-294//1334bp//99%/AF052183
 C-NT2RP2002078//PECANEX PROTEIN.//1.8E-09//195aa//32%/P18490
 50 C-NT2RP2002079//"HISTONE H1, GONADAL."//4.4E-11//214aa//34%/P02256
 C-NT2RP2002099//Homo sapiens mRNA for E1B-55kDa-associated protein.//0//3389bp//99%/AJ007509
 C-NT2RP2002185//"Homo sapiens ubiquitin mRNA, complete cds."//0//1789bp//99%/AF176069
 C-NT2RP2002193//"Homo sapiens PIAS3 mRNA for protein inhibitor of activated STAT3, complete cds.
 "//0//2809bp//99%/AB021868
 55 C-NT2RP2002231
 C-NT2RP2002235
 C-NT2RP2002252//"Mus musculus (clone pVZmSin3A9) mSin3A9 mRNA, complete cds."//0//3118bp//
 91%/L38621

C-NT2RP2002292
 C-NT2RP2002408
 C-NT2RP2002442//HESA PROTEIN.//2.8E-14//163aa//30%/P46037
 C-NT2RP2002464//DNA CROSS-LINK REPAIR PROTEIN PS02/SNM1 //6.50E-07//171aa//27%/P30620
 5 C-NT2RP2002498
 C-NT2RP2002503//ZINC FINGER PROTEIN 45 (BRC1744).//4.6E-14//537aa//49%/Q02386
 C-NT2RP2002520//"Homo sapiens transcription factor RFX-B (RFXB) mRNA, complete cds."//3.70E-34//668bp//61%/AF105427
 C-NT2RP2002549
 10 C-NT2RP2002609//2-HYDROXYMUCONIC SEMIALDEHYDE HYDROLASE (EC 3.1.1.-) (HMSH).//2.80E-08//109aa//37%/P19076
 C-NT2RP2002706
 C-NT2RP2002710//SH3-BINDING PROTEIN 3BP-1.//4.9E-85//489aa//43%/P55194
 C-NT2RP2002800
 15 C-NT2RP2002880//GLUCOSE REPRESSION MEDIATOR PROTEIN.//0.000039//206aa//23%/P14922
 C-NT2RP2002891
 C-NT2RP2002929//HYPOTHETICAL 46.2 KD TRP-ASP REPEATS CONTAINING PROTEIN D2013.2 IN CHROMOSOME II.//4.1E-87//395aa//40%/Q18964
 C-NT2RP2002939//ZINC FINGER PROTEIN 136.//5.4E-70//282aa//42%/P52737
 20 C-NT2RP2002993//DNA-DIRECTED RNA POLYMERASE I 135 KD POLYPEPTIDE (EC 2.7.7.6) (RNA POLYMERASE I SUBUNIT 2) (RPA135).//0//716aa//91%/P70700
 C-NT2RP2003034
 C-NT2RP2003099
 C-NT2RP2003137//UBIQUITIN.//0.000026//70aa//30%/P13117
 25 C-NT2RP2003157//"Homo sapiens CGI-74 protein mRNA, complete cds."//0//2037bp//99%/AF151832
 C-NT2RP2003158//"Homo sapiens mRNA for proteasome subunit p58, complete cds."//0//2091bp//99%/D67025
 C-NT2RP2003165
 30 C-NT2RP2003243//Homo sapiens partial mRNA for putative p621 protein which interacts with transcription factor Sp1.//0//1544bp//99%/AJ242978
 C-NT2RP2003277//"Homo sapiens mRNA for KIAA0625 protein, partial cds."//0//3788bp//99%/AB014525
 C-NT2RP2003286//PROBABLE RNA 3'-TERMINAL PHOSPHATE CYCLASE (EC 6.5.1.4) (RNA-3'-PHOSPHATE CYCLASE) (RNA CYCLASE).//4.1E-88//374aa//47%/Q23400
 35 C-NT2RP2003297
 C-NT2RP2003307//KINESIN LIGHT CHAIN (KLC).//2.2E-199//550aa//70%/Q07866
 C-NT2RP2003308//CROOKED NECK PROTEIN.//5.4E-244//622aa//67%/P17886
 C-NT2RP2003347//BREAST CANCER TYPE 1 SUSCEPTIBILITY PROTEIN HOMOLOG.//0.000022//261aa//24%/P48754
 40 C-NT2RP2003391//Homo sapiens mRNA for nuclear transport receptor.//0//1509bp//99%/AJ133769
 C-NT2RP2003393
 C-NT2RP2003445
 C-NT2RP2003466//"Homo sapiens delta-6 fatty acid desaturase mRNA, complete cds."//7//2194bp//99%/AF126799
 45 C-NT2RP2003480//"Homo sapiens zinc finger DNA binding protein 99 (ZNF281) mRNA, complete cds."//0//3012bp//99%/AF125158
 C-NT2RP2003506//NADPH-CYTOCHROME P450 REDUCTASE (EC 1.6.2.4) (CPR).//5.4E-14//106aa//46%/P04175
 50 C-NT2RP2003511
 C-NT2RP2003513//"Human mRNA for KIAA0270 gene, partial cds."//0//2137bp//97%/D87460
 C-NT2RP2003567//"Homo sapiens mRNA for KIAA0462 protein, partial cds."//0//2343bp//99%/AB007931
 C-NT2RP2003604//"Homo sapiens alpha-catenin-like protein (CTNNAL1) mRNA, complete cds."//0//2442bp//99%/AF030233
 55 C-NT2RP2003691
 C-NT2RP2003713//"Homo sapiens ubiquitin-specific protease 3 (USP3) mRNA, complete cds."//0//2018bp//99%/AF073344

C-NT2RP2003760//COATOMER GAMMA SUBUNIT (GAMMA-COAT PROTEIN) (GAMMA-COP).//0//869aa//
 80%//P53620
 C-NT2RP2003764
 C-NT2RP2003769
 5 C-NT2RP2003777
 C-NT2RP2003840//HYPOTHETICAL 48.1 KD PROTEIN B0403.2 IN CHROMOSOME X.//3.7E-21//137aa//43%//
 Q11076
 C-NT2RP2003857//MYOTROPHIN (V-1 PROTEIN) (GRANULE CELL DIFFERENTIATION PROTEIN).//
 0.00000016//117aa//29%//Q91955
 10 C-NT2RP2003981//"Homo sapiens mRNA for KIAA0804 protein, partial cds."//0//3046bp//99%//
 AB018347
 C-NT2RP2003984//Homo sapiens mRNA; cDNA DKFZp564A026 (from clone DKFZp564A026).//0//2514bp//
 99%//AL050367
 C-NT2RP2004041//SYNAPSINS IA AND IB.//0.00000074//159aa//32%//P17599
 15 C-NT2RP2004066//"Human DNA sequence from clone 134019 on chromosome 1p36.11-36.33, complete
 sequence."//0//2410bp//99%//AL034555
 C-NT2RP2004081
 C-NT2RP2004124
 C-NT2RP2004152
 20 C-NT2RP2004165
 C-NT2RP2004187//ZINC FINGER PROTEIN 38 (ZFP-38) (CTFIN51) (TRANSCRIPTION FACTOR RU49).//5.6E-
 31//424aa//28%//007231
 C-NT2RP2004239//"Homo sapiens lok mRNA for protein kinase, complete cds."//0//3044bp//99%//
 AB015718
 25 C-NT2RP2004245
 C-NT2RP2004364
 C-NT2RP2004365
 C-NT2RP2004366//"Homo sapiens mRNA for KIAA0986 protein, partial cds."//0//2790bp//97%//
 AB023203
 30 C-NT2RP2004373
 C-NT2RP2004476//"Homo sapiens cyclin L ania-6a mRNA, complete cds."//0//2075bp//99%//
 AF180920
 C-NT2RP2004551
 C-NT2RP2004568//PUTATIVE ATP-DEPENDENT RNA HELICASE C30D11.03.//3E-117//625aa//40%//Q09903
 35 C-NT2RP2004600
 C-NT2RP2004664//"Homo sapiens mRNA for KIAA0460 protein, partial cds."//0//2368bp//99%//
 AB007929
 C-NT2RP2004743
 C-NT2RP2004768//SERINE/THREONINE-PROTEIN KINASE NRK1 (EC 2.7.1.-) (N-RICH KINASE 1).//1.3E-26//
 40 190aa//41-%//P38692
 C-NT2RP2004816//"Homo sapiens H beta 58 homolog mRNA, complete cds."//0//2144bp//96%//
 AF054179
 C-NT2RP2004861
 C-NT2RP2004897
 45 C-NT2RP2004933//"Homo sapiens mRNA for ZIP-kinase, complete cds."//0//2103bp//99%//AB007144
 C-NT2RP2004978//ACTIN-LIKE PROTEIN ARP8.//3.3E-47//353aa//30%//Q12386
 C-NT2RP2005038//DNA NUCLEOTIDYLEXOTRANSFERASE (EC 2.7.7.31) (TERMINAL ADDITION ENZYME)
 (TERMINAL DEOXYNUCLEOTIDYLTRANSFERASE) (TERMINAL TRANSFERASE).//4E-91//218aa//44%//
 Q92089
 50 C-NT2RP2005162//"Homo sapiens aspartyl aminopeptidase mRNA, complete cds."//0//1615bp//99%//
 AF005050
 C-NT2RP2005204//"Homo sapiens SUMO-1-activating enzyme E1 N subunit (SUA1) mRNA, complete cds.
 "//0//1262bp//99%//AF090385
 C-NT2RP2005227
 55 C-NT2RP2005287
 C-NT2RP2005288//"Homo sapiens RCC1-like G exchanging factor RLG mRNA, complete cds."//0//
 2992bp//99%//AF060219
 C-NT2RP2005490//"Mus musculus D3Mm3e (D3Mm3e) mRNA, complete cds."//1.8E-175//1102bp//

83%//AF053628
 C-NT2RP2005539//"Homo sapiens mRNA for KIAA0850 protein, complete cds."//0//1560bp//99%//
 AB020657
 C-NT2RP2005605//QUEUINE TRNA-RIBOSYLTRANSFERASE (EC 2.4.2.29) (TRNA-GUANINE TRANSGLYC-
 5 OSYLASE) (GUANINE INSERTION ENZYME).//8.2E-23//164aa//28%//032053
 C-NT2RP2005722//"Homo sapiens ZK1 mRNA for Kruppel-type zinc finger protein, complete cds."//
 0//2545bp//99%//AB011414
 C-NT2RP2005732
 C-NT2RP2005784//"Homo sapiens ubiquitin-conjugating enzyme variant Kua (UBE2V) mRNA, complete
 10 cds."//0//2191bp//92%//AF155120
 C-NT2RP2005812//HYPOTHETICAL 39.3 KD PROTEIN IN GCN4-WBP1 INTERGENIC REGION.//2.3E-39//
 318aa//31%//P40004
 C-NT2RP2005859//"Homo sapiens mRNA for KIAA0863 protein, complete cds."//0//1649bp//99%//
 AB020670
 15 C-NT2RP2006023
 C-NT2RP2006334//Homo sapiens mRNA; cDNA DKFZp434J154 (from clone DKFZp434J154).//0//2318bp//99%//
 AL080155
 C-NT2RP2006441
 C-NT2RP3000002
 20 C-NT2RP3000050//ZINC FINGER PROTEIN 91 (ZINC FINGER PROTEIN HTF10) (HPF7).//2.2E-150//490aa//
 53%//Q05481
 C-NT2RP3000055
 C-NT2RP3000068
 C-NT2RP3000080
 25 C-NT2RP3000085//ACETYL-/PROPIONYL-COENZYME A CARBOXYLASE ALPHA CHAIN [CONTAINS: BIOTIN
 CARBOXYLASE (EC 6.3.4.14); BIOTIN CARBOXYL CARRIER PROTEIN (BCCP)].//1.9E-123//436aa//50%//
 P46401
 C-NT2RP3000092
 C-NT2RP3000109//P54 PROTEIN PRECURSOR.//0.0000065//358aa//22%//P13692
 30 C-NT2RP3000134
 C-NT2RP3000149
 C-NT2RP3000197
 C-NT2RP3000207//"GLUCOAMYLASE S1/S2 PRECURSOR (EC 3.2.1.3) (GLUCAN 1,4-ALPHA- GLU-
 COSIDASE) (1,4-ALPHA-D-GLUCAN GLUCOHYDROLASE)."//2.9E-11//721aa//23%//P08640
 35 C-NT2RP3000233//"Human DNA sequence from clone 22D12 on chromosome Xq21.1-21.33. Contains a
 novel protein similar to Drosophila Kelch (Ring Canal protein, KEL) and a heterogenous set of other types of
 proteins. Contains ESTs and GSSs, complete sequence."//0//1462bp//99%//AL035424
 C-NT2RP3000235
 C-NT2RP3000247
 40 C-NT2RP3000267
 C-NT2RP3000299//"Rattus norvegicus mRNA for Crk-associated substrate, p130, complete cds."//0//
 2730bp//82%//D29766
 C-NT2RP3000324
 C-NT2RP3000341//"Homo sapiens mitochondrial inner membrane preprotein translocase Timl7a mRNA,
 45 nuclear gene encoding mitochondrial protein, complete cds."//1.5E-246//1124bp//99%//AF106622
 C-NT2RP3000393//"Rattus norvegicus DNA-binding protein PREB (Preb) mRNA, complete cds."//
 5.8E-266//1373bp//86%//AF061817
 C-NT2RP3000441//"Homo sapiens squamous cell carcinoma antigen recognized by T cell (SART-2) mRNA,
 complete cds."//3.40E-42//645bp//67%//AF098066
 50 C-NT2RP3000449
 C-NT2RP3000451
 C-NT2RP3000456
 C-NT2RP3000542
 C-NT2RP3000561
 55 C-NT2RP3000562//"Homo sapiens putative RNA-binding protein Q99 mRNA, complete cds."//0//
 2165bp//99%//AF093097
 C-NT2RP3000578//HES1 PROTEIN.//1.3E-22//229aa//27%//P35843
 C-NT2RP3000590//UVS-2 PROTEIN.//1.3E-22//458aa//24%//P33288

C-NT2RP3000592
 C-NT2RP3000622
 C-NT2RP3000624
 C-NT2RP3000685
 5 C-NT2RP3000736//HYPOTHETICAL PROTEIN KIAA0140.//1.2E-166//305aa//99%//014153
 C-NT2RP3000742//"1-PHOSPHATIDYLINOSITOL-4,5-BISPHOSPHATE PHOSPHODIESTERASE DELTA
 1 (EC 3.1.4.11) (PLC-DELTA-1) (PHOSPHOLIPASE C-DELTA-1) (PLC-III) (FRAGMENT)."//4.1E-165//
 371aa//49%//P10895
 C-NT2RP3000753
 10 C-NT2RP3000826
 C-NT2RP3000865
 C-NT2RP3000875//MEVALONATE KINASE (EC 2.7.1.36) (MK).//7.7E-87//175aa//98%//Q03426
 C-NT2RP3001007
 C-NT2RP3001055
 15 C-NT2RP300111//"Homo sapiens TRF-proximal protein mRNA, complete cds."//1.50E-149//731bp//
 97%//AF097725
 C-NT2RP3001120//ZINC FINGER PROTEIN 136.//7.8E-170//512aa//58%//P52737
 C-NT2RP3001126
 C-NT2RP3001150//TRANSCRIPTION TERMINATION FACTOR RHO.//0.00000031//207aa//29%//P52154
 20 C-NT2RP3001232
 C-NT2RP3001268//"Homo sapiens zinc finger protein ZNF228 (ZNF228) mRNA, complete cds."//0//
 3606bp//99%//AF198358
 C-NT2RP3001272//Mus musculus mRNA for macrophage actin-associated-tyrosine-phosphorylated protein.//
 1.3E-99//669bp//83%//Y18101
 25 C-NT2RP3001274//"Homo sapiens mRNA for KIAA1037 protein, partial cds."//0//2254bp//99%//
 AB028960
 C-NT2RP3001281
 C-NT2RP3001297
 C-NT2RP3001318
 30 C-NT2RP3001338//ZINC FINGER PROTEIN 81 (FRAGMENT).//2.4E-16//175aa//28%//P51508
 C-NT2RP3001355//TRICARBOXYLATE TRANSPORT PROTEIN PRECURSOR (CITRATE TRANSPORT PRO-
 TEIN) (CTP) (TRICARBOXYLATE CARRIER PROTEIN).//3.6E-25//129aa//34%//P32089
 C-NT2RP3001374
 C-NT2RP3001428//NUCLEOPROTEIN TPR.//1.4E-128//152aa//99%//P12270
 35 C-NT2RP3001432
 C-NT2RP3001447
 C-NT2RP3001449//"Human DNA sequence from clone 283E3 on chromosome 1p36.21-36.33. Contains the
 alternatively spliced gene for Matrix Metalloproteinase in the Female Reproductive tract MIFR1, -2, MMP21/22A,
 -B and -C, a novel gene, the alternatively spliced CDC2L2 gene for Cell Division Cycle 2-Like 2 (PITSLRE, p58/GTA,
 40 Galactosyltransferase Associated Protein Kinase) beta 1, beta 2-1, beta 2-2 and alpha 2-4, a 40S Ribosomal
 Protein S7 pseudogene, part of the KIAA0447 gene, a novel alternatively spliced gene similar to many (archae)
 bacterial, worm and yeast hypothetical genes, and the GNB1 gene for Guanine Nucleotide Binding Protein (G
 protein), Beta polypeptide 1 (Transducin Beta chain 1). Contains putative CpG islands, ESTs, STSs and GSSs,
 complete sequence."//0//1827bp//99%//AL031282
 45 C-NT2RP3001453//ANTIGEN PEPTIDE TRANSPORTER 2 (APT2) (HISTOCOMPATIBILITY ANTIGEN MODIFI-
 ER 2).//3.2E-90//157aa//59%//P36371
 C-NT2RP3001459
 C-NT2RP3001527//"Human Spl40 protein (Spl40) mRNA, complete cds."//4.3E-290//793bp//93%//
 U63420
 50 C-NT2RP3001538//HYPOTHETICAL 39.0 KD PROTEIN T2.8D9.3 IN CHROMOSOME II.//9.10E-10//158aa//
 31%//Q10022
 C-NT2RP3001580//"Mus musculus strain C57BL/J germ cell-less protein (Gcl) mRNA, complete cds."/
 //0//1730bp//85%//AF163665
 C-NT2RP3001587//"Human anthracycline-associated resistance ARX mRNA, complete cds."//0//
 55 2617bp//99%//U35832
 C-NT2RP3001589
 C-NT2RP3001607
 C-NT2RP3001608

C-NT2RP3001671//"Homo sapiens mRNA for KIAA0850 protein, complete cds."//0//2310bp//99%//
 AB020657
 C-NT2RP3001672//"Homo sapiens Sex comb on midleg homolog 1 isoform 2 (SCMH1) mRNA, complete
 cds."//0//2836bp//99%//AF149046
 5 C-NT2RP3001678
 C-NT2RP3001688//"Homo sapiens glucocorticoid modulatory element binding protein-1 (GMEB1) mRNA,
 complete cds."//0//1695bp//99%//AF099013
 C-NT2RP3001690//INTRACELLULAR PROTEIN TRANSPORT PROTEIN USO1.//0.00000024//481aa//21%//
 P25386
 10 C-NT2RP3001698
 C-NT2RP3001708//TWISTED GASTRULATION PROTEIN PRECURSOR.//3.4E-33//161aa//32%//P54356
 C-NT2RP3001716
 C-NT2RP3001752
 C-NT2RP3001792//HETEROGENEOUS NUCLEAR RIBONUCLEOPROTEIN M (HNRNP M).//1.8E-117//462aa//
 15 55%//P52272
 C-NT2RP3001844
 C-NT2RP3001854//Homo sapiens mRNA; cDNA DKFZp564G013 (from clone DKFZp564G013).//0//1528bp//
 99%//AL050011
 C-NT2RP3001855//HOMEBOX PROTEIN PKNOX1 (HOMEBOX PROTEIN PREP-1).//8.1E-125//302aa//
 20 60%//P55347
 C-NT2RP3001898//"Homo sapiens mRNA for UDP-N-acetylglucosamine: alpha-1,3-D-mannoside beta-
 1,4-N-acetylglucosaminyltransferase IV, complete cds."//0//1587bp//100%//AB000624
 C-NT2RP3001931
 C-NT2RP3001969//TRICHOHYALIN.//2.7E-11//442aa//23%//P37709
 25 C-NT2RP3002002
 C-NT2RP3002004//H.sapiens mRNA for FAST kinase.//1.50E-19211475bp//94%//X86779
 C-NT2RP3002007//SAP1 PROTEIN.//1.1E-68//474aa//32%//P39955
 C-NT2RP3002014//HYPOTHETICAL 32.0 KD PROTEIN C09F5.2 IN CHROMOSOME III.//5.30E-25//139aa//
 48%//Q09232
 30 C-NT2RP3002045//"Homo sapiens mRNA for KIAA0899 protein, partial cds."//0//33 85bp//99%//
 AB020706
 C-NT2RP3002056//"Homo sapiens Rb binding protein homolog mRNA, partial cds."//0//2374bp//99%//
 AF083249
 C-NT2RP3002062//"Homo sapiens mRNA for KIAA0873 protein, partial cds."//0//3764bp//99%//
 35 AB020680
 C-NT2RP3002081//"Xenopus laevis chromosome condensation protein XCAP-G mRNA, complete cds.
 "//4.1E-233//1896bp//69%//AF111423
 C-NT2RP3002097
 C-NT2RP3002108//DEC1 PROTEIN (MDM20 PROTEIN).//7.90E-09//181aa//22%//Q12387
 40 C-NT2RP3002142
 C-NT2RP3002146
 C-NT2RP3002151//G1 TO S PHASE TRANSITION PROTEIN 1 HOMOLOG (GTP-BINDING PROTEIN
 GST1-HS).//2.8E-253//474aa//93%//P15170
 C-NT2RP3002165//TRANSCRIPTIONAL REGULATOR PROTEIN HCNGP7.//1.9E-151//223aa//91%//Q02614
 45 C-NT2RP3002166
 C-NT2RP3002181
 C-NT2RP3002244
 C-NT2RP3002248
 C-NT2RP3002273//SCD6 PROTEIN.//1.30E-09//295aa//28%//P45978
 50 C-NT2RP3002276
 C-NT2RP3002304
 C-NT2RP3002501//THREONINE DEHYDRATASE CATABOLIC (EC 4.2.1.16) (THREONINE DEAMINASE).//
 3.70E-43//318aa//37%//P05792
 C-NT2RP3002529//Homo sapiens mRNA for leucocyte vacuolar protein sorting.//0//2276bp//99%//AJ133421
 55 C-NT2RP3002566
 C-NT2RP3002587
 C-NT2RP3002590
 C-NT2RP3002631

C-NT2RP3002650//"Mus musculus growth suppressor 1L (Gros1) mRNA, complete cds."//0//2109bp//
 87%//AF165163
 C-NT2RP3002663//"Homo sapiens putative glycolipid transfer protein mRNA, complete cds."//8.10E-
 263//1243bp//97%//AF103731
 5 C-NT2RP3002671//ELONGATION FACTOR 2 (EF-2)//2.50E-73//179aa//36%//P13060
 C-NT2RP3002763
 C-NT2RP3002861
 C-NT2RP3002911
 C-NT2RP3002948//RING CANAL PROTEIN (KELCH PROTEIN)//2E-111//551aa//42%//Q04652
 10 C-NT2RP3002953//"Homo sapiens protocadherin beta 5 (PCDH-beta5) mRNA, complete cds."//0//
 2388bp//99%//AF152498
 C-NT2RP3002988//"Homo sapiens Ikb kinase-b (IKK-beta) mRNA, complete cds."//1.8E-292//
 1325bp//99%//AF080158
 C-NT2RP3003008
 15 C-NT2RP3003101//"Mouse mRNA for tetracycline transporter-like protein, complete cds."//3.6E-83//
 807bp//72%//D88315
 C-NT2RP3003204
 C-NT2RP3003278
 C-NT2RP3003282//"Homo sapiens dynamin (DNM) mRNA, complete cds."//0//2596bp//98%//L36983
 20 C-NT2RP3003290//"Mus musculus mRNA for Ndr1 related protein Ndr3, complete cds."//1.5E-310//
 1468bp//82%//AB033922
 C-NT2RP3003302
 C-NT2RP3003313//"Homo sapiens thyroid hormone receptor-associated protein complex component
 TRAP80 mRNA, complete cds."//0//2476bp//99%//AF117657
 25 C-NT2RP3003327//52 KD RO PROTEIN (SJOGREN SYNDROME TYPE A ANTIGEN (SS-A)) (RO(SS-A))
 (R052)//1.3E-35//178aa//44%//Q62191
 C-NT2RP3003344
 C-NT2RP3003353//HYPOTHETICAL 26.2 KD PROTEIN IN GDI1-COX15 INTERGENIC REGION//2.80E-07//
 161aa//28%//P40084
 30 C-NT2RP3003377
 C-NT2RP3003385//"Mus musculus SKD3 mRNA, complete cds."//0//2133bp//85%//U09874
 C-NT2RP3003433
 C-NT2RP3003490//"Homo sapiens mRNA for KIAA0725 protein, partial cds."//0//2437bp//99%//
 AB018268
 35 C-NT2RP3003491//"Drosophila melanogaster Pelle associated protein Pellino (Pli) mRNA, complete cds.
 "//5.6E-36//842bp//62%//AF091624
 C-NT2RP3004206//CROOKED NECK PROTEIN//1.4E-220//567aa//67%//P17886
 C-NT2RP3004207//Homo sapiens mRNA for type I transmembrane receptor (psk-1 gene)//0//2445bp//100%//
 AJ245820
 40 C-NT2RP3004209//"Homo sapiens ubiquitin processing protease (Ubp-M) mRNA, complete cds."//0//
 2320bp//99%//AF126736
 C-NT2RP3004242//PUTATIVE RHO/RAC GUANINE NUCLEOTIDE EXCHANGE FACTOR (RHO/RAC GEF) (FA-
 CIOGENITAL DYSPLASIA PROTEIN HOMOLOG)//4.7E-13//118aa//33%//P52734
 C-NT2RP3004246
 45 C-NT2RP3004258//"Homo sapiens ZIS1 mRNA, complete cds."//0//1861bp//99%//AF065391
 C-NT2RP3004262//"Homo sapiens heat shock protein hsp40-3 mRNA, complete cds."//2.4E-248//
 1126bp//100%//AF088982
 C-NT2RP3004341
 C-NT2RP3004378
 50 C-NT2RP3004424//Homo sapiens mRNA for stromal antigen 3 (STAG3 gene)//1E-66//364bp//93%//AJ007798
 C-NT2RP3004428
 C-NT2RP3004451
 C-NT2RP3004454//"Homo sapiens mRNA for KIAA0448 protein, complete cds."//0//2875bp//99%//
 AB007917
 55 C-NT2RP3004472//GERM CELL-LESS PROTEIN//1.6E-61//170aa//40%//Q01820
 C-NT2RP3004498//"Mus musculus ROSA 26 transcription AS ROSA26AS mRNA, complete cds."//
 2E-249//1777bp//80%//U83176
 C-NT2RP3004504//M.musculus mRNA for CPEB protein//1.9E-295//893bp//92%//Y08260

C-NT2RP3004507//MOB1 PROTEIN (MPS1 BINDER 1)//3.7E-37//190aa//39%/P40484
 C-NT2RP3004534//"Mouse oncogene (ect2) mRNA, complete cds."//0//2075bp//87%/L11316
 C-NT2RP4000528//NPL4 PROTEIN//9.8E-86//515aa//37%/P33755
 5 C-NT2RP4000907//"Mouse NLRR-1 mRNA for leucine-rich-repeat protein, complete cds."//0//
 2127bp//86%/D45913
 C-NT2RP4001029//"Mus domesticus nuclear binding factor NF2d9 mRNA, complete cds."//0//1711bp//
 90%/U20086
 C-NT2RP4001336//GUANINE NUCLEOTIDE-BINDING PROTEIN BETA SUBUNIT-LIKE PROTEIN//0.000016//
 186aa//29%/O24076
 10 C-NT2RP4001389//KES1 PROTEIN//1.70E-31//342aa//34%/P35844
 C-NT2RP4001442
 C-NT2RP4001529//"Mus domesticus nuclear binding factor NF2d9 mRNA, complete cds."//1.70E-255//
 1148bp//90%/U20086
 C-NT2RP4001656//VACUOLAR BIOGENESIS PROTEIN END1 (PEP5 PROTEIN)//1.10E-45//310aa//27%/P12868
 15 C-OVARC1000106//"TROPOMYOSIN 1, FUSION PROTEIN 33."//0.000032//165aa//27%/P49455
 C-OVARC1000198
 C-OVARC1000682//"PROCESSING ALPHA-1,2-MANNOSIDASE (EC 3.2.1.-) (ALPHA-1,2-MANNOSI-
 DASE 1B)."//1.1E-209//293aa//95%/P39098
 20 C-OVARC1000703
 C-OVARC1000722//"Homo sapiens chromosome 1q21-1q23 beta-1,4-galactosyltransferase mRNA, com-
 plete cds."//0//759bp//98%/AF038661
 C-OVARC1000730
 C-OVARC1000746//MATERNAL EFFECT PROTEIN STAUFEN//0.000000017//78aa//48%/P25159
 25 C-OVARC1000781
 C-OVARC1000787
 C-OVARC10008347//Homo sapiens mRNA for atopy related autoantigen CALCJ//2.8E-258//1183bp//99%/Y17711
 C-OVARC1000846//NUCLEOLIN (PROTEIN C23)//0.0000097//109aa//30%/P08199
 C-OVARC1000850//"Homo sapiens PB39 mRNA, complete cds."//0//2095bp//99%/AF045584
 30 C-OVARC1000862//M.musculus mRNA for FT1//5.9E-226//1498bp//81%/Z67963
 C-OVARC1000876//MOB1 PROTEIN (MPS1 BINDER 1)//2.2E-50//206aa//52%/P40484
 C-OVA-RC1000883
 C-OVARC1000886
 C-OVARC1000912
 35 C-OVARC1000915//"Homo sapiens histone deacetylase 5 mRNA, complete cds."//1.60E-121//591bp//
 97%/AF132608
 C-OVARC1000924
 C-OVARC1000964
 C-OVARC1000984
 40 C-OVARC1001004
 C-OVARC1001010
 C-OVARC1001011
 C-OVARC1001032
 C-OVARC1001044
 45 C-OVARC1001055//PRE-B CELL ENHANCING FACTOR PRECURSOR//1.9E-35//76aa//98%/P43490
 C-OVARC1001068//"Homo sapiens Era GTPase A protein (HERA-A) mRNA, partial cds."//0//1819bp//
 99%/AF082657
 C-OVARC1001074
 C-OVARC1001092//"Homo sapiens mRNA for JM5 protein, complete CDS (clone IMAGE 53337,
 50 LLNLc110F185707 (RZPD Berlin) and LLNLc110G0913Q7 (RZPD Berlin))."//2E-214//769bp//97%/AJ005897
 C-OVARC1001107//"Homo sapiens protein methyltransferase (JBP1) mRNA, complete cds."//6.1E-
 276//594bp//98%/AF167572
 C-OVARC1001154//"Homo sapiens clone 24720 epithelin 1 and 2 mRNA, complete cds."//2.3E-296//
 55 1561bp//93%/AF055008
 C-OVARC1001161
 C-OVARC1001167
 C-OVARC1001170

EP 1 074 617 A2

C-OVARC1001171//"Homo sapiens translation initiation factor 3 47 kDa subunit mRNA, complete cds."
//5.7E-151//436bp//92%//U94855
C-OVARC1001173
C-OVARC1001176
5 C-OVARC1001180//UBIQUITIN-LIKE PROTEIN DSK2.//1.1E-11//221aa//25%//P48510
C-OVARC1001188
C-OVARC1001232//"CLEAVAGE AND POLYADENYLATION SPECIFICITY FACTOR, 100 KD SUBUNIT
(CPSF 100 KD SUBUNIT)."//5.10E-22//83aa//37%//Q10568
C-OVARC1001270
10 C-OVARC1001271//NUCLEOLAR TRANSCRIPTION FACTOR 1 (UPSTREAM BINDING FACTOR 1) (UBF-1).//
0.0000014//224aa//26%//P25976
C-OVARC1001306//N-MYC PROTO-ONCOGENE PROTEIN.//0.00000073//247aa//27%//P18444
C-OVARC1001344
C-OVARC1001369
15 C-OVARC1001372//"Homo sapiens mRNA for KIAA0897 protein, partial cds."//0//840bp//97%//
AB020704
C-OVARC1001391
C-OVARC1001399
C-OVARC1001417//"Homo sapiens thyroid hormone receptor-associated protein complex component
20 TRAP170 mRNA, complete cds."//0//1715bp//99%//AF135802
C-OVARC1001419//"Homo sapiens GOK (STIM1) mRNA, complete cds."//4.9E-48//586bp//69%//
U52426
C-OVARC1001436//ENL PROTEIN.//0.00000009//81aa//39%//Q03111
C-OVARC1001453
25 C-OVARC1001476//"Mus musculus YGR163w mRNA homologue, complete cds."//1.80E-187//
510bp//89%//AB017616
C-OVARC1001480
C-OVARC1001489
C-OVARC1001506//POLYCYSTIN PRECURSOR (AUTOSOMAL DOMINANT POLYCYSTIC KIDNEY DISEASE
30 PROTEIN 1).//0//777aa//91%//P98161
C-OVARC1001525
C-OVARC1001555//NGG1-INTERACTING FACTOR 3.//4.4E-19//130aa//40%//P53081
C-OVARC1001577//Homo sapiens SRp46 splicing factor transcribed retropseudogene.//0//1167bp//100%//
AF031165
35 C-OVARC1001600
C-OVARC1001610//"Homo sapiens choline/ethanolaminephosphotransferase (CEPT1) mRNA, complete
cds."//0//1870bp//99%//AF068302
C-OVARC1001702
C-OVARC1001703//"Mus musculus ARL-6 interacting protein-2 (Aip-2) mRNA, complete cds."//3.5E-
40 16//399bp//61%//AF133670
C-OVARC1001711//CORNIFIN B (SMALL PROLINE-RICH PROTEIN 1B) (SPR1B) (SPR1 B).//2.80E-10//106aa//
38%//Q62267
C-OVARC1001713//ENDOZEPINE-RELATED PROTEIN PRECURSOR (MEMBRANE-ASSOCIATED DI-
AZEPAM BINDING INHIBITOR) (MA-DBI).//4.4E-40//195aa//41%//P07106
45 C-OVARC1001726//APICAL-LIKE PROTEIN (APXL PROTEIN).//4.3E-16//116aa//43%//Q13796
C-OVARC1001731//"TROPOMYOSIN ALPHA CHAIN, FIBROBLAST ISOFORM F2."//4E-122//
282aa//85%//P08942
C-OVARC1001745
C-OVARC1001762//"N-TERMINAL ACETYLTRANSFERASE 1 (EC 2.3.1.88) (AMINO-TERMINAL, ALPHA-
50 AMINO, ACETYLTRANSFERASE 1)."//6.4E-85//514aa//34%//P12945
C-OVARC1001766//"Homo sapiens eukaryotic translation initiation factor eIF3, p35 subunit mRNA, complete
cds."//0//963bp//99%//U97670
C-OVARC1001767//"Homo sapiens mRNA for KIAA0675 protein, complete cds."//0//2083bp//99%//
AB014575
55 C-OVARC1001768
C-OVARC1001791
C-OVARC1001795
C-OVARC1001802

C-OVARC1001809//"Mus musculus sphingosine kinase (SPHK1a) mRNA, partial cds."//2.7E-190//
 1624bp//76%//AF068748
 C-OVARC1001828
 C-OVARC1001846
 5 C-OVARC1001861
 C-OVARC1001879
 C-OVARC1001880
 C-OVARC1001883
 C-OVARC1001916
 10 C-OVARC1001928
 C-OVARC1001942//"N-TERMINAL ACETYLTRANSFERASE 1 (EC 2.3.1.88) (AMINO-TERMINAL, ALPHA-
 AMINO, ACETYLTRANSFERASE 1)."//3.1E-81//497aa//35%//P12945
 C-OVARC1001943//"Mus musculus DEBT-91 mRNA, complete cds."//0//2035bp//87%//AF143859
 C-OVARC1001950
 15 C-OVARC1001987//"Rattus norvegicus DNA-binding protein PREB (Preb) mRNA, complete cds."//
 2.3E-220//652bp//84%//AF061817
 C-OVARC1002050//"Homo sapiens mRNA for actin binding protein ABP620, complete cds."//0//
 1019bp//99%//AB029290
 C-OVARC1002082
 20 C-OVARC1002107
 C-OVARC1002127//SODIUM-INDEPENDENT ORGANIC ANION TRANSPORTER 2 (BRAIN DIGOXIN CARRI-
 ER PROTEIN) (BRAIN-SPECIFIC ORGANIC ANION TRANSPORTER) (OATP-B1).//5.4E-52//306aa//35%//
 035913
 C-OVARC1002138//SAP1 PROTEIN.//7.6E-60//128aa//59%//P39955
 25 C-OVARC1002156
 C-OVARC1002158
 C-PLACE1000004//"Homo sapiens IDN3-B mRNA, complete cds."//0//2365bp//99%//AB019602
 C-PLACE1000040//TRANSFORMING PROTEIN P21/K-RAS 2B.//1.4E-17//185aa//32%//P08643
 C-PLACE1000048
 30 C-PLACE1000050
 C-PLACE1000061//Human ribosomal protein L37a mRNA sequence.//7.9E-54//190bp//94%//L22154
 C-PLACE1000081//"Human SEC7 homolog Tic (TIC) mRNA, complete cds."//0//2077bp//99%//
 U63127
 C-PLACE1000094
 35 C-PLACE1000133//TRANSCRIPTION FACTOR BTF3 (RNA POLYMERASE B TRANSCRIPTION FACTOR 3).//
 1.8E-62//158aa//81%//P20290
 C-PLACE1000214
 C-PLACE1000236
 C-PLACE1000246
 40 C-PLACE1000292
 C-PLACE1000308
 C-PLACE1000332
 C-PLACE1000453
 C-PLACE1000583//ZINC FINGER PROTEIN 83 (ZINC FINGER PROTEIN HPF1).//1.60E-47//207aa//46%//
 45 P51522
 C-PLACE1000599
 C-PLACE1000610//MSN5 PROTEIN.//0.0000026//136aa//26%//P52918
 C-PLACE1000653//"Homo sapiens N-acetylglucosamine-phosphate mutase mRNA, complete cds."//
 0//1992bp//99%//AF180371
 50 C-PLACE1000656//"Homo sapiens mRNA for JM4 protein, complete CDS (clone IMAGE 546750 and
 LLNLc110F1857Q7 (RZPD Berlin))."//2.1E-277//1260bp//99%//AJ005896
 C-PLACE1000706//"Homo sapiens transcriptional intermediary factor 1 gamma mRNA, complete cds."//
 0//1366bp//99%//AF119043
 C-PLACE1000712
 55 C-PLACE1000749
 C-PLACE1000769//"Homo sapiens CGI-18 protein mRNA, complete cds."//0//1985bp//98%//
 AF132952
 C-PLACE1000786//PUTATIVE RHO/RAC GUANINE NUCLEOTIDE EXCHANGE FACTOR (RHO/RAC GEF) (FA-

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CIOGENITAL DYSPLASIA PROTEIN HOMOLOG)/7.10E-09//59aa//47%/P52734
 C-PLACE1000849
 C-PLACE1000856//"Homo sapiens mRNA for KIAA0974 protein, partial cds."//0//1310bp//100%/AB023191
 5 C-PLACE1000931
 C-PLACE1000987//"Homo sapiens mRNA for KIAA0724 protein, complete cds."//0//1749bp//99%/AB018267
 C-PLACE1001010
 C-PLACE1001015
 10 C-PLACE1001024
 C-PLACE1001062//"Homo sapiens PAC clone DJ1049N15 from 7q31.2-7q32, complete sequence."//2.7E-32//470bp//71%/AC006020
 C-PLACE1001104
 C-PLACE1001168
 15 C-PLACE1001171//MYOTUBULARIN./7.1E-84//198aa//73%/Q13496
 C-PLACE1001185//"Homo sapiens mRNA for KIAA0943 protein, partial cds."//0//1668bp//99%/AB023160
 C-PLACE1001238//"Mouse mRNA for RNA polymerase I associated factor (PAF53), complete cds."//2E-202//1333bp//80%/D14336
 20 C-PLACE1001280
 C-PLACE1001294//M.musculus GEG-154 mRNA./4.3E-221//1057bp//78%/X71642
 C-PLACE1001304//"Homo sapiens zinc finger protein dp mRNA, complete cds."//0//2421bp//99%/AF153201
 C-PLACE1001311
 25 C-PLACE1001323
 C-PLACE1001351
 C-PLACE1001414
 C-PLACE1001440
 C-PLACE1001456
 30 C-PLACE1001517//"Homo sapiens gene for glycosylphosphatidylinositol anchor attachment 1 (GPAA1), complete cds."//4.60E-112//392bp//87%/AB002137
 C-PLACE1001602//CCR4-ASSOCIATED FACTOR 1 (CAF1)./5.7E-130//244aa//99%/Q60809
 C-PLACE1001632//ZINC FINGER PROTEIN 84 (ZINC FINGER PROTEIN HPF2)./1.4E-118//429aa//48%/P51523
 35 C-PLACE1001634
 C-PLACE1001640
 C-PLACE1001672//PROBABLE AMINOTRANSFERASE T01B11.2 (EC 2.6.1.-)./4.3E-66//174aa//45%/P91408
 C-PLACE1001705
 C-PLACE1001716
 40 C-PLACE1001720
 C-PLACE1001745
 C-PLACE1001748//"Homo sapiens metalloprotease 1 (MP1) mRNA, complete cds."//0//2602bp//99%/AF061243
 C-PLACE1001771//Homo sapiens mRNA for transient receptor potential protein
 45 TRP6./0//2900bp//99%/AJ006276
 C-PLACE1001799
 C-PLACE1001845//"Mus musculus cyclin ania-6a mRNA, complete cds."//3.30E-31//925bp//62%/AF159159
 C-PLACE1001897
 50 C-PLACE1002090//SIGNAL RECOGNITION PARTICLE 72 KD PROTEIN (SRP72)./6.5E-58//112aa//100%/076094
 C-PLACE1002157
 C-PLACE1002171//TRANSCRIPTION REGULATORY PROTEIN SWI3 (SWI/SNF COMPLEX COMPONENT SWI3) (TRANSCRIPTION FACTOR TYE2)./0.00005//179aa//23%/P32591
 55 C-PLACE1002227
 C-PLACE1002259
 C-PLACE1002319
 C-PLACE1002395//"Mus musculus mRNA for UBE-1c1, UBE-1c2, UBE-1c3, complete cds."//7.9E-

100//966bp//75%//AB030505
 C-PLACE1002477
 C-PLACE1002493//"Homo sapiens signal transducing adaptor molecule 2A (STAM2) mRNA, complete cds.
 "//1.7E-113//545bp//98%//AF042273
 5 C-PLACE1002500
 C-PLACE1002514
 C-PLACE1002532//HOMEBOX PROTEIN DLX-5//1.2E-152//289aa//96%//P70396
 C-PLACE1002537
 C-PLACE1002571//ACTIN-LIKE PROTEIN 13E//5E-99//386aa//48%//P45890
 10 C-PLACE10025 83//"GLUTAMATE RECEPTOR, IONOTROPIC KAINATE 2 PRECURSOR (GLUTAMATE
 RECEPTOR 6) (GLUR-6) (GLUTAMATE RECEPTOR BETA-2) (GLUR BETA-2) (FRAGMENT)."//5.6E-34//
 76aa//98%//P39087
 C-PLACE1002598//OLIGORIBONUCLEASE (EC 3.1.-.-)//5.5E-17//76aa//56%//P45340
 C-PLACE1002625
 15 C-PLACE1002655//ADSEVERIN (SCINDERIN)(SC)//2.5E-278//543aa//92%//Q28046
 C-PLACE1002768
 C-PLACE1002782//"Rattus norvegicus zinc transporter (ZnT-2) mRNA, complete cds."//3.8E-43//
 385bp//77%//U50927
 C-PLACE1002816//HISTONE DEACETYLASE HDA1//2.20E-48//217aa//46%//P53973
 20 C-PLACE1002853
 C-PLACE1002908//"Homo sapiens XGalT-1 mRNA for galactosyltransferase I, complete cds."//0//
 1654bp//99%//AB028600
 C-PLACE1002962
 C-PLACE1002968
 25 C-PLACE1002991//PUTATIVE AMIDASE (EC 3.5.1.4)//1.4E-78//496aa//37%//Q49091
 C-PLACE1003025
 C-PLACE1003027//"Homo sapiens mRNA for KIAA0516 protein, partial cds."//2.1e-314//1417bp//
 100%//AB011088
 C-PLACE1003044//"Homo sapiens mRNA for KIAA0829 protein, partial cds."//0//1382bp//96%//
 30 AB020636
 C-PLACE1003176
 C-PLACE1003238//PROBABLE G PROTEIN-COUPLED RECEPTOR KIAA0001//4.9E-76//309aa//47%//
 Q15391
 C-PLACE1003256
 35 C-PLACE1003258//EARLY EMBRYOGENESIS ZYG-11 PROTEIN//7.9E-22//70aa//47%//P21541
 C-PLACE1003343
 C-PLACE1003361
 C-PLACE1003366//"Homo sapiens otoferlin (OTOF) mRNA, complete cds."//1.4E-78//542bp//67%//
 AF107403
 40 C-PLACE1003373
 C-PLACE1003375
 C-PLACE1003394//"Sprague-Dawley (clone LRB13) RAB14 mRNA, complete cds."//2.30E-150//
 774bp//94%//M83680
 C-PLACE1003420//PUTATIVE MITOCHONDRIAL CARRIER YIL006W//1.3E-40//278aa//36%//P40556
 45 C-PLACE1003454
 C-PLACE1003478
 C-PLACE1003516
 C-PLACE1003519//H.sapiens hnRNP-E2 mRNA//5.1E-218//905bp//99%//X78136
 C-PLACE1003521//HYPOTHETICAL HELICASE C28H8.3 IN CHROMOSOME III//0.0000011//101aa//32%//
 50 Q09475
 C-PLACE1003528
 C-PLACE1003537//ENDOSOMAL P24A PROTEIN PRECURSOR (70 KD ENDOMEMBRANE PROTEIN) (PHE-
 ROMONE ALPHA-FACTOR TRANSPORTER) (ACIDIC 24 KD LATE ENDOCYTIC INTERMEDIATE COMPO-
 NENT)//7.7E-68//404aa//33%//P32802
 55 C-PLACE1003566
 C-PLACE1003584
 C-PLACE1003593
 C-PLACE1003605//HAP5 TRANSCRIPTIONAL

ACTIVATOR.//0.00000023//82aa//35%//Q02516
 C-PLACE1003618
 C-PLACE1003638
 C-PLACE1003738//ZINC FINGER PROTEIN 135.//9.6E-118//350aa//46%//P52742
 5 C-PLACE1003760//"Homo sapiens tetraspanin TM4-A mRNA, complete cds."//5.2E-289//1313bp//
 97%//AF133423
 C-PLACE1003768
 C-PLACE1003795
 C-PLACE1003886
 10 C-PLACE1003888//"Homo sapiens mRNA for KIAA1092 protein, partial cds."//0//2057bp//99%//
 AB029015
 C-PLACE1003903//CTP SYNTHASE (EC 6.3.4.2) (UTP--AMMONIA LIGASE) (CTP SYNTHETASE)//1.4E-243//
 584aa//74%//P17812
 C-PLACE1003915//"PROBABLE ARGINYLYL-TRNA SYNTHETASE, CYTOPLASMIC (EC 6.1.1.19) (AR-
 15 GININE- -TRNA LIGASE) (ARGRS)."//2.4E-108//581aa//40%//Q05506
 C-PLACE1004118
 C-PLACE1004256//"Mus musculus short coiled coil protein SCOCO (Scoc) mRNA, complete cds."//
 2E-93//960bp//76%//AF115778
 C-PLACE1004274
 20 C-PLACE1004284
 C-PLACE1005331
 C-PLACE1005739//Homo sapiens mRNA; cDNA DKFZp564A032 (from clone DKFZp564A032).//0//2190bp//
 99%//AL050267
 C-PLACE1005828
 25 C-PLACE1005876//"CLEAVAGE AND POLYADENYLATION SPECIFICITY FACTOR, 100 KD SUBUNIT
 (CPSF 100 KD SUBUNIT)."//0//730aa//99%//Q10568
 C-PLACE1005890//BEM46 PROTEIN (FRAGMENT)//9.9E-42//224aa//43%//P54069
 C-PLACE1006157//E-SELECTIN PRECURSOR (ENDOTHELIAL LEUKOCYTE ADHESION MOLECULE 1)
 (ELAM-1) (LEUKOCYTE-ENDOTHELIAL CELL ADHESION MOLECULE 2) (LECAM2) (CD62E).//2E-28//236aa//
 30 30%//P98110
 C-PLACE1007053
 C-PLACE1007068
 C-PLACE1008368//RING CANAL PROTEIN (KELCH PROTEIN)//5.3E-26//309aa//30%//Q04652
 C-PLACE1009921
 35 C-PLACE1010401
 C-PLACE1010856
 C-PLACE1010857
 C-PLACE1010917
 C-PLACE1010925
 40 C-PLACE1010926//"Homo sapiens mRNA for KIAA0554 protein, partial cds."//0//1160bp//100%//
 AB011126
 C-PLACE1010942//"Homo sapiens intersectin long isoform (ITSN) mRNA, complete cds."//0//1440bp//
 99%//AF114487
 C-PLACE1010944
 45 C-PLACE1010954
 C-PLACE1010960//ACTIN-LIKE PROTEIN 13E.//5.3E-98//297aa//48%//P45890
 C-PLACE1011026
 C-PLACE1011046//"1-PHOSPHATIDYLINOSITOL-4,5-BISPHOSPHATE PHOSPHODIESTERASE BETA 1
 (EC 3.1.4.11) (PLC-BETA-1) (PHOSPHOLIPASE C-BETA-1) (PLC-I) (PLC-154)."//0//646aa//97%//P10894
 50 C-PLACE1011054
 C-PLACE1011057
 C-PLACE1011109//"ELONGATION FACTOR G, MITOCHONDRIAL PRECURSOR (MEF-G)."//1.50E-
 22//63aa//88%//Q07803
 C-PLACE1011114//PROBABLE ATP-DEPENDENT RNA HELICASE HAS1.//2.9E-71//190aa//44%//Q03532
 55 C-PLACE1011133
 C-PLACE1011143
 C-PLACE1011165
 C-PLACE1011185//INSERTION ELEMENT IS1 PROTEIN INSB.//1.3E-89//167aa//100%//P03830

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C-PLACE1011219//PROBABLEOXIDOREDUCTASE (EC 1.-.-.-).//3.2E-12//212aa//29%/Q03326
 C-PLACE1011221
 C-PLACE1011263//Homo sapiens mRNA; cDNA DKFZp5640043 (from clone DKFZp564O043).//0//2487bp//
 99%/AL050390
 5 C-PLACE1011325
 C-PLACE1011332//"Homo sapiens N-acetylglucosamine-phosphate mutase mRNA, complete cds."//
 7.2E-151//697bp//99%/AF102265
 C-PLACE1011340//"Homo sapiens IDN3-B mRNA, complete cds."//1.20E-74//380bp//97%/
 AB019602
 10 C-PLACE1011399//"Homo sapiens CGI-72 protein mRNA, complete cds."//3.2E-90//427bp//99%/
 AF151830
 C-PLACE1011433//"Homo sapiens mRNA for KIAA0530 protein, partial cds."//0//1946bp//99%/
 AB011102
 C-PLACE1011452
 15 C-PLACE1011465
 C-PLACE1011472//"Homo sapiens mRNA for KIAA0712 protein, complete cds."//0//2022bp//99%/
 AB018255
 C-PLACE1011477//"Homo sapiens sorting nexin 2 (SNX2) mRNA, complete cds."//0//2040bp//99%/
 AF065482
 20 C-PLACE1011492//NON-GREEN PLASTID TRIOSE PHOSPHATE TRANSLOCATOR PRECURSOR (CTPT).//
 4.90E-11//147aa//32%/P52178
 C-PLACE1011520
 C-PLACE1011563
 C-PLACE1011567
 25 C-PLACE1011576//"Human Kruppel related zinc finger protein (HTF10) mRNA, complete cds."//0//
 1791bp//82%/L11672
 C-PLACE1011586
 C-PLACE1011643
 C-PLACE1011649
 30 C-PLACE1011664//CROOKED NECK PROTEIN.//1.6E-187//505aa//64%/P17886
 C-PLACE1011682
 C-PLACE1011719
 C-PLACE1011729
 C-PLACE1011858//Homo sapiens mRNA; cDNA DKFZp586C021 (from clone DKFZp586C021).//0//1490bp//
 35 99%/AL050287
 C-PLACE1011874
 C-PLACE1011875//"Homo sapiens mRNA for KIAA0580 protein, partial cds."//4.1E-112//524bp//
 100%/AB011152
 C-PLACE1011923//"Homo sapiens serum-inducible kinase mRNA, complete cds."//0//2782bp//99%/
 40 AF059617
 C-PLACE1011982
 C-PLACE2000014//HYPOTHETICAL HELICASE C28H8.3 IN CHROMOSOME III.//2.6E-42//104aa//49%/
 Q09475
 C-PLACE2000015//EPIDERMAL GROWTH FACTOR RECEPTOR SUBSTRATE SUBSTRATE 15 (PROTEIN
 45 EPS15) (AF-1P PROTEIN).//1.1E-116//364aa//45%/P42566
 C-PLACE2000017
 C-PLACE2000021//"Homo sapiens TRF1-interacting ankyrin-related ADP-ribose polymerase mRNA, com-
 plete cds."//2.7E-107//981bp//74%/AF082556
 C-PLACE2000047
 50 C-PLACE2000062//"Homo sapiens mRNA for type II membrane protein similar to HIV gp120-binding C-type
 lectin, complete cds, clone:HP01347."//6.3E-166//656bp//94%/AB015629
 C-PLACE2000100
 C-PLACE2000111
 C-PLACE2000172
 55 C-PLACE2000187
 C-PLACE2000216//"Dog nonerythroid beta-spectrin mRNA, 3' end."//3.2E-253//1799bp//83%/L02897
 C-PLACE2000246//"Homo sapiens mRNA for KIAA0795 protein, partial cds."//4.60E-172//796bp//
 99%/AB018338

C-PLACE2000317
 C-PLACE2000341//"Homo sapiens sodium-dependent multivitamin transporter (SMVT) mRNA, complete
 cds."0//1554bp//99%//AF069307
 C-PLACE2000366
 5 C-PLACE2000373//F-SPONDIN PRECURSOR.//8.6E-16//371aa//28%//P35446
 C-PLACE2000394
 C-PLACE2000398//LAR PROTEIN PRECURSOR (LEUKOCYTE ANTIGEN RELATED) (EC 3.1.3.48).//6.3E-37//
 90aa//98%//P10586
 C-PLACE2000411//"Homo sapiens mRNA for KIAA1037 protein, partial cds."0//2515bp//99%//
 10 AB028960
 C-PLACE2000425
 C-PLACE2000427//PROBABLE HELICASE MOT1.//1.2E-26//200aa//27%//P32333
 C-PLACE2000433
 C-PLACE2000438//"POLYPEPTIDE N-ACETYL GALACTOSAMINYLTRANSFERASE (EC 2.4.1.41) (PRO-
 15 TEIN- UDP ACETYL GALACTOSAMINYLTRANSFERASE) (UDP-GALNAC:POLYPEPTIDE, N-ACETYL GALAC-
 TOSAMINYLTRANSFERASE)(GALNAC-T1)."2.1E-86//348aa//41%//Q10472
 C-PLACE2000458//CADHERIN-RELATED TUMOR SUPPRESSOR PRECURSOR (FAT PROTEIN).//2.5E-25//
 165aa//40%//P33450
 C-PLACE2000477//"Homo sapiens putative secreted protein (ZSIG11) mRNA, complete cds."6.7E-
 20 127//671bp//94%//AF072733
 C-PLACE3000009
 C-PLACE3000020//"Homo sapiens type III adenylyl cyclase (AC-III) mRNA, complete cds."0//
 2253bp//99%//AF033861
 C-PLACE3000103
 25 C-PLACE3000142
 C-PLACE3000145//TENSIN.//1E-108//277aa//75%//Q04205
 C-PLACE3000156
 C-PLACE3000157
 C-PLACE3000197
 30 C-PLACE3000208
 C-PLACE3000226//"Homo sapiens mRNA for KIAA0962 protein, partial cds."0//4805bp//99%//
 AB023179
 C-PLACE3000242//"Homo sapiens mRNA for KIAA1114 protein, complete cds."0//2786bp//96%//
 AB029037
 35 C-PLACE3000363
 C-PLACE3000405
 C-PLACE3000416//"Homo sapiens mRNA for actin binding protein ABP620, complete cds."1.80E-
 141//565bp//98%//AB029290
 C-PLACE3000477
 40 C-PLACE4000106//"Homo sapiens mRNA for KIAA0462 protein, partial cds."0//6702bp//99%//
 AB007931
 C-PLACE4000323
 C-PLACE4000326//NAM7 PROTEIN (NONSENSE-MEDIATED MRNA DECAY PROTEIN 1) (UP-FRAMESHIFT
 SUPPRESSOR 1).//8.10E-24//319aa//31%//P30771
 45 C-PLACE4000369//"Homo sapiens mRNA for KIAA1025 protein, partial cds."0//4830bp//99%//
 AB028948
 C-PLACE4000445//Homo sapiens mRNA; cDNA DKFZp434C212 (from clone DKFZp434C212).//0//2565bp//
 99%//AL080196
 C-PLACE4000558//"Homo sapiens mRNA for KIAA0729 protein, partial cds."0//1051bp//97%//
 50 AB018272
 C-PLACE4000581//FIBROPELLIN I PRECURSOR (EPIDERMAL GROWTH FACTOR-RELATED PROTEIN 1)
 (UEGF-1).//9.3E-70//226aa//52%//P10079
 C-PLACE4000593
 C-PLACE4000612//POL POLYPROTEIN [CONTAINS: PROTEASE (EC 3.4.23.-); REVERSE TRANSCRIPTASE
 55 (EC 2.7.7.49); ENDONUCLEASE]//7.1E-154//340aa//40%//P21414
 C-PLACE4000670
 C-THYRO1000026
 C-THYRO1000085//"PAIRED BOX PROTEIN PAX-8, ISOFORMS 8A/8B."2E-72//155aa//92%//

Q06710
 C-THYRO1000107
 C-THYRO1000111
 C-THYRO1000132//"Homo sapiens echinoderm microtubule-associated protein homolog HuEMAP mRNA,
 5 complete cds."//1.1E-159//824bp//95%//U97018
 C-THYRO1000156
 C-THYRO1000173//"Homo sapiens AP-mu chain family member mu1B (HSMU1B) mRNA, complete cds.
 "//0//1713bp//99%//AF020797
 C-THYRO1000186
 10 C-THYRO1000187
 C-THYRO1000241
 C-THYRO1000279
 C-THYRO1000327//"Homo sapiens autocrine motility factor receptor (AMFR) mRNA, complete cds."
 //0//1567bp//99%//AF124145
 15 C-THYRO1000452
 C-THYRO1000471
 C-THYRO1000484
 C-THYRO1000502
 C-THYRO1000505
 20 C-THYRO1000585//"Homo sapiens protein associated with Myc mRNA, complete cds."//0//1901bp//
 99%//AF075587
 C-THYRO1000596
 C-THYRO1000662//"Homo sapiens XPV mRNA for DNA polymerase eta, complete cds."//0//2341 bp//
 99%//AB024313
 25 C-THYRO1000666//Mus musculus mRNA for kinesin like protein 9.//0//2001bp//86%//AJ132889
 C-THYRO1000715
 C-THYRO1000734
 C-THYRO1000748//RHO-GAP HEMATOPOIETIC PROTEIN C1 (P115) (KIAA0131).//3.30E-96//335aa//52%//
 P98171
 30 C-THYRO1000756//"ALPHA-N-ACETYL GALACTOSAMINIDE ALPHA-2,6-SIALYLTRANSFERASE (EC
 2.4.99.-) (ST6GALNACIII) (STY)."//1.8E-55//243aa//42%//Q64686
 C-THYRO1000777
 C-THYRO1000783//"Xenopus laevis tail-specific thyroid hormone up-regulated (gene 5) mRNA, complete
 cds."//2.4E-157//1656bp//70%//U37373
 35 C-THYRO1000787
 C-THYRO1000793
 C-THYRO1000796
 C-THYRO1000843
 C-THYRO1000852//"Human branched chain aminotransferase precursor (BCATm) mRNA, nuclear gene en-
 40 coding mitochondrial protein, complete cds."//3.3E-147//790bp//93%//U68418
 C-THYRO1000865
 C-THYRO1000895
 C-THYRO1000926//"Homo sapiens cAMP-specific phosphodiesterase 8B (PDE8B) mRNA, partial cds.
 "//0//2387bp//99%//AF079529
 45 C-THYRO1000951//DIHYDROXYACETONE KINASE 2 (EC 2.7.1.29) (GLYCERONE KINASE).//5E-83//566aa//
 37%//P43550
 C-THYRO1000952
 C-THYRO1000983//UBIQUITIN-CONJUGATING ENZYME E2-17 KD 9 (EC 6.3.2.19) (UBIQUITIN-PROTEIN
 LIGASE 9) (UBIQUITIN CARRIER PROTEIN 9) (UBCAT4B).//6.30E-17//143aa//39%//P35132
 50 C-THYRO1001003//UBIQUITIN-CONJUGATING ENZYME E2-21.2 KD (EC 6.3.2.19) (UBIQUITIN-PROTEIN
 LIGASE) (UBIQUITIN CARRIER PROTEIN).//5.90E-14//84aa//41%//P52491
 C-THYRO1001031
 C-THYRO1001062
 C-THYRO1001100//ZINC FINGER X-LINKED PROTEIN ZXDA (FRAGMENT).//1.2E-67//245aa//62%//P98168
 55 C-THYRO1001133
 C-THYRO1001134//"Homo sapiens CGI-78 protein mRNA, complete cds."//0//1898bp//99%//
 AF151835
 C-THYRO1001173

C-THYRO1001213
 C-THYRO1001321
 C-THYRO1001322
 C-THYRO1001365
 5 C-THYRO1001401
 C-THYRO1001411
 C-THYRO1001434
 C-THYRO1001534
 C-THYRO1001541
 10 C-THYRO1001559
 C-THYRO1001570
 C-THYRO1001595
 C-THYRO1001605
 C-THYRO1001617//Homo sapiens cDNA for dihydroxyacetone phosphate acyltransferase (DAP-AT).//0//1784bp//
 15 99%//AJ002190
 C-THYRO1001656//"Homo sapiens Leman coiled-coil protein (LCCP) mRNA, complete cds."//4.1E-
 273//1947bp//82%//AF175968
 C-THYRO1001671//Homo sapiens mRNA for 2'-5' oligoadenylate synthetase 59 kDa isoform.//0//1820bp//99%//
 AJ225089
 20 C-THYRO1001673
 C-THYRO1001703//NIFR3-LIKE PROTEIN.//2.90E-32//282aa//32%//P45672
 C-THYRO1001706
 C-THYRO1001738//TUBULIN-TYROSINE LIGASE (EC 6.3.2.25) (TTL).//2.4E-20//217aa//30%//P38584
 C-THYRO1001745
 25 C-THYRO1001793
 C-THYRO1001809//MYOCYTE NUCLEAR FACTOR (MNF).//1.4E-74//158aa//89%//P42128
 C-THYRO1001895
 C-THYRO1001907
 C-VESEN1000122
 30 C-Y79AA1000037//DNA-BINDING PROTEIN BMI-1.//2.4E-30//80aa//60%//P25916
 C-Y79AA1000059//"Homo sapiens immunophilin homolog ARA9 mRNA, complete cds."//2.9E-70//
 1040bp//65%//U78521
 C-Y79AA1000065
 C-Y79AA1000131
 35 C-Y79AA1000181//"Homo sapiens CGI-01 protein mRNA, complete cds."//0//1858bp//99%//
 AF132936
 C-Y79AA1000202
 C-Y79AA1000214//"Homo sapiens histone H2A.F/Z variant (H2AV) mRNA, complete cds."//7.1E-71//
 345bp//100%//AF081192
 40 C-Y79AA1000230
 C-Y79AA1000258
 C-Y79AA1000268//"Mus musculus Nip21 mRNA, complete cds."//2.10E-50//648bp//64%//AF035207
 C-Y79AA1000313//CALPHOTIN.//0.000011//336aa//23%//Q02910
 C-Y79AA1000328//SEL-10 PROTEIN.//0.000000067//219aa//25 %//Q93794
 45 C-Y79AA1000355
 C-Y79AA1000368//REDUCED VIABILITY UPON STARVATION PROTEIN 161.//4E-20//261 aa//27%//P25343
 C-Y79AA1000420
 C-Y79AA1000469//"Mus musculus ancient ubiquitous 46 kDa protein AUP1 precursor (Aup1) mRNA, com-
 plete cds."//8.30E-252//1207bp//85%//U41736
 50 C-Y79AA1000480
 C-Y79AA1000540
 C-Y79AA1000560//ALPHA-ADAPTIN C (CLATHRIN ASSEMBLY PROTEIN COMPLEX 2 ALPHA-C LARGE
 CHAIN) (100 KD COATED VESICLE PROTEIN C) (PLASMA MEMBRANE ADAPTOR HA2/AP2 ADAPTIN ALPHA
 C SUBUNIT).//0//652aa//98%//P17427
 55 C-Y79AA1000574//Homo sapiens clone H17 unknown mRNA.//0//1932bp//99%//AF103801
 C-Y79AA1000627//"Homo sapiens zinc finger protein (ZF5128) mRNA, complete cds."//2E-287//203
 lbp//82%//AF060503
 C-Y79AA1000705//M.musculus mRNA of enhancer-trap-locus 1 //5.80E-254//1477bp//84%//X69942

C-Y79AA1000734//"Homo sapiens peroxisomal biogenesis factor (PEX11b) mRNA, complete cds."/
 0//1594bp//99%//AF093670
 C-Y79AA1000748//"Homo sapiens CGI-05 protein mRNA, complete cds."//1.9E-239//1367bp//91%/
 AF152097
 5 C-Y79AA1000752//PUTATIVE HETEROGENEOUS NUCLEAR RIBONUCLEOPROTEIN X (HNRNP X) (CBP)//
 4.9E-91//200aa//64%//Q61990
 C-Y79AA1000774
 C-Y79AA1000782//CYTOSOLIC PURINE 5'-NUCLEOTEDASE (EC 3.1.3.5)//3E-37//469aa//27%//P49902
 C-Y79AA1000784//"Homo sapiens RanBP7/importin 7 mRNA, complete cds."//1.10E-236//1076bp//
 10 99%//AF098799
 C-Y79AA1000794//"Homo sapiens actin-associated protein 2E4/kaptein (2E4) mRNA, 2E4-1 allele, complete
 cds."//0//1610bp//99%//AF105369
 C-Y79AA1000800//"Homo sapiens putative secreted protein (ZSIG11) mRNA, complete cds."//1.6E-
 284//1288bp//99%//AF072733
 15 C-Y79AA1000805
 C-Y79AA1000824
 C-Y79AA1000833//TUBULIN ALPHA-1 CHAIN//5E-173//220aa//79%//P05209
 C-Y79AA1000850
 C-Y79AA1000962//"MYOSIN HEAVY CHAIN, NON-MUSCLE (ZIPPER PROTEIN) (MYOSIN II)."//
 20 4.2E-17//430aa//27%//Q99323
 C-Y79AA1000968//"Rattus norvegicus initiation factor eIF-2B gamma subunit (eIF-2B gamma) mRNA, com-
 plete cds."//3.9E-248//1468bp//87%//U38253
 C-Y79AA1000976
 C-Y79AA1001023
 25 C-Y79AA1001041
 C-Y79AA1001048//"ACYL-COA DEHYDROGENASE, VERY-LONG-CHAIN SPECIFIC PRECURSOR (EC
 1.3.99.-) (VLCAD)."//3.1E-138//583aa//47%//P45953
 C-Y79AA1001077
 C-Y79AA1001078
 30 C-Y79AA1001145
 C-Y79AA1001177
 C-Y79AA1001185
 C-Y79AA1001211//"Homo sapiens origin recognition complex subunit 6 (ORC6) mRNA, complete cds."
 //0//1435bp//99%//AF139658
 35 C-Y79AA1001228
 C-Y79AA1001233//ESTRADIOL 17 BETA-DEHYDROGENASE 1 (EC 1.1.1.62) (17-BETA-HSD 1) (17-BETA-HY-
 DROXYSTERIOD DEHYDROGENASE 1).//7.7E-50//228aa//42%//P51657
 C-Y79AA1001236//"Homo sapiens mRNA for JM23 protein, complete coding sequence (clone IMAGE 34581
 and IMAGE 45355 and LLNLc110i133Q7 (RZPD Berlin))."//0//1653bp//99%//AJ005892
 40 C-Y79AA1001281
 C-Y79AA1001312//ZINC FINGER PROTEIN MLZ-4 (ZINC FINGER PROTEIN 46).//0.000000023//193aa//30%//
 Q03309
 C-Y79AA1001323//"Mus musculus mRNA for GSG1, complete cds."//3.3E-172//1171bp//83%//
 D87325
 45 C-Y79AA1001391//HOMEBOX PROTEIN HOX-A13 (HOX-1J).//1.2E-58//178aa//66%//P31271
 C-Y79AA1001394//CELL DIVISION PROTEIN FTSH HOMOLOG (EC 3.4.24.-).//1.2E-13//230aa//32%//O83746
 C-Y79AA1001402//"Homo sapiens paraneoplastic cancer-testis-brain antigen (MA4) mRNA, partial cds.
 "//8.50E-65//784bp//62%//AF083115
 C-Y79AA1001493//UBIQUITIN-CONJUGATING ENZYME E2-17 KD 9 (EC 6.3.2.19) (UBIQUITIN-PROTEIN
 50 LIGASE 9) (UBIQUITIN CARRIER PROTEIN 9) (UBCAT4B).//3.80E-18//151aa//38%//P35132
 C-Y79AA1001533//"Mouse mRNA for RNA polymerase I associated factor (PAF53), complete cds."//
 4.5E-193//1333bp//80%//D14336
 C-Y79AA1001541
 C-Y79AA1001548//PHOSPHATIDYLINOSITOL 4-KINASE ALPHA (EC 2.7.1.67) (PI4-KINASE) (PTDINS-4-KI-
 55 NASE) (PI4K-ALPHA).//7.5E-76//85aa//90%//P42356
 C-Y79AA1001555
 C-Y79AA1001581//ACETYL-COENZYME A SYNTHETASE (EC 6.2.1.1) (ACETATE--COA LIGASE) (ACYL- AC-
 TIVATING ENZYME).//1.9E-40//482aa//27%//P27550

C-Y79AA1001585
 C-Y79AA1001603//"POLYPEPTIDE N-ACETYL GALACTOSAMINYLTRANSFERASE (EC 2.4.1.41) (PRO-
 TEIN- UDP ACETYL GALACTOSAMINYLTRANSFERASE) (UDP-GALNAC:POLYPEPTIDE, N-ACETYL GALAC-
 TOSAMINYLTRANSFERASE) (GALNAC-T1)."//1.7E-84//313aa//48%/Q07537
 5 C-Y79AA1001613//ZINC FINGER PROTEIN 132.//3.8E-91//209aa//41%/P52740
 C-Y79AA1001665
 C-Y79AA1001679//"Homo sapiens lambda-crystallin mRNA, complete cds."//3.4e-310//1430bp//98%/
 AF077049
 C-Y79AA1001696//"Homo sapiens mRNA for KIAA1109 protein, partial cds."//0//1669bp//100%//
 10 AB029032
 C-Y79AA1001705//"Homo sapiens p53 regulated PA26-T2 nuclear protein (PA26) mRNA, complete cds.
 "//3.4E-47//626bp//68%/AF033120
 C-Y79AA1001711//"Human 60-kdal ribonucleoprotein (Ro) mRNA, complete cds."//1.2E-258//
 1185bp//99%/J04137
 15 C-Y79AA1001781
 C-Y79AA1001805
 C-Y79AA1001827//"Homo sapiens mammalian inositol hexakisphosphate kinase 2 (IP6K2) mRNA, com-
 plete cds."//0//1689bp//98%/AF177145
 C-Y79AA1001846
 20 C-Y79AA1001923
 C-Y79AA1001963//PUTATIVE PRE-MRNA SPLICING FACTOR ATP-DEPENDENT RNA HELICASE
 SPAC10F6.02C.//1E-10//94aa//47%/O42643
 C-Y79AA1002027//UBIQUITIN-CONJUGATING ENZYME E2-18 KD (EC 6.3.2.19) (UBIQUITIN- PROTEIN
 LIGASE) (UBIQUITIN CARRIER PROTEIN) (PM42).//9.9E-39//143aa//52%/P42743
 25 C-Y79AA1002083//H.sapiens mRNA for MUF1 protein.//5E-163//752bp//99%/X86018
 C-Y79AA1002089
 C-Y79AA1002115
 C-Y79AA1002125
 C-Y79AA1002204
 30 C-Y79AA1002208//ANKYRIN.//8.1E-34//188aa//38%/Q02357
 C-Y79AA1002209//"Homo sapiens CGI-04 protein mRNA, complete cds."//0//1617bp//99%//
 AF132939
 C-Y79AA1002229//DNA CROSS-LINK REPAIR PROTEIN PSO2/SNM1.//7.10E-17//213aa//31%/P30620
 C-Y79AA1002246//SYNAPTOTAGMIN V.//1.6E-28//286aa//32%/000445
 35 C-Y79AA1002298
 C-Y79AA1002307//"Homo sapiens astrotactin2 (ASTN2) mRNA, complete cds."//0//1209bp//99%//
 AF116574
 C-Y79AA1002311//R.norvegicus mRNA for cytosolic resiniferatoxin-binding protein.//2.9E-186//1130bp//82%//
 X67877
 40 C-Y79AA1002351
 C-Y79AA1002407
 C-Y79AA1002433//"Homo sapiens chromatin-specific transcription elongation factor FACT 140 kDa subunit
 mRNA, complete cds."//0//1545bp//96%/AF152961
 C-Y79AA1002472//ZINC FINGER PROTEIN 91 (ZINC FINGER PROTEIN HTF10) (HPF7).//1.5E-136//472aa//
 45 49%/Q05481

Homology Search Result Data 13.

50 **[0333]** Data obtained by the homology search for full-length nucleotide sequences and deduced amino acid sequenc-
 es. Each data includes Clone name, Definition in hit data, P value, Length of sequence to be compared, Homology,
 and Accession number (No.) of hit data. These items are shown in this order and separated by a double-slash mark, //.

C-HEMBA1000042
 C-HEMBA1000141//Homo sapiens SUMO-1-specific protease (SSP1) mRNA, complete cds.//0//1135bp//100%//
 55 AF196304
 C-HEMBA1000150//H.sapiens gene for U5 snRNP-specific 200kD protein.//2.50E-153//525bp//91%/Z70200
 C-HEMBA1000213
 C-HEMBA1000243

C-HEMBA1000244
 C-HEMBA1000251
 C-HEMBA1000338
 C-HEMBA1000357
 5 C-HEMBA1000376
 C-HEMBA1000428
 C-HEMBA1000469
 C-HEMBA1000497
 10 C-HEMBA1000561//ZINC FINGER PROTEIN 91 (ZINC FINGER PROTEIN HTF10) (HPF7)//3.40E-37//674aa//
 25%//Q05481
 C-HEMBA1000569//GPI-ANCHORED PROTEIN P137//6.50E-19//265aa//32%//Q60865
 C-HEMBA1000575
 C-HEMBA1000591//PTB-ASSOCIATED SPLICING FACTOR (PSF)//2.20E-17//198aa//40%//P23246
 C-HEMBA1000673
 15 C-HEMBA1000702
 C-HEMBA1000722
 C-HEMBA1000726
 C-HEMBA1000876
 C-HEMBA1000942
 20 C-HEMBA1000943
 C-HEMBA1000960
 C-HEMBA1000985
 C-HEMBA1001019//CELL DIVISION CONTROL PROTEIN 2 HOMOLOG (EC 2.7.1.-) (P34 PROTEIN KINASE)
 (CYCLIN-DEPENDENT KINASE 1) (CDK1)//3.10E-10//70aa//58%//P06493
 25 C-HEMBA1001020
 C-HEMBA1001024
 C-HEMBA1001026
 C-HEMBA1001051
 C-HEMBA1001060
 30 C-HEMBA1001071//PROCOLLAGEN ALPHA 1(III) CHAIN PRECURSORS//1.50E-92//82aa//100%//P02461
 C-HEMBA1001077//Homo sapiens transcriptional intermediary factor 1 gamma mRNA, complete cds//2.00E-80//
 432bp//94%//AF119043
 C-HEMBA1001099
 C-HEMBA1001121
 35 C-HEMBA1001123
 C-HEMBA1001208
 C-HEMBA1001213
 C-HEMBA1001226
 C-HEMBA1001247
 40 C-HEMBA1001299
 C-HEMBA1001319
 C-HEMBA1001323
 C-HEMBA1001327
 C-HEMBA1001361
 45 C-HEMBA1001375
 C-HEMBA1001377
 C-HEMBA1001383
 C-HEMBA1001391
 C-HEMBA1001411
 50 C-HEMBA1001432
 C-HEMBA1001433
 C-HEMBA1001435
 C-HEMBA1001442
 C-HEMBA1001463
 55 C-HEMBA1001515
 C-HEMBA1001522
 C-HEMBA1001557
 C-HEMBA1001566

C-HEMBA1001589
 C-HEMBA1001608
 C-HEMBA1001636
 C-HEMBA1001647
 5 C-HEMBA1001651
 C-HEMBA1001658
 C-HEMBA1001675//VACUOLAR PROTEIN SORTING-ASSOCIATED PROTEIN VPS9.//5.40E-09//101aa//35%//
 P54787
 C-HEMBA1001712
 10 C-HEMBA1001734//CADHERIN-11 PRECURSOR (OSTEOBLAST-CADHERIN) (OB-CADHERIN) (OSF-4).//
 1.10E-38//87aa//96%//P55288
 C-HEMBA1001745
 C-HEMBA1001750
 C-HEMBA1001784
 15 C-HEMBA1001791
 C-HEMBA1001803
 C-HEMBA1001820
 C-HEMBA1001835
 C-HEMBA1001888
 20 C-HEMBA1001912
 C-HEMBA1001915
 C-HEMBA1001918
 C-HEMBA1001940
 C-HEMBA1001942
 25 C-HEMBA1001964
 C-HEMBA1002022
 C-HEMBA1002039
 C-HEMBA1002100
 C-HEMBA1002113
 30 C-HEMBA1002119
 C-HEMBA1002139//LIM AND SH3 DOMAIN PROTEIN LASP-1 (MLN 50).//7.10E-05//51aa//49%//Q14847
 C-HEMBA1002160
 C-HEMBA1002162
 C-HEMBA1002166
 35 C-HEMBA1002185
 C-HEMBA1002204
 C-HEMBA1002328
 C-HEMBA1002337
 C-HEMBA1002348
 40 C-HEMBA1002381
 C-HEMBA1002486
 C-HEMBA1002498
 C-HEMBA1002538
 C-HEMBA1002552
 45 C-HEMBA1002555//Homo sapiens mSin3A associated polypeptide p30 mRNA, complete cds.//5.30E-51//768bp//
 68%//AF055993
 C-HEMBA1002558
 C-HEMBA1002621
 C-HEMBA1002629
 50 C-HEMBA1002645
 C-HEMBA1002659
 C-HEMBA1002661
 C-HEMBA1002666
 C-HEMBA1002678
 55 C-HEMBA1002679
 C-HEMBA1002712
 C-HEMBA1002716
 C-HEMBA1002742

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C-HEMBA1002746//DNA POLYMERASE BETA (EC 2.7.7.7).//5.00E-37//268aa//34%//P06746
 C-HEMBA1002748
 C-HEMBA1002780
 C-HEMBA1002801
 5 C-HEMBA1002826
 C-HEMBA1002833
 C-HEMBA1002921
 C-HEMBA1002934
 C-HEMBA1002944
 10 C-HEMBA1002968
 C-HEMBA1003034
 C-HEMBA1003037
 C-HEMBA1003071//INSULIN-LIKE GROWTH FACTOR BINDING PROTEIN COMPLEX ACID LABILE CHAIN
 PRECURSOR (ALS).//1.30E-09//121aa//40%//P35858
 15 C-HEMBA1003078
 C-HEMBA1003083
 C-HEMBA1003086
 C-HEMBA1003098//Homo sapiens NY-REN-6 antigen mRNA, partial cds.//6.20E-273//1253bp//99%//AF155096
 C-HEMBA1003133
 20 C-HEMBA1003142
 C-HEMBA1003166
 C-HEMBA1003197
 C-HEMBA1003202
 C-HEMBA1003220
 25 C-HEMBA1003229
 C-HEMBA1003276
 C-HEMBA1003278
 C-HEMBA1003328
 C-HEMBA1003373
 30 C-HEMBA1003597
 C-HEMBA1003598
 C-HEMBA1003656
 C-HEMBA1003680//PUTATIVE AMINOPEPTIDASE ZK353.6 IN CHROMOSOME III (EC 3.4.11.-).//2.40E-92//
 423aa//47%//P34629
 35 C-HEMBA1003733
 C-HEMBA1003742
 C-HEMBA1003760//HYPOXIA-INDUCIBLE FACTOR 1 ALPHA (HIF-1 ALPHA) (ARNT INTERACTING PROTEIN)
 (MEMBER OF PAS PROTEIN 1) (MOP1) (HIF1 ALPHA).//3.70E-124//347aa//55%//Q16665
 C-HEMBA1003803
 40 C-HEMBA1003854
 C-HEMBA1003926
 C-HEMBA1003939
 C-HEMBA1003987
 C-HEMBA1004012
 45 C-HEMBA1004015
 C-HEMBA1004193
 C-HEMBA1004225
 C-HEMBA1004241
 C-HEMBA1004267
 50 C-HEMBA1004295//Homo sapiens NY-REN-25 antigen mRNA, partial cds.//9.40E-31//381bp//65%//AF155103
 C-HEMBA1004354//CHL1 PROTEIN.//9.90E-26//130aa//42%//P22516
 C-HEMBA1004356//H.sapiens MSSP-2 mRNA.//3.00E-243//573bp//98%//X77494
 C-HEMBA1004396
 C-HEMBA1004405
 55 C-HEMBA1004433
 C-HEMBA1004538
 C-HEMBA1004542
 C-HEMBA1004573

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C-HEMBA1004577
 C-HEMBA1004604//Homo sapiens COP9 complex subunit 7a mRNA, complete cds.//0//1612bp//99%//AF193844
 C-HEMBA1004617
 C-HEMBA1004631
 5 C-HEMBA1004705
 C-HEMBA1004733
 C-HEMBA1004748
 C-HEMBA1004778
 C-HEMBA1004803
 10 C-HEMBA1004807
 C-HEMBA1004820
 C-HEMBA1004865
 C-HEMBA1004880
 C-HEMBA1004900
 15 C-HEMBA1004909
 C-HEMBA1004960
 C-HEMBA1004978
 C-HEMBA1004980
 C-HEMBA1004983
 20 C-HEMBA1004995
 C-HEMBA1005019//Homo sapiens mRNA for KIAA0648 protein, partial cds.//0//2212bp//99%//AB014548
 C-HEMBA1005029//Homo sapiens CGI-13 protein mRNA, complete cds.//0//1487bp//99%//AF132947
 C-HEMBA1005035
 C-HEMBA1005039
 25 C-HEMBA1005047//RAS-RELATED PROTEIN RAB-24 (RAB-16).//3.40E-101//106aa//98%//P35290
 C-HEMBA1005050
 C-HEMBA1005062
 C-HEMBA1005066
 C-HEMBA1005075
 30 C-HEMBA1005079
 C-HEMBA1005101//Homo sapiens SYT interacting protein SIP mRNA, complete cds.//0//2762bp//99%//
 AF080561
 C-HEMBA1005123
 C-HEMBA1005149
 35 C-HEMBA1005152
 C-HEMBA1005201//Homo sapiens CGI-07 protein mRNA, complete cds.//0//1608bp//99%//AF132941
 C-HEMBA1005202//SIGNAL RECOGNITION PARTICLE 68 KD PROTEIN (SRP68).//1.90E-179//361aa//95%//
 Q00004
 C-HEMBA1005223
 40 C-HEMBA1005232
 C-HEMBA1005241
 C-HEMBA1005275
 C-HEMBA1005293
 C-HEMBA1005311
 45 C-HEMBA1005338//Homo sapiens mRNA for matrilin-4, partial.//3.90E-241//1095bp//99%//AJ007581
 C-HEMBA1005359//ZINC FINGER PROTEIN 137.//3.90E-85//206aa//69%//P52743
 C-HEMBA1005367//Homo sapiens melastatin 1 (MLSN1) mRNA, complete cds.//9.00E-77//620bp//74%//
 AF071787
 C-HEMBA1005374
 50 C-HEMBA1005382
 C-HEMBA1005411
 C-HEMBA1005426
 C-HEMBA1005443
 C-HEMBA1005447
 55 C-HEMBA1005497
 C-HEMBA1005500
 C-HEMBA1005506
 C-HEMBA1005508

C-HEMBA1005526
 C-HEMBA1005530//Homo sapiens anaphase-promoting complex subunit 7 (APC7) mRNA, complete cds//0//
 1578bp//98%//AF191340
 C-HEMBA1005548//Homo sapiens MAFB/Kreisler basic region/leucine zipper transcription factor (MAFB) mRNA,
 5 complete cds//1.00E-220//1014bp//99%//AF134157
 C-HEMBA1005552
 C-HEMBA1005568
 C-HEMBA1005588
 C-HEMBA1005593
 10 C-HEMBA1005606
 C-HEMBA1005616
 C-HEMBA1005627
 C-HEMBA1005670
 C-HEMBA1005679
 15 C-HEMBA1005699
 C-HEMBA1005705
 C-HEMBA1005732//Human mRNA for KIAA1293 gene, complete cds//5.50E-102//317bp//98%//D14697
 C-HEMBA1005815//CALPAIN, LARGE [CATALYTIC] SUBUNIT (EC 3.4.22.17) (CALCIUM ACTIVATED NEU-
 TRAL PROTEINASE) (CANP) (MU/M-TYPE)//2.00E-36//342aa//33%//P00789
 20 C-HEMBA1005852
 C-HEMBA1005894
 C-HEMBA1005921
 C-HEMBA1006035
 C-HEMBA1006036
 25 C-HEMBA1006090
 C-HEMBA1006138
 C-HEMBA1006173
 C-HEMBA1006252
 C-HEMBA1006268//Homo sapiens HQ0024c mRNA, complete cds//3.50E-157//845bp//92%//AF073836
 30 C-HEMBA1006347//MALES-ABSENT ON THE FIRST PROTEIN (EC 2.3.1.-)//1.60E-130//332aa//62%//002193
 C-HEMBA1006359//ZINC FINGER PROTEIN 43 (ZINC PROTEIN HTF6)//3.50E-105//381aa//54%//P28160
 C-HEMBA1006380
 C-HEMBA1006416
 C-HEMBA1006421
 35 C-HEMBA1006424
 C-HEMBA1006426
 C-HEMBA1006446
 C-HEMBA1006485//PUROMYCIN-SENSITIVE AMINOPEPTIDASE (EC 3.4.11.-) (PSA)//1.90E-81//153aa//
 97%//P55786
 40 C-HEMBA1006486
 C-HEMBA1006494
 C-HEMBA1006546
 C-HEMBA1006562
 C-HEMBA1006595
 45 C-HEMBA1006597
 C-HEMBA1006631
 C-HEMBA1006639
 C-HEMBA1006652//60S RIBOSOMAL PROTEIN L7//2.40E-44//206aa//47%//P14148
 C-HEMBA1006659
 50 C-HEMBA1006665
 C-HEMBA1006676
 C-HEMBA1006695
 C-HEMBA1006709
 C-HEMBA1006758//Homo sapiens protocadherin beta 13 (PCDH-beta13) mRNA, complete cds//0//1832bp//
 55 91%//AF152492
 C-HEMBA1006780
 C-HEMBA1006807//Homo sapiens mRNA for SPOP//5.70E-125//1109bp//75%//AJ000644
 C-HEMBA1006824

C-HEMBA1006865
 C-HEMBA1006921
 C-HEMBA1006949
 5 C-HEMBA1006976//H.sapiens mRNA for Gal-beta(1-3/1-4)GlcNAc alpha-2.3-sialyltransferase.//1.90E-80//
 447bp//89%/X74570
 C-HEMBA1007051
 C-HEMBA1007052
 C-HEMBA1007066
 10 C-HEMBA1007073
 C-HEMBA1007078
 C-HEMBA1007085
 C-HEMBA1007113
 C-HEMBA1007121//Homo sapiens bisphosphate 3'-nucleotidase mRNA, complete cds.//1.70E-252//1118bp//
 92%/AF125042
 15 C-HEMBA1007129
 C-HEMBA1007147
 C-HEMBA1007151//Homo sapiens synphilin 1 mRNA, complete cds.//0//1900bp//99%/AF076929
 C-HEMBA1007178
 C-HEMBA1007203//Homo sapiens mRNA for KIAA0214 protein, complete cds.//0//1212bp//98%/D86987
 20 C-HEMBA1007224//Homo sapiens SUMO-1-specific protease (SSP1) mRNA, complete cds.//0//1590bp//99%/AF196304
 C-HEMBA1007243//Chinese hamster hprt mRNA, complete cds.//2.00E-58//650bp//70%/J00060
 C-HEMBA1007251
 C-HEMBA1007288
 25 C-HEMBA1007322
 C-HEMBA1007341
 C-HEMBA1000050
 C-HEMBA1000054
 C-HEMBA1000059
 30 C-HEMBA1000089
 C-HEMBA1000113
 C-HEMBA1000144//GUANYLATE CYCLASE ACTIVATING PROTEIN 2 (GCAP 2) (RETINAL GUANYLYL CYCLASE ACTIVATOR PROTEIN P24).//1.40E-24//71aa//77%/P51177
 C-HEMBA1000173
 35 C-HEMBA1000175
 C-HEMBA1000272
 C-HEMBA1000317//FIBULIN-1, ISOFORM D PRECURSOR.//7.10E-62//458aa//35%/P37888
 C-HEMBA1000318
 C-HEMBA1000336
 40 C-HEMBA1000341
 C-HEMBA1000343
 C-HEMBA1000354
 C-HEMBA1000374
 C-HEMBA1000434
 45 C-HEMBA1000441
 C-HEMBA1000491
 C-HEMBA1000493
 C-HEMBA1000510
 C-HEMBA1000652
 50 C-HEMBA1000672
 C-HEMBA1000684
 C-HEMBA1000709
 C-HEMBA1000726
 C-HEMBA1000770
 55 C-HEMBA1000827
 C-HEMBA1000831
 C-HEMBA1000883
 C-HEMBA1000888

C-HEMBB1000893
 C-HEMBB1000913
 C-HEMBB1000996
 C-HEMBB1001004
 5 C-HEMBB1001047
 C-HEMBB1001060
 C-HEMBB1001114
 C-HEMBB1001119
 C-HEMBB1001133
 10 C-HEMBB1001142
 C-HEMBB1001177
 C-HEMBB1001208
 C-HEMBB1001209
 C-HEMBB1001249
 15 C-HEMBB1001253
 C-HEMBB1001254
 C-HEMBB1001271
 C-HEMBB1001304
 C-HEMBB1001317
 20 C-HEMBB1001348
 C-HEMBB1001394
 C-HEMBB1001410
 C-HEMBB1001424
 C-HEMBB1001426
 25 C-HEMBB1001429//Homo sapiens leucine aminopeptidase mRNA, complete cds.//0//1933bp//99%//AF061738
 C-HEMBB1001436
 C-HEMBB10014437//Rattus norvegicus pyruvate dehydrogenase phosphatase isoenzyme 1 mRNA, complete
 cds.//3.00E-130//553bp//86%//AF062740
 C-HEMBB1001449
 30 C-HEMBB1001458
 C-HEMBB1001521
 C-HEMBB1001531
 C-HEMBB1001535
 C-HEMBB1001536
 35 C-HEMBB1001564
 C-HEMBB1001565
 C-HEMBB1001585
 C-HEMBB1001588
 C-HEMBB1001603
 40 C-HEMBB1001618
 C-HEMBB1001635
 C-HEMBB1001653
 C-HEMBB1001668
 C-HEMBB1001673//Homo sapiens mRNA for KIAA0646 protein, complete cds.//0//2035bp//99%//AB014546
 45 C-HEMBB1001685
 C-HEMBB1001695
 C-HEMBB1001707
 C-HEMBB1001735
 C-HEMBB1001736//EUKARYOTIC TRANSLATION INITIATION FACTOR 3 SUBUNIT 9 (EIF3 P116) (EIF3
 50 P110).//4.60E-15//391aa//25%//P55884
 C-HEMBB1001747
 C-HEMBB1001749//TRANSCRIPTIONAL ACTIVATOR GCN5.//1.70E-16//84aa//47%//Q03330
 C-HEMBB1001753
 C-HEMBB1001756
 55 C-HEMBB1001760
 C-HEMBB1001785
 C-HEMBB1001797
 C-HEMBB1001802//Human desmin mRNA, complete cds.//0//1523bp//98%//U59167

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C-HEMBB1001816
 C-HEMBB1001831//Homo sapiens PAM COOH-terminal interactor protein 1 (PCIP1) mRNA complete cds.//0//
 1514bp//99%//AF056209
 C-HEMBB1001839//GASTRULA ZINC FINGER PROTEIN XLGCF42.1 (FRAGMENT).//6.90E-11//87aa//35%//
 5 P18720
 C-HEMBB1001850
 C-HEMBB1001863
 C-HEMBB1001868
 C-HEMBB1001874
 10 C-HEMBB1001880
 C-HEMBB1001899
 C-HEMBB1001906
 C-HEMBB1001910
 C-HEMBB1001911
 15 C-HEMBB1001921
 C-HEMBB1001922
 C-HEMBB1001930
 C-HEMBB1001944
 C-HEMBB1001945
 20 C-HEMBB1001947
 C-HEMBB1001950//PROBABLE OXYGEN-INDEPENDENT COPROPORPHYRINOGEN III OXIDASE (EC 1.-.-.-)
 (COPROPORPHYRINOGENASE) (COPROGEN OXIDASE).//1.60E-41//370aa//31%//P54304
 C-HEMBB1001952
 C-HEMBB1001957
 25 C-HEMBB1001962
 C-HEMBB1001983
 C-HEMBB1001990
 C-HEMBB1001996
 C-HEMBB1002002
 30 C-HEMBB1002005
 C-HEMBB1002042//CYTOCHROME P450 4C1 (EC 1.14.14.1) (CYP1VC1).//2.70E-49//139aa//55%//P29981
 C-HEMBB1002043
 C-HEMBB1002045
 C-HEMBB1002049
 35 C-HEMBB1002050
 C-HEMBB1002068
 C-HEMBB1002092
 C-HEMBB1002139
 C-HEMBB1002142
 40 C-HEMBB1002190
 C-HEMBB1002193
 C-HEMBB1002217//ZINC FINGER PROTEIN 91 (ZINC FINGER PROTEIN HTF10) (HPF7).//2.10E-132//399aa//
 44%//Q05481
 C-HEMBB1002218
 45 C-HEMBB1002232
 C-HEMBB1002247
 C-HEMBB1002249
 C-HEMBB1002266//NEURONAL PROTEIN.//2.10E-46//121aa//76%//P41737
 C-HEMBB1002327
 50 C-HEMBB1002329
 C-HEMBB1002342//Homo sapiens mRNA for putative thioredoxin-like protein.//1.10E-274//1249bp//99%//
 AJ010841
 C-HEMBB1002358
 C-HEMBB1002371
 55 C-HEMBB1002387
 C-HEMBB1002409
 C-HEMBB1002425
 C-HEMBB1002442//LIN-10 PROTEIN.//9.70E-14//121aa//31%//P34692

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C-HEMBB1002453
 C-HEMBB1002458
 C-HEMBB1002477//Human Grb2-associated binder-1 mRNA, complete cds.//7.70E-258//774bp//99%//U43885
 C-HEMBB1002489
 5 C-HEMBB1002510//GYP7 PROTEIN.//3.10E-50//192aa//42%//P48365
 C-HEMBB1002520
 C-HEMBB1002522
 C-HEMBB1002545
 C-HEMBB1002579
 10 C-HEMBB1002582
 C-HEMBB1002596
 C-HEMBB1002603
 C-HEMBB1002610
 C-HEMBB1002613
 15 C-HEMBB1002617
 C-HEMBB1002623
 C-HEMBB1002635
 C-HEMBB1002677
 C-HEMBB1002683
 20 C-HEMBB1002699
 C-HEMBB1002702
 C-MAMMA1000009
 C-MAMMA1000043
 C-MAMMA1000045//ENV POLYPROTEIN [CONTAINS: SURFACE PROTEIN GP85; MEMBRANE PROTEIN
 25 GP37].//1.90E-07//249aa//27%//P03396
 C-MAMMA1000057
 C-MAMMA1000085//PUTATIVE CYSTEINYL-TRNA SYNTHETASE C29E6.06C (EC 6.1.1.16) (CYSTEINE--
 TRNA LIGASE) (CYSRS).//2.10E-90//427aa//39%//Q09860
 C-MAMMA1000092
 30 C-MAMMA1000103
 C-MAMMA1000117
 C-MAMMA1000129
 C-MAMMA1000133
 C-MAMMA1000155
 35 C-MAMMA1000175
 C-MAMMA1000198
 C-MAMMA1000241
 C-MAMMA1000251
 C-MAMMA1000254
 40 C-MAMMA1000287
 C-MAMMA1000307
 C-MAMMA1000331
 C-MAMMA1000339
 C-MAMMA1000340
 45 C-MAMMA1000348
 C-MAMMA1000356
 C-MAMMA1000360
 C-MAMMA1000402
 C-MAMMA1000414
 50 C-MAMMA1000431
 C-MAMMA1000444
 C-MAMMA1000458
 C-MAMMA1000500
 C-MAMMA1000522
 55 C-MAMMA1000576
 C-MAMMA1000583
 C-MAMMA1000594
 C-MAMMA1000605

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C-MAMMA1000616
 C-MAMMA1000643
 C-MAMMA1000684//Homo sapiens 7-60 mRNA, complete cds.//0//2402bp//99%//AF109134
 C-MAMMA1000696
 5 C-MAMMA1000707
 C-MAMMA1000714
 C-MAMMA1000720
 C-MAMMA1000744
 C-MAMMA1000761
 10 C-MAMMA1000776
 C-MAMMA1000798
 C-MAMMA1000839
 C-MAMMA1000851
 C-MAMMA1000863
 15 C-MAMMA1000867
 C-MAMMA1000876
 C-MAMMA1000880
 C-MAMMA1000883
 C-MAMMA1000921
 20 C-MAMMA1000931
 C-MAMMA1000941
 C-MAMMA1000957
 C-MAMMA1000962
 C-MAMMA1000975
 25 C-MAMMA1000987
 C-MAMMA1001003
 C-MAMMA1001030//LUTROPIN-CHORIOGONADOTROPIC HORMONE RECEPTOR (LH/CG-R) (LSH-R)
 (LUTEINIZING HORMONE RECEPTOR) (FRAGMENT).//1.20E-26//276aa//28%//Q90674
 C-MAMMA1001038//MYOSIN LIGHT CHAIN KINASE, SMOOTH MUSCLE AND NON-MUSCLE ISOZYMES (EC
 30 2.7.1.117) (MLCK) [CONTAINS: TELOKIN].//2.60E-107//190aa//95%//Q15746
 C-MAMMA1001082
 C-MAMMA1001162
 C-MAMMA1001186
 C-MAMMA1001191
 35 C-MAMMA1001206
 C-MAMMA1001220
 C-MAMMA1001243
 C-MAMMA1001249
 C-MAMMA1001256
 40 C-MAMMA1001268
 C-MAMMA1001271
 C-MAMMA1001274
 C-MAMMA1001292
 C-MAMMA1001305//RHO-GTPASE-ACTIVATING PROTEIN 1 (GTPASE-ACTIVATING PROTEIN RHOGAP)
 45 (RHO-RELATED SMALL GTPASE PROTEIN ACTIVATOR) (CDC42 GTPASE-ACTIVATING PROTEIN)
 (P50-RHOGAP).//2.20E-98//283aa//63%//Q07960
 C-MAMMA1001324
 C-MAMMA1001341
 C-MAMMA1001388//LEUCINE-RICH ALPHA-2-GLYCOPROTEIN (LRG).//1.40E-165//312aa//99%//P02750
 50 C-MAMMA1001397
 C-MAMMA1001408
 C-MAMMA1001420
 C-MAMMA1001442
 C-MAMMA1001452
 55 C-MAMMA1001465
 C-MAMMA1001487
 C-MAMMA1001501//CALPAIN 1, LARGE [CATALYTIC] SUBUNIT (EC 3.4.22.17) (CALCIUM-ACTIVATED NEU-
 TRAL PROTEINASE) (CANP) (MU-TYPE).//5.70E-55//86aa//97%//P07384

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C-MAMMA1001547
 C-MAMMA1001551
 C-MAMMA1001575
 C-MAMMA1001590
 5 C-MAMMA1001600
 C-MAMMA1001606
 C-MAMMA1001627//Homo sapiens mRNA for transcription factor TBX6.//5.20E-189//871bp//99%//AJ007989
 C-MAMMA1001663
 C-MAMMA1001670
 10 C-MAMMA1001671
 C-MAMMA1001679//F-ACTIN CAPPING PROTEIN BETA SUBUNIT (CAPZ)//0.00000058//29aa//100%//P47756
 C-MAMMA1001711
 C-MAMMA1001735//TUBULIN BETA-5 CHAIN (BETA-TUBULIN CLASS-V)//5.90E-240//445aa//97%//P09653
 C-MAMMA1001744
 15 C-MAMMA1001745
 C-MAMMA1001751//Homo sapiens tandem pore domain potassium channel TWIK-2 (KCNK6) mRNA, complete
 cds.//0//2332bp//99%//AF117708
 C-MAMMA1001783
 C-MAMMA1001788
 20 C-MAMMA1001806
 C-MAMMA1001812
 C-MAMMA1001815
 C-MAMMA1001817
 C-MAMMA1001818
 25 C-MAMMA1001820//Rattus norvegicus mRNA for PAG608 gene.//1.30E-198//1157bp//80%//Y13148
 C-MAMMA1001824
 C-MAMMA1001851
 C-MAMMA1001854
 C-MAMMA1001864
 30 C-MAMMA1001878
 C-MAMMA1001890
 C-MAMMA1001907
 C-MAMMA1001908
 C-MAMMA1001931
 35 C-MAMMA1001969
 C-MAMMA1002011
 C-MAMMA1002032
 C-MAMMA1002041
 C-MAMMA1002047
 40 C-MAMMA1002056
 C-MAMMA1002058
 C-MAMMA1002078
 C-MAMMA1002082
 C-MAMMA1002084
 45 C-MAMMA1002093
 C-MAMMA1002094
 C-MAMMA1002118
 C-MAMMA1002125
 C-MAMMA1002132
 50 C-MAMMA1002140
 C-MAMMA1002143//Homo sapiens Cdc42 effector protein 4 mRNA, complete cds7//1.70E-252//1170bp//99%//
 AF099664
 C-MAMMA1002145
 C-MAMMA1002198//THIOREDOXIN PEROXIDASE 1 (THIOREDOXIN-DEPENDENT PEROXIDE REDUCTASE
 55 1) (THIOL-SPECIFIC ANTIOXIDANT PROTEIN) (TSA) (PRP) (NATURAL KILLER CELL ENHANCING FACTOR
 B) (NKEF-B)//5.20E-61//60aa//90%//P32119
 C-MAMMA1002230
 C-MAMMA1002250

C-MAMMA1002282
 C-MAMMA1002293
 C-MAMMA1002298
 C-MAMMA1002299
 5 C-MAMMA1002308
 C-MAMMA1002310
 C-MAMMA1002311
 C-MAMMA1002322
 C-MAMMA1002339
 10 C-MAMMA1002352
 C-MAMMA1002359
 C-MAMMA1002360
 C-MAMMA1002392
 C-MAMMA1002411
 15 C-MAMMA1002413
 C-MAMMA1002417
 C-MAMMA1002428//LYSOSOME MEMBRANE PROTEIN II (LIMP II) (85 KD LYSOSOMAL MEMBRANE
 SIALOGLYCOPROTEIN) (LGP85) (CD36 ANTIGEN-LIKE 2)//1.10E-24//96aa//68%//Q14108
 C-MAMMA1002434
 20 C-MAMMA1002446
 C-MAMMA1002454
 C-MAMMA1002461
 C-MAMMA1002475
 C-MAMMA1002556
 25 C-MAMMA1002566
 C-MAMMA1002612
 C-MAMMA1002622//VILLIN//7.20E-35//53aa//64%//P02640
 C-MAMMA1002637//KINESIN LIGHT CHAIN (KLC)//1.30E-198//550aa//70%//Q07866
 C-MAMMA1002650//Mus musculus ODA-8S protein mRNA, complete cds//5.40E-57//480bp//68%//AF194030
 30 C-MAMMA1002699//Rattus norvegicus EH domain binding protein Epsin mRNA, complete cds//4.3e-317//
 1942bp//85%//AF018261
 C-MAMMA1002727
 C-MAMMA1002748
 C-MAMMA1002758
 35 C-MAMMA1002780
 C-MAMMA1002820
 C-MAMMA1002833
 C-MAMMA1002843
 C-MAMMA1002895
 40 C-MAMMA1002937//ZINC FINGER PROTEIN 135//8.30E-99//393aa//43%//P52742
 C-MAMMA1003004
 C-MAMMA1003047//Homo sapiens protein inhibitor of activated STAT protein PIASy mRNA, complete cds//0//
 1533bp//99%//AF077952
 C-NT2RM1000001//D.melanogaster sap47-2 mRNA//1.50E-10//417bp//62%//X80110
 45 C-NT2RM1000018//Human mRNA for KIAA0066 gene, partial cds//0//3376bp//99%//D31886
 C-NT2RM1000037//Homo sapiens mRNA for KIAA0690 protein, partial cds//0//3551bp//99%//AB014590
 C-NT2RM1000086//Homo sapiens mRNA for KIAA0661 protein, complete cds//0//3035bp//96%//AB014561
 C-NT2RM1000421//RIBONUCLEASE INHIBITOR//4.40E-21//372aa//30%//P10775 C-NT2RM1000499
 C-NT2RM1001059//NUCLEAR POLYADENYLATED RNA-BINDING PROTEIN NAB4//3.60E-11//180aa//28%//
 50 Q99383
 C-NT2RM1001092//ZINC FINGER PROTEIN 91 (ZINC FINGER PROTEIN HTF10) (HPF7)//3.60E-115//332aa//
 52%//Q05481
 C-NT2RM2001592//Homo sapiens mRNA for KIAA1067 protein, partial cds//0//3471bp//99%//AB028990
 C-NT2RM2001635//Homo sapiens mRNA for KIAA0618 protein, complete cds//0//1632bp//99%//AB014518
 55 C-NT2RM2001637
 C-NT2RM2001641
 C-NT2RM2001670//ZINC FINGER PROTEIN 29 (ZFP-29)//6.50E-104//407aa//43%//Q07230
 C-NT2RM2001699

C-NT2RM2001706
 C-NT2RM2001718
 C-NT2RM2001727//Homo sapiens mRNA for KIAA0462 protein, partial cds.//0//2892bp//99%//AB007931
 C-NT2RM2001805
 5 C-NT2RM4000086
 C-NT2RM4000215//MAK16 PROTEIN.//1.30E-68//295aa//49%//P10962
 C-NT2RM4000414
 C-NT2RM4000590//RING CANAL PROTEIN (KELCH PROTEIN).//1.00E-59//595aa//28%//Q04652
 C-NT2RM4000634
 10 C-NT2RM4000657//Homo sapiens mRNA for KIAA1069 protein, partial cds.//0//1412bp//100%//AB028992
 C-NT2RM4000783
 C-NT2RM4000857//LEUCINE-RICH ALPHA-2-GLYCOPROTEIN (LRG).//6.70E-22//250aa//29%//P02750
 C-NT2RM4000971
 C-NT2RM4000996//ZINC FINGER PROTEIN 91 (ZINC FINGER PROTEIN HTF10) (HPF7).//8.00E-211//738aa//
 15 50%//Q05481
 C-NT2RM4001092//ZINC FINGER PROTEIN GLO3.//3.10E-24//265aa//33%//P38682
 C-NT2RM4001178//PROBABLE ATP-DEPENDENT RNA HELICASE HAS1.//1.10E-48//218aa//43%//Q03532
 C-NT2RM4001569
 C-NT2RM4001819//Human p58/GTA (galactosyltransferase associated protein kinase) mRNA, complete cds.//
 20 8.10E-300//1395bp//98%//M37712
 C-NT2RM4001905
 C-NT2RM4001938//Homo sapiens mRNA for KIAA0898 protein, partial cds.//0//2234bp//99%//AB020705
 C-NT2RM4002062//ASPARTYL-TRNA SYNTHETASE (EC 6.1.1.12) (ASPARTATE--TRNA LIGASE) (ASPRS).//
 1.90E-31//80aa//52%//P36419
 25 C-NT2RM4002073//Mus musculus fatty acid transport protein 3 mRNA, partial cds.//9.30E-293//1751bp//83%//
 AF072758
 C-NT2RM4002093//Homo sapiens neural polypyrimidine tract binding protein (PTB) mRNA, complete cds.//0//
 2550bp//99%//AF176085
 C-NT2RM4002109//Homo sapiens kinesin superfamily motor KIF4 mRNA, complete cds.//0//2572bp//99%//
 30 AF071592
 C-NT2RM4002146//Homo sapiens MAGOH mRNA, complete cds.//6.90E-70//454bp//85%//AF035940
 C-NT2RM4002194//Mus musculus semaphorin VIa mRNA, complete cds.//5.20E-297//1753bp//87%//AF030430
 C-NT2RM4002390
 C-NT2RM4002398
 35 C-NT2RM4002420
 C-NT2RM4002534
 C-NT2RM4002565//Mus musculus Sec8 mRNA, complete cds.//0//1915bp//87%//AF022962
 C-NT2RM4002571//H.sapiens mRNA for UDP-GalNAc:polypeptide N-acetylgalactosaminyltransferase (T2).//
 4.60E-78//921bp//69%//X85019
 40 C-NT2RP1000358//Homo sapiens mRNA; cDNA DKFZp564C186 (from clone DKFZp564C186).//0//1938bp//
 88%//AL050019
 C-NT2RP1000522//UBIQUITIN CARBOXYL-TERMINAL HYDROLASE DUB-1 (EC 3.1.2.15) (UBIQUITIN THI-
 OLESTERASE DUB-1) (UBIQUITIN-SPECIFIC PROCESSING PROTEASE DUB-1) (DEUBIQUITINATING EN-
 ZYME 1).//8.20E-83//345aa//47%//Q61068
 45 C-NT2RP1000609//Homo sapiens mRNA; cDNA DKFZp586C201 (from clone DKFZp586C201).//0//2165bp//
 99%//AL050118
 C-NT2RP1000677//SODIUM-INDEPENDENT ORGANIC ANION TRANSPORTER (ORGANIC ANION TRANS-
 PORTING POLYPEPTIDE).//1.20E-78//483aa//31%//P46721
 C-NT2RP1000701//Homo sapiens phospholipase A2 activating protein (PLA2P) mRNA, complete cds.//0//
 50 1687bp//99%//AF145020
 C-NT2RP1000834//Homo sapiens alpha-methylacyl-CoA racemase mRNA, complete cds.//1.80E-176//829bp//
 98%//AF047020
 C-NT2RP1000860//Homo sapiens KL04P mRNA, complete cds.//0//1555bp//99%//AF064094
 C-NT2RP1000916
 55 C-NT2RP1000944
 C-NT2RP1001079//Oryctolagus cuniculus sarcosine oxidase (SOX) mRNA, complete cds.//0//2085bp//99%//
 U82267
 C-NT2RP1001080//PROBABLE ATP-DEPENDENT RNA HELICASE DBP9.//2.30E-116//319aa//46%//Q06218

C-NT2RP1001113
 C-NT2RP1001173//Homo sapiens mRNA; cDNA DKFZp566D1146 (from clone DKFZp566D1146).//0//2333bp//99%//AL080222
 C-NT2RP1001177//Rattus norvegicus histone macroH2A1.2 mRNA, complete cds.//5.20E-108//1278bp//69%//U79139
 5 C-NT2RP1001185//Human isovaleryl-coA dehydrogenase (IVD) mRNA, complete cds.//1.90E-158//729bp//99%//M34192
 C-NT2RP1001247//Homo sapiens TGF-beta type secreted signaling protein LEFTYA mRNA, complete cds.//0//2006bp//100%//AF081513
 10 C-NT2RP1001311
 C-NT2RP1001313//Homo sapiens delta-6 fatty acid desaturase mRNA, complete cds.//7.50E-121//1394bp//69%//AF126799
 C-NT2RP2000001//Homo sapiens mRNA for KIAA1111 protein, partial cds.//0//3188bp//99%//AB029034
 C-NT2RP2000027
 15 C-NT2RP2000183//DIHYDROPYRIMIDINASE RELATED PROTEIN-2 (DRP-2) (NEURAL SPECIFIC PROTEIN NSP60).//3.30E-16//114aa//44%//002675
 C-NT2RP2000198
 C-NT2RP2000523//APOLIPOPROTEIN B MRNA EDITING PROTEIN (HEPR) (APOBEC-1).//6.00E-16//124aa//34%//P41238
 20 C-NT2RP2000551
 C-NT2RP2000644
 C-NT2RP2000660//SAP1 PROTEIN.//5.20E-68//474aa//32%//P39955
 C-NT2RP2000678
 C-NT2RP2000715
 25 C-NT2RP2000842//Human lysophosphatidic acid receptor homolog mRNA, complete cds.//0//1562bp//99%//U80811
 C-NT2RP2000970
 C-NT2RP2001347
 C-NT2RP2001460//TRICHOHYALIN.//1.00E-14//521aa//24%//P37709
 30 C-NT2RP2001613//MITOCHONDRIAL IMPORT RECEPTOR SUBUNIT TOM40 (MOM38 PROTEIN) (TRANSLOCASE OF OUTER MEMBRANE 40 KD SUBUNIT).//6.10E-12//184aa//31%//P24391
 C-NT2RP2001634//Homo sapiens alpha-catenin-like protein mRNA, complete cds.//0//2445bp//99%//U97067
 C-NT2RP2001660//Homo sapiens putative 13 S Golgi transport complex 90kD subunit brain-specific isoform mRNA, complete cds.//0//1287bp//99%//AF058718
 35 C-NT2RP2001677
 C-NT2RP2001678
 C-NT2RP2001720
 C-NT2RP2001740//UBIQUITIN CARBOXYL-TERMINAL HYDROLASE DUB-1 (EC 3.1.2.15) (UBIQUITIN THIOLESTERASE DUB-1) (UBIQUITIN-SPECIFIC PROCESSING PROTEASE DUB-1) (DEUBIQUITINATING ENZYME 1).//7.90E-52//220aa//44%//Q61068
 40 C-NT2RP2001756//ZINC FINGER PROTEIN 84 (ZINC FINGER PROTEIN HPF2).//1.70E-49//411aa//32%//P51523
 C-NT2RP2001839//SCY1 PROTEIN.//5.40E-32//621aa//24%//P53009
 C-NT2RP2001861
 45 C-NT2RP2001869//ZINC FINGER PROTEIN 191.//7.10E-26//126aa//52%//014754
 C-NT2RP2001876//ALLOGRAFT INFLAMMATORY FACTOR-1 (AIF-1) (IONIZED CALCIUM BINDING ADAPTER MOLECULE 1).//1.20E-45//141aa//65%//P55008
 C-NT2RP2001898//Human inositol polyphosphate 5-phosphatase (5ptase) mRNA, 3' end.//0//2518bp//98%//M74161
 50 C-NT2RP2001936
 C-NT2RP2001943
 C-NT2RP2001946
 C-NT2RP2002032
 C-NT2RP2002033
 55 C-NT2RP2002041
 C-NT2RP2002047
 C-NT2RP2002066//Rattus norvegicus transmembrane receptor Unc5H2 mRNA, complete cds.//1.60E-226//1301bp//88%//U87306

C-NT2RP2002124//Homo sapiens mRNA for KIAA1097 protein, partial cds.//0//1772bp//95%//AB029020
 C-NT2RP2002172
 C-NT2RP2002219
 C-NT2RP2002256//Homo sapiens retinoic acid hydroxylase mRNA, complete cds.//0//1528bp//98%//AF005418
 5 C-NT2RP2002316
 C-NT2RP2002373
 C-NT2RP2002439
 C-NT2RP2002475
 C-NT2RP2002546
 10 C-NT2RP2002591//ZINC FINGER PROTEIN 84 (ZINC FINGER PROTEIN HPF2).//1.20E-155//562aa//50%//
 P51523
 C-NT2RP2002606//Rattus norvegicus Rabin3 mRNA, complete cds.//9.20E-147//874bp//87%//U19181
 C-NT2RP2002643
 C-NT2RP2002727//Rattus norvegicus tulip 2 mRNA, complete cds.//3.50E-74//727bp//72%//AF041107
 15 C-NT2RP2002736
 C-NT2RP2002740
 C-NT2RP2002741//Homo sapiens mRNA for Neuroblastoma, complete cds.//9.90E-54//964bp//64%//D89016
 C-NT2RP2002752
 C-NT2RP2002753
 20 C-NT2RP2002857
 C-NT2RP2003000//TUMOR NECROSIS FACTOR, ALPHA-INDUCED PROTEIN 1, ENDOTHELIAL (B12 PRO-
 TEIN).//1.90E-11//132aa//38%//Q13829
 C-NT2RP2003073
 C-NT2RP2003164//Homo sapiens mRNA for protein kinase.//0//2313bp//99%//AJ132545
 25 C-NT2RP2003206
 C-NT2RP2003228//H.sapiens P1-Cdc21 mRNA.//0//2870bp//98%//X74794
 C-NT2RP2003230//Rattus norvegicus endo-alpha-D-mannosidase (Enman) mRNA, complete cds.//2.60E-186//
 1551bp//77%//AF023657
 C-NT2RP2003237
 30 C-NT2RP2003272//Homo sapiens ubiquilin mRNA, complete cds.//0//1789bp//99%//AF176069
 C-NT2RP2003280
 C-NT2RP2003293
 C-NT2RP2003394//INTRACELLULAR PROTEIN TRANSPORT PROTEIN USO1.//5.50E-13//302aa//26%//
 P25386
 35 C-NT2RP2003401//UBIQUITIN CARBOXYL-TERMINAL HYDROLASE DUB-1 (EC 3.1.2.15) (UBIQUITIN THI-
 OLESTERASE DUB-1) (UBIQUITIN-SPECIFIC PROCESSING PROTEASE DUB-1) (DEUBIQUITINATING EN-
 ZYME 1).//9.60E-78//346aa//43%//061068
 C-NT2RP2003456
 C-NT2RP2003517//Human c-sis/platelet-derived growth factor 2 (SIS/PDGF2) mRNA, complete cds.//0//1746bp//
 40 95%//M12783
 C-NT2RP2003522//Homo sapiens zinc finger DNA binding protein 99 (ZNF281) mRNA, complete cds.//0//1764bp//
 99%//AF125158
 C-NT2RP2003559
 C-NT2RP2003564//52 KD RO PROTEIN (SJOGREN SYNDROME TYPE A ANTIGEN (SS-A)) (RO(SS-A)).//
 45 2.10E-59//270aa//46%//P19474
 C-NT2RP2003581
 C-NT2RP2003643//Mus musculus mRNA for CMP-N-acetylneuraminic acid synthetase.//9.40E-243//1624bp//
 82%//AJ006215
 C-NT2RP2003702//Homo sapiens 17 beta-hydroxysteroid dehydrogenase type VII (HSD17B7) mRNA, complete
 50 cds.//2.1e-313//978bp//99%//AF098786
 C-NT2RP2003704//Homo sapiens mRNA for ATP-dependent metalloprotease YME1L.//1.80E-72//350bp//100%//
 AJ132637
 C-NT2RP2003727
 C-NT2RP2003751
 55 C-NT2RP2003781//HYPOTHETICAL 36.7 KD PROTEIN AH6.2 IN CHROMOSOME II.//5.50E-63//253aa//50%//
 Q09201
 C-NT2RP2003825
 C-NT2RP2003871

C-NT2RP2003885
 C-NT2RP2003912//SERINE/THREONINE-PROTEIN KINASE NEK1 (EC 2.7.1.-) (NIMA-RELATED PROTEIN KINASE 1).//6.10E-183//387aa//87%/P51954
 C-NT2RP2003976//Homo sapiens mRNA for KIAA0447 protein, complete cds.//0//2866bp//98%/AB007916
 5 C-NT2RP2003988
 C-NT2RP2004013//TRANSCRIPTION FACTOR BTF3 (RNA POLYMERASE B TRANSCRIPTION FACTOR 3).//2.30E-53//141aa//78%/P20290
 C-NT2RP2004098//ADENYLATE CYCLASE (EC 4.6.1.1)(ATP PYROPHOSPHATE-LYASE) (ADENYLYL CYCLASE).//5.40E-30//319aa//31%/Q01513
 10 C-NT2RP2004142
 C-NT2RP2004170//Homo sapiens mRNA for transducin (beta) like 1 protein.//1.10E-138//1236bp//74%/Y12781
 C-NT2RP2004194//Rattus norvegicus Golgi SNARE GS15 mRNA, complete cds.//3.80E-52//397bp//82%/AF003998
 C-NT2RP2004207
 15 C-NT2RP2004226
 C-NT2RP2004232//Homo sapiens EPK2 mRNA for serine/threonine kinase, complete cds.//0//2272bp//99%/AB015982
 C-NT2RP2004242//NEUROFILAMENT TRIPLET H PROTEIN (200 KD NEUROFILAMENT PROTEIN) (NF-H).//9.90E-12//427aa//26%/P19246
 20 C-NT2RP2004270//PROTEIN PTM1 PRECURSOR.//1.40E-16//334aa//24%/P32857
 C-NT2RP2004321
 C-NT2RP2004339
 C-NT2RP2004347
 C-NT2RP2004396//Homo sapiens mRNA for activator of S phase Kinase, complete cds.//5.40E-243//1108bp//99%/AB028069
 25 C-NT2RP2004399
 C-NT2RP2004400
 C-NT2RP2004412
 C-NT2RP2004425//Mus musculus axotrophin mRNA, complete cds.//0//2321bp//86%/AF155739
 30 C-NT2RP2004490
 C-NT2RP2004523
 C-NT2RP2004538//Mus musculus kinesin-like protein KIF1B (Kif1b) mRNA, complete cds.//0//1387bp//86%/AF090190
 C-NT2RP2004580
 35 C-NT2RP2004587//Homo sapiens mRNA for KIAA0888 protein, partial cds.//0//2886bp//100%/AB020695
 C-NT2RP2004594
 C-NT2RP2004681
 C-NT2RP2004709
 C-NT2RP2004710//Homo sapiens mRNA for KIAA1014 protein, partial cds.//0//2587bp//100%/AB023231
 40 C-NT2RP2004732//Homo sapiens mRNA for KIAA0884 protein, partial cds.//0//1774bp//99%/AB020691
 C-NT2RP2004767
 C-NT2RP2004775
 C-NT2RP2004961//Rattus norvegicus KRAB/zinc finger suppressor protein 1 (KS1) mRNA, complete cds.//1.00E-228//1666bp//75%/U56732
 45 C-NT2RP2004962
 C-NT2RP2004982
 C-NT2RP2005003//52 KD RO PROTEIN (SJOGREN SYNDROME TYPE A ANTIGEN (SS-A)) (RO(SS-A)).//1.80E-99//376aa//43%/P19474
 C-NT2RP2005018
 50 C-NT2RP2005020
 C-NT2RP2005022
 C-NT2RP2005031
 C-NT2RP2005116//Homo sapiens mRNA for KIAA0664 protein, partial cds.//0//4069bp//99%/AB014564
 C-NT2RP2005139//2-5A-DEPENDENT RIBONUCLEASE (EC 3.1.26.-) (2-5A-DEPENDENT RNAASE) (RNASE L) (RIBONUCLEASE 4) (FRAGMENT).//0.000000022//139aa//35%/Q05921
 55 C-NT2RP2005168//Homo sapiens mRNA for E1B-55kDa-associated protein.//0//2769bp//98%/AJ007509
 C-NT2RP2005254
 C-NT2RP2005325//Homo sapiens LIM-homeodomain protein HLHX2 (LHX2) mRNA, complete cds.//0//1643bp//

99%//AF124735
 C-NT2RP2005336//TRICHOHYALIN//5.40E-10//545aa//22%//P37709
 C-NT2RP2005344//PROBABLE CALCIUM-TRANSPORTING ATPASE 5 (EC 3.6.1.38)//2.10E-124//636aa//
 38%//P32660
 5 C-NT2RP2005360
 C-NT2RP2005407//OXYSTEROL-BINDING PROTEIN//5.30E-63//410aa//40%//P22059
 C-NT2RP2005454
 C-NT2RP2005457//Homo sapiens NADH-ubiquinone oxidoreductase subunit B14.5B homolog mRNA, complete
 cds//1.20E-130//608bp//99%//AF070652
 10 C-NT2RP2005476//Human p190-B (p190-B) mRNA, complete cds//3.40E-108//668bp//88%//U17032
 C-NT2RP2005491//PARAMYOSIN (PMY) (ANTIGEN B)//0.00000015//279aa//26%//P35418
 C-NT2RP2005496//ZINC FINGER PROTEIN 135//2.90E-146//398aa//59%//P52742
 C-NT2RP2005501
 C-NT2RP2005531//PROTEIN 4.1 (BAND 4.1) (P4.1)//5.50E-70//393aa//39%//P11171
 15 C-NT2RP2005600//Homo sapiens mRNA for KIAA1020 protein, partial cds//0//2554bp//99%//AB028943
 C-NT2RP2005645
 C-NT2RP2005694//X-LINKED RETINITIS PIGMENTOSA GTPASE REGULATOR//2.60E-10//175aa//27%//
 Q92834
 C-NT2RP2005701//ZINC-FINGER PROTEIN RFP (RET FINGER PROTEIN)//3.00E-63//323aa//39%//Q62158
 20 C-NT2RP2005741
 C-NT2RP2005806
 C-NT2RP2005815
 C-NT2RP2005841
 C-NT2RP2005882
 25 C-NT2RP2005942//POLY(A) POLYMERASE (EC 2.7.7.19) (PAP) (POLYNUCLEOTIDE ADENYLYLTRANS-
 FERASE)//1.50E-67//388aa//44%//P25500
 C-NT2RP2006103
 C-NT2RP2006166
 C-NT2RP2006258
 30 C-NT2RP2006261
 C-NT2RP2006321
 C-NT2RP2006454
 C-NT2RP2006598//Homo sapiens retinoid x receptor interacting protein mRNA, complete cds//3.10E-295//
 1193bp//99%//AF113538
 35 C-NT2RP3000046//MITOCHONDRIAL GTPASE MSS1 PRECURSOR//4.60E-78//421aa//37%//P32559
 C-NT2RP3000047//NPL4 PROTEIN//1.10E-85//526aa//36%//P33755
 C-NT2RP3000418
 C-NT2RP3000439//HYPOTHETICAL 46.4 KD PROTEIN IN FFH-GRPE INTERGENIC REGION//2.90E-
 1511319aa//26%//P37908
 40 C-NT2RP3000487
 C-NT2RP3000512//Human HOX2G mRNA from the Hox2 locus//0//1934bp//99%//X16667
 C-NT2RP3000526
 C-NT2RP3000603//NEUROGENIC DIFFERENTIATION FACTOR 1//3.70E-11//90aa//42%//Q13562
 C-NT2RP3000605//Mus musculus mRNA for wizL, complete cds//0//2232bp//82%//AB012265
 45 C-NT2RP3000628
 C-NT2RP3000739//ATROPHIN-1 (DENTATORUBRAL-PALLIDOLUYSIAN ATROPHY PROTEIN)//1.40E-24//
 155aa//37%//Q10149
 C-NT2RP3000845//PUTATIVE SERINE/THREONINE-PROTEIN KINASE P78 (EC 2.7.1.)/8.30E-108//331aa//
 50 50%//P27448
 C-NT2RP3000968//40S RIBOSOMAL PROTEIN S15A//1.90E-46//73aa//98%//P39027
 C-NT2RP3001057//ZINC FINGER PROTEIN 91 (ZINC FINGER PROTEIN HTF10) (HPF7)//9.00E-201//584aa//
 54%//Q05481
 C-NT2RP3001113//INTRACELLULAR PROTEIN TRANSPORT PROTEIN USO1//2.90E-11//631aa//23%//
 P25386
 55 C-NT2RP3001245//Homo sapiens mRNA for KIAA0923 protein, complete cds//0//2659bp//99%//AB023140
 C-NT2RP3001253//NUF1 PROTEIN (SPINDLE POLY BODY SPACER PROTEIN SPC110)//1.70E-10//540aa//
 23%//P32380
 C-NT2RP3001356

C-NT2RP3001383
 C-NT2RP3001399//SSU72 PROTEIN.//1.30E-16//84aa//52%//P53538
 C-NT2RP3001554//MICROTUBULE-ASSOCIATED PROTEIN 1B [CONTAINS: LIGHT CHAIN LC1]//1.40E-76//
 388aa//32%//P46821
 5 C-NT2RP3001712//Homo sapiens HP1-BP74 protein mRNA, complete cds.//0//1788bp//99%//AF113534
 C-NT2RP3001724//Homo sapiens chromodomain-helicase-DNA-binding protein mRNA, complete cds.//1.10E-
 240//902bp//99%//AF054177
 C-NT2RP3001727//Rattus norvegicus implantation-associated protein (IAG2) mRNA, partial cds.//6.90E-132//
 774bp//88%//AF008554
 10 C-NT2RP3001730//SEPTIN 2 HOMOLOG (FRAGMENT).//7.10E-132//294aa//84%//Q14141
 C-NT2RP3001739
 C-NT2RP3001777
 C-NT2RP3001857//VEGETATIBLE INCOMPATIBILITY PROTEIN HET-E-1.//1.20E-14//242aa//24%//Q00808
 C-NT2RP3001943//Homo sapiens mRNA for KIAA0675 protein, complete cds.//0//3747bp//99%//AB014575
 15 C-NT2RP3001944
 C-NT2RP3002033
 C-NT2RP3002054
 C-NT2RP3002063//Homo sapiens mRNA for KIAA1033 protein, partial cds.//0//2830bp//99%//AB028956
 C-NT2RP3002099
 20 C-NT2RP3002102
 C-NT2RP3002147
 C-NT2RP3002163
 C-NT2RP3002173
 C-NT2RP3002255
 25 C-NT2RP3002303//PROBABLE UNDECAPRENYL PYROPHOSPHATE SYNTHETASE (EC 2.5.1.31) (UPP SYN-
 THETASE) (DI-TRANS-POLY-CIS-DECAPRENYLCISTRANSFERASE).//8.60E-49//243aa//43%//Q58767
 C-NT2RP3002343
 C-NT2RP3002351//Human mRNA for NAD-dependent methylene tetrahydrofolate dehydrogenase cyclohydrolase
 (EC 1.5.1.15).//4.20E-70//590bp//76%//X16396
 30 C-NT2RP3002399//DNA REPLICATION LICENSING FACTOR MCM4 (CDC21 HOMOLOG)(P1-CDC21).//8.60E-
 79//416aa//34%//P33991
 C-NT2RP3002455//Homo sapiens mRNA for KIAA0678 protein, partial cds.//0//3811bp//99%//AB014578
 C-NT2RP3002545//Homo sapiens mRNA; cDNA DKFZp586G0518 (from clone DKFZp586G0518).//0//2499bp//
 99%//AL050092
 35 C-NT2RP3002549//HYPOTHETICAL 26.6 KD PROTEIN T19C3.4 IN CHROMOSOME III.//5.80E-40//161aa//
 52%//Q10010
 C-NT2RP3002602//PROBABLE PROTEIN DISULFIDE ISOMERASE ER-60 PRECURSOR (EC 5.3.4.1) (ERP60)
 (58 KD MICROSOMAL PROTEIN) (P58) (HIP-70) (Q-2).//2.90E-19//173aa//28%//P11598
 C-NT2RP3002603
 40 C-NT2RP3002628//PROBABLE PROTEIN DISULFIDE ISOMERASE P5 PRECURSOR (EC 5.3.4.1).//2.50E-26//
 90aa//42%//P38660
 C-NT2RP3002659
 C-NT2RP3002660
 C-NT2RP3002682//Homo sapiens CGI-145 protein mRNA, complete cds.//0//1596bp//98%//AF151903
 45 C-NT2RP3002687
 C-NT2RP3002688//Mouse mRNA for kinesin-like protein (Kifib), complete cds.//1.10E-93//1205bp//69%//D17577
 C-NT2RP3002701
 C-NT2RP3002785//LETHAL(2)DENTICLELESS PROTEIN (DTL83 PROTEIN).//2.50E-55//187aa//39%//Q24371
 C-NT2RP3002869//Mus musculus semaphorin VIa mRNA, complete cds.//2.50E-232//1282bp//85%//AF030430
 50 C-NT2RP3002876
 C-NT2RP3002877
 C-NT2RP3002909//Homo sapiens mRNA for KIAA0771 protein, partial cds.//0//2085bp//94%//AB018314
 C-NT2RP3002969//Homo sapiens mRNA for Acyl-CoA synthetase 3, complete cds.//0//2722bp//99%//D89053
 C-NT2RP3002972//Halocynthia roretzi mRNA for HrPET-1, complete cds.//3.90E-52//899bp//64%//AB029333
 55 C-NT2RP3003032//Homo sapiens okadaic acid-inducible and cAMP-regulated phosphoprotein 19 (ARPP-19) mR-
 NA, complete cds.//0//2656bp//99%//AF084555
 C-NT2RP3003061//ANKYRIN.//1.40E-20//200aa//37%//Q02357
 C-NT2RP3003071//NEUROGENIC PROTEIN BIG BRAIN.//1.10E-05//258aa//24%//P23645

C-NT2RP3003078
 C-NT2RP3003139
 C-NT2RP3003145//Mus musculus metallocarboxypeptidase CPX-1 mRNA, complete cds.//0//2251bp//81%//
 AF07773 8
 5 C-NT2RP3003150
 C-NT2RP3003197//HYPOTHETICAL 33.8 KD PROTEIN C5H10.01 IN CHROMOSOME I.//5.70E-09//169aa//
 31%//Q09674
 C-NT2RP3003203//Rattus norvegicus golgi stacking protein homolog GRASP55 mRNA, complete cds.//2.00E-
 210//1851bp//76%//AF110267
 10 C-NT2RP3003210
 C-NT2RP3003212//Rattus norvegicus lamina associated polypeptide 1C (LAP1C) mRNA, complete cds.//4.30E-
 187//1750bp//75%//U20286
 C-NT2RP3003230//Homo sapiens mRNA for hCRNN4, complete cds.//0//2350bp//99%//AB030656
 C-NT2RP3003242//Homo sapiens stanniocalcin-related protein mRNA, complete cds.//0//2366bp//99%//
 15 AF098462
 C-NT2RP3003251//52 KD RO PROTEIN (SJOGREN SYNDROME TYPE A ANTIGEN (SS-A))(RO(SS-A))//
 4.20E-86//366aa//48%//P19474
 C-NT2RP3003301//MITOCHONDRIAL LON PROTEASE HOMOLOG 1 PRECURSOR (EC 3.4.21.-)//1.10E-170//
 585aa//54%//U064948
 20 C-NT2RP3003311
 C-NT2RP3003409//Human DHHC-domain-containing cysteine-rich protein mRNA, complete cds.//9.20E-45//
 782bp//65%//U90653
 C-NT2RP3003427
 C-NT2RP3003543
 25 C-NT2RP3003552
 C-NT2RP3003555//HYPOTHETICAL 32.6 KD PROTEIN IN MET30-PIG2 INTERGENIC REGION.//4.50E-30//
 191aa//40%//P40529
 C-NT2RP3003564
 C-NT2RP3003589//Homo sapiens ras-related GTP-binding protein mRNA, complete cds.//0//3131bp//94%//
 30 AF106681
 C-NT2RP3003621
 C-NT2RP3003625
 C-NT2RP3003656
 C-NT2RP3003659//HES1 PROTEIN.//5.90E-22//229aa//27%//P35843
 35 C-NT2RP3003686
 C-NT2RP3003701//F-SPONDIN PRECURSOR.//1.80E-17//324aa//26%//P35446
 C-NT2RP3003716//SLIT PROTEIN PRECURSOR.//6.60E-10//150aa//34%//P24014
 C-NT2RP3003726//Homo sapiens spermatogenesis associated PD1 mRNA, complete cds.//0//2568bp//99%//
 U28164
 40 C-NT2RP3003795
 C-NT2RP3003805
 C-NT2RP3003809//SAV PROTEIN.//1.10E-131//576aa//41%//Q07590
 C-NT2RP3003819
 C-NT2RP3003825//PHOSPHATIDYLCHOLINE TRANSFER PROTEIN (PC-TP).//9.60E-19//174aa//31%//
 45 P02720
 C-NT2RP3003831//Homo sapiens ENDOGL-1 (alias ENGL-a) mRNA for endonuclease G-like protein-1, complete
 cds.//2.2e-316//1436bp//99%//AB020523
 C-NT2RP3003833
 C-NT2RP3003842
 50 C-NT2RP3003846//Homo sapiens mRNA for putative phospholipase, complete cds.//4.80E-277//1255bp//99%//
 AB019435
 C-NT2RP3003870//Homo sapiens mRNA for KIAA0800 protein, complete cds.//0//2557bp//99%//AB018343
 C-NT2RP3003876
 C-NT2RP3003914//UDP-GLUCOSE:GLYCOPROTEIN GLUCOSYLTRANSFERASE PRECURSOR (EC 2.4.1.-)
 55 (DUGT) //2.20E-20//76aa//64%//Q09332
 C-NT2RP3003918//Homo sapiens VAMP-associated protein B (VAP-B) mRNA, complete cds.//0//2191bp//99%//
 AF086628
 C-NT2RP3003989

EP 1 074 617 A2

C-NT2RP3004016//TRANSCRIPTION INTERMEDIARY FACTOR 1-BETA (NUCLEAR COREPRESSOR KAP-1)
 (KRAB-ASSOCIATED PROTEIN 1)//1.50E-17//226aa//26%//Q13263
 C-NT2RP3004070
 C-NT2RP3004145
 5 C-NT2RP3004215
 C-NT2RP3004253
 C-NT2RP3004282//Homo sapiens torsinA (DYT1) mRNA, complete cds.//5.10E-24//597bp//61 %//AF007871
 C-NT2RP3004348//R.norvegicus mRNA for cytosolic resiniferatoxin-binding protein.//1.10E-185//1130bp//82%//
 X67877
 10 C-NT2RP3004490//Homo sapiens PAC clone 166H1 from 12q, complete sequence.//0//1778bp//99%//AC003982
 C-NT2RP3004503
 C-NT2RP3004566//ZINC FINGER PROTEIN 84 (ZINC FINGER PROTEIN HPF2).//1.20E-95//434aa//43%//
 P51523
 C-NT2RP3004670//Homo sapiens GN6ST mRNA for N-acetylglucosamine-6-O-sulfotransferase (GlcNAc6ST),
 15 complete cds.//0//2393bp//99%//AB014679
 C-NT2RP4000023
 C-NT2RP4000218
 C-NT2RP4000424
 C-NT2RP4001213//ZINC FINGER PROTEIN 184 (FRAGMENT).//5.70E-141//511aa//43%//Q99676
 20 C-NT2RP4001447
 C-NT2RP4001841
 C-NT2RP4001849//SH3-BINDING PROTEIN 3BP-1.//1.40E-85//489aa//43%//P55194
 C-NT2RP4002047//GTP-BINDING PROTEIN LEPA.//1.50E-168//601aa//52%//067618
 C-NT2RP4002075
 25 C-NT2RP4002083
 C-OVARC1000001/Homo sapiens mRNA for actin binding protein ABP620, complete cds.//7.00E-217//683bp//
 99%//AB029290
 C-OVARC1000008
 C-OVARC1000017
 30 C-OVARC1000058
 C-OVARC1000068
 C-OVARC1000071//Homo sapiens NTF2-related export protein NXT1 (NXT1) mRNA, complete cds.//1.50E-47//
 727bp//67%//AF156957
 C-OVARC1000085//Human mRNA for proteasome subunit HC5.//1.00E-151//699bp//100%//D00761
 35 C-OVARC1000109
 C-OVARC1000114
 C-OVARC1000145
 C-OVARC1000240
 C-OVARC1000302
 40 C-OVARC1000408
 C-OVARC1000414
 C-OVARC1000440
 C-OVARC1000442
 C-OVARC1000496
 45 C-OVARC1000556//RIBOSOMAL PROTEIN S6 KINASE II ALPHA 2 (EC 2.7.1.-) (S6KII-ALPHA 2) (P90-RSK 2)
 (RIBOSOMAL S6 KINASE 3) (RSK3) (PP90RSK3).//3.30E-67//132aa//95%//015349
 C-OVARC1000557
 C-OVARC1000578
 C-OVARC1000622
 50 C-OVARC1000679//Homo sapiens myosin-IXa mRNA, complete cds.//0//808bp//99%//AF117888
 C-OVARC1000681
 C-OVARC1000700
 C-OVARC1000724
 C-OVARC1000751//PROBABLE PROTEIN PHOSPHATASE 2C T23F11.1 (EC 3.1.3.16) (PP2C).//5.60E-11//
 55 74aa//37%//P49596
 C-OVARC1000800//MITOCHONDRIAL STRESS-70 PROTEIN PRECURSOR (75 KD GLUCOSE REGULATED
 PROTEIN) (GRP 75).//3.90E-46//78aa//98%//035501
 C-OVARC1000885//OXIDOREDUCTASE UCPA (EC 1.-.-.-).//1.30E-32//170aa//34%//P37440

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C-OVARC1000936//COAT PROTEIN GP37 (ENV PROTEIN GP37)//0.0000054//135aa//28%/P03398
 C-OVARC1000937//S-PHASE ENTRY CYCLIN 6//4.90E-10//61aaaa//49%/P32943
 C-OVARC1000960
 C-OVARC1000971
 5 C-OVARC1000999//ANKYRIN HOMOLOG PRECURSOR//4.10E-11//189aa//32%/Q06527
 C-OVARC1001000
 C-OVARC1001029
 C-OVARC1001040
 10 C-OVARC1001051//EPIDERMAL GROWTH FACTOR RECEPTOR SUBSTRATE SUBSTRATE 15 (PROTEIN
 EPS15) (AF-1P PROTEIN)//1.10E-08//216aa//23%/P42566
 C-OVARC1001113//Homo sapiens diaphanous 1 (HDIA1) mRNA, complete cds//5.1e-310//1588bp//93%/AF051782
 C-OVARC1001118
 C-OVARC1001129
 15 C-OVARC1001169
 C-OVARC1001240
 C-OVARC1001261
 C-OVARC1001339
 C-OVARC1001342//40S RIBOSOMAL PROTEIN S8//1.40E-110//207aa//99%/P09058
 20 C-OVARC1001357
 C-OVARC1001442
 C-OVARC1001611
 C-OVARC1001813
 C-OVARC1002112//Homo sapiens histone macroH2A1.2 mRNA, complete cds//0//1760bp//99%/AF054174
 25 C-OVARC1002143
 C-OVARC1002165//3-OXO-5-ALPHA-STEROID 4-DEHYDROGENASE 2 (EC 1.3.99.5) (STEROID 5-ALPHA-
 REDUCTASE 2) (SR TYPE 2)//7.60E-08//114aa//37%/P31213
 C-OVARC1002182//BETA-TRCP (BETA-TRANSDUCIN REPEAT-CONTAINING PROTEIN) (BTRCP)//1.70E-
 09//207aa//30%/Q91854
 30 C-PLACE1000014
 C-PLACE1000078
 C-PLACE1000492//Rat vacuolar protein sorting homolog r-vps33b mRNA, complete cds//0//2041bp//87%/U35245
 C-PLACE1000793//NEUROGENIC PROTEIN BIG BRAIN//1.70E-07//251aa//24%/P23645
 35 C-PLACE1000814
 C-PLACE1000979//ZINC FINGER PROTEIN 135//2.50E-153//326aa//64%/P52742
 C-PLACE1001007
 C-PLACE1001054//Homo sapiens mRNA for RuvB-like DNA helicase TIP49b, complete cds//4.00E-300//
 1355bp//100%/AB024301
 40 C-PLACE1001088
 C-PLACE1001136
 C-PLACE1001241
 C-PLACE1001377//Homo sapiens ADAM10 (ADAM10) mRNA, complete cds//5.90E-228//827bp//99%/AF009615
 45 C-PLACE1001395
 C-PLACE1001740
 C-PLACE1001746
 C-PLACE1001983//HYPOTHETICAL 46.4 KD PROTEIN IN FFH-GRPE INTERGENIC REGION//7.50E-16//
 319aa//26%/P37908
 50 C-PLACE1002066
 C-PLACE1002115
 C-PLACE1002213
 C-PLACE1002342//Homo sapiens mRNA for KIAA0728 protein, partial cds//0//1657bp//98%/AB018271
 C-PLACE1002450//Human zinc finger protein mRNA, complete cds//0//2565bp//99%/U69274
 55 C-PLACE1002474//Mus musculus matrilin-2 precursor mRNA, complete cds//0//2092bp//84%/U69262
 C-PLACE1002499
 C-PLACE1002578
 C-PLACE1002714

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C-PLACE1002772
 C-PLACE1002775//PEREGRIN (BR140 PROTEIN)//3.80E-13//272aa//28%//P55201
 C-PLACE1002834//ZINC FINGER PROTEIN 83 (ZINC FINGER PROTEIN HPF1)//5.50E-203//396aa//86%//
 P51522
 5 C-PLACE1002993
 C-PLACE1003030//Homo sapiens snRNA activating protein complex 190kD subunit (SNAP190) mRNA, complete
 cds.//8.50E-44//225bp//100%//AF032387
 C-PLACE1003205
 C-PLACE1003249
 10 C-PLACE1003493//ENDOTHELIAL CELL MULTIMERIN PRECURSORS//1.70E-23//594aa//33%//P28481
 C-PLACE1003553
 C-PLACE1003592
 C-PLACE1003596//OLIGOSACCHARYL TRANSFERASE STT3 SUBUNIT HOMOLOG//2.60E-93//270aa//66%//
 P46975
 15 C-PLACE1003669//TRICHOHYALIN//5.60E-09//219aa//30%//P22793
 C-PLACE1003709//Homo sapiens mitotic checkpoint kinase Bub1 (BUB1) mRNA, complete cds//6.20E-282//
 1316bp//98%//AF053305
 C-PLACE1003870
 C-PLACE1003885//POLY(A) POLYMERASE (EC 2.7.7.19) (PAP) (POLYNUCLEOTIDE ADENYLYLTRANS-
 20 FERASE)//3.70E-222//651aa//66%//P25500
 C-PLACE1003892
 C-PLACE1003900
 C-PLACE1004336
 C-PLACE1004384
 25 C-PLACE1004425
 C-PLACE1004471//ZINC FINGER PROTEIN 83 (ZINC FINGER PROTEIN HPF1)//2.90E-56//276aa//41%//
 P51522
 C-PLACE1004506//Homo sapiens carboxyl terminal LIM domain protein (CLIM1) mRNA, complete cds//2.10E-
 16//402bp//62%//U90878
 30 C-PLACE1004518
 C-PLACE1004550//Homo sapiens CGI-20 protein mRNA, complete cds//3.50E-274//1305bp//97%//AF132954
 C-PLACE1004681
 C-PLACE1004693
 C-PLACE1004716//Homo sapiens HSPC038 protein mRNA, complete cds//2.70E-103//586bp//91%//AF125099
 35 C-PLACE1004815
 C-PLACE1004836
 C-PLACE1004838
 C-PLACE1004840
 C-PLACE1004900
 40 C-PLACE1004985
 C-PLACE1005085
 C-PLACE1005086
 C-PLACE1005108
 C-PLACE1005146
 45 C-PLACE1005409
 C-PLACE1005453
 C-PLACE1005477
 C-PLACE1005557//60S RIBOSOMAL PROTEIN L27//1.90E-11//60aa//48%//P46288
 C-PLACE1005595
 50 C-PLACE1005603
 C-PLACE1005639
 C-PLACE1005727//Homo sapiens STRIN protein (STRIN) mRNA, complete cds//2.00E-118//378bp//98%//
 AF162680
 C-PLACE1005799
 55 C-PLACE1005813//Homo sapiens sorting nexin 2 (SNX2) mRNA, complete cds//0//2040bp//99%//AF065482
 C-PLACE1005884
 C-PLACE1005968
 C-PLACE1006002

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C-PLACE1006003//Homo sapiens CGI-94 protein mRNA, complete cds.//2.40E-177//829bp//99%//AF151852
 C-PLACE1006017
 C-PLACE1006037
 C-PLACE1006076
 5 C-PLACE1006143
 C-PLACE1006248//Homo sapiens mRNA for KIAA0648 protein, partial cds.//0//1489bp//100%//AB014548
 C-PLACE1006288//VOLTAGE-DEPENDENT ANION-SELECTIVE CHANNEL PROTEIN 1 (VDAC1) (PLASMA-
 LEMMAL PORIN) (OUTER MITOCHONDRIAL MEMBRANE PROTEIN PORIN) (PORIN 31HL) (PORIN 31HM).//
 4.60E-117//147aa//80%//P21796
 10 C-PLACE1006318//Mus musculus skm-BOP2 (Bop) mRNA, complete cds.//3.00E-07//376bp//59%//U76374
 C-PLACE1006368//HYALURONAN-MEDIATED MOTILITY RECEPTOR (HYALURONIC ACID RECEPTOR).//
 1.30E-18//460aa//24%//Q00547
 C-PLACE1006371
 C-PLACE1006469//ACETYL-COENZYME A SYNTHETASE (EC 6.2.1.1) (ACETATE--COA LIGASE) (ACYL- AC-
 15 TIVATING ENZYME).//1.20E-83//313aa//49%//P27550
 C-PLACE1006506//Homo sapiens anaphase-promoting complex subunit 4 (APC4) mRNA, complete cds.//0//
 2170bp//99%//AF191338
 C-PLACE1006521
 C-PLACE1006534//Homo sapiens mRNA; cDNA DKFZp564G1964 (from clone DKFZp564G1964).//1.70E-192//
 20 883bp//99%//AL110144
 C-PLACE1006617
 C-PLACE1006640
 C-PLACE1006754//BILIARY GLYCOPROTEIN 1 PRECURSOR (BGP-1) (ANTIGEN CD66) (CD66A ANTIGEN).//
 6.20E-63//191aa//43%//P13688
 25 C-PLACE1006760
 C-PLACE1006779
 C-PLACE1006805
 C-PLACE1006815
 C-PLACE1006867
 30 C-PLACE1007045
 C-PLACE1007097
 C-PLACE1007111
 C-PLACE1007112
 C-PLACE1007140//Homo sapiens mRNA for KIAA1009 protein, complete cds.//0//3492bp//99%//AB023226
 35 C-PLACE1007218
 C-PLACE1007454
 C-PLACE1007478
 C-PLACE1007677
 C-PLACE10077057//Mus musculus mRNA for Ndr1 related protein Ndr3, complete cds.//1.10E-184//1096bp//
 40 82%//AB033922
 C-PLACE1007737
 C-PLACE1007743
 C-PLACE1007852//Homo sapiens mRNA for KIAA0878 protein, complete cds.//1.00E-232//1174bp//94%//
 AB020685
 45 C-PLACE1007877
 C-PLACE1008045
 C-PLACE1008080//Homo sapiens mRNA for HEXIM1 protein, complete cds.//0//2152bp//99%//AB021179
 C-PLACE1008111//PROBABLE OXIDOREDUCTASE (EC 1.-.-.-).//3.00E-25//208aa//37%//Q03326
 C-PLACE1008201//Rattus rattus zinc finger protein, complete cds.//0//2265bp//83%//L23077
 50 C-PLACE1008231
 C-PLACE1008244//VEGETATIBLE INCOMPATIBILITY PROTEIN HET-E-1.//9.50E-21//148aa//38%//Q00808
 C-PLACE1008330//EOSINOPHIL LYSOPHOSPHOLIPASE (EC 3.1.1.5) (CHARCOT-LEYDEN CRYSTAL PRO-
 TEIN) (LYSOLECITHIN ACYLHYDROLASE) (CLC) (GALACTIN- 10).//2.20E-23//94aa//47%//Q05315
 C-PLACE1008331
 55 C-PLACE1008369
 C-PLACE1008392
 C-PLACE1008405
 C-PLACE1008424

C-PLACE1008584
 C-PLACE1008625
 C-PLACE1008630
 5 C-PLACE1008643//INTER-ALPHA-TRYPSIN INHIBITOR HEAVY CHAIN H2 PRECURSOR (ITI HEAVY CHAIN H2).//5.20E-90//483aa//38%/002668
 C-PLACE1008715
 C-PLACE1008748
 C-PLACE1008757
 C-PLACE1008798
 10 C-PLACE1008851
 C-PLACE1008947
 C-PLACE1009039
 C-PLACE1009048
 C-PLACE1009050
 15 C-PLACE10091137//Homo sapiens X-ray repair cross-complementing protein 3 (XRCC3) mRNA, complete cds.//0//2529bp//99%/AF035586
 C-PLACE1009150
 C-PLACE1009200
 C-PLACE1009246//POLLEN SPECIFIC PROTEIN SF3.//4.40E-16//82aa//43%/P29675
 20 C-PLACE1009298//Homo sapiens vacuolar sorting protein 35 (VPS35) mRNA, complete cds.//0//2262bp//99%/AF191298
 C-PLACE1009308//GLUCOSE REPRESSION MEDIATOR PROTEIN.//4.00E-06//439aa//23%/P14922
 C-PLACE1009398//ZINC FINGER PROTEIN 135.//6.20E-97//361aa//51%/P52742
 C-PLACE1009410
 25 C-PLACE1009477//Homo sapiens mRNA for KIAA0684 protein, partial cds.//6.50E-148//592bp//99%/AB014584
 C-PLACE1009493
 C-PLACE1009539
 C-PLACE1009595
 C-PLACE1009637
 30 C-PLACE1009639
 C-PLACE1009798//RLR1 PROTEIN.//1.60E-18//270aa//23%/P53552
 C-PLACE1009861//CATHEPSIN B-LIKE CYSTEINE PROTEINASE 6 PRECURSOR (EC 3.4.22.-).//6.50E-28//209aa//38%/P43510
 C-PLACE1009888
 35 C-PLACE1009925//Homo sapiens RNA helicase (RIG-I) mRNA, complete cds.//0//1730bp//99%/AF038963
 C-PLACE1009947
 C-PLACE1010069
 C-PLACE1010089//Homo sapiens mRNA for KIAA1097 protein, partial cds.//0//1554bp//100%/AB029020
 C-PLACE1010231//CELL SURFACE GLYCOPROTEIN EMR1 PRECURSOR (EMR1 HORMONE RECEPTOR).//5.10E-27//371aa//28%/Q14246
 40 C-PLACE1010270
 C-PLACE1010562
 C-PLACE1010579//Homo sapiens PTB domain adaptor protein CED-6 mRNA, complete cds.//9.30E-299//1362bp//99%/AF200715
 45 C-PLACE1010624
 C-PLACE1010628//Homo sapiens S164 gene, partial cds; PS1 and hypothetical protein genes, complete cds; and S171 gene, partial cds.//7.50E-08//324bp//64%/AF109907
 C-PLACE1010662//UDP-GLUCOSE:GLYCOPROTEIN GLUCOSYLTRANSFERASE PRECURSOR (EC 2.4.1.-) (DUGT).//1.80E-222//808aa//52%/Q09332
 50 C-PLAC.E1010702//ZINC FINGER PROTEIN 43 (ZINC PROTEIN HTF6).//5.20E-151//427aa//55%/P28160
 C-PLACE1010761
 C-PLACE1010802 C-PLACE1010833//CALTRACTIN (CENTRIN).//0.0000001//154aa//28%/P41209
 C-PLACE1010896//NUF1 PROTEIN (SPINDLE POLY BODY SPACER PROTEIN SPC110).//1.50E-25//583aa//23%/P35580
 55 C-PLACE1010916
 C-PLACE1010947
 C-PLACE1010965
 C-PLACE1011032

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C-PLACE1011041//Homo sapiens mRNA for BAP2-alpha protein, complete cds.//0//1701bp//97%//AB015019
 C-PLACE1011056//HISTONE H1, GONADAL.//6.80E-13//154aa//37%//P02256
 C-PLACE1011090//Homo sapiens mRNA; cDNA DKFZp586A0522 (from clone DKFZp586A0522).//0//880bp//
 5 99%//AL050159
 C-PLACE1011160//Homo sapiens HFB30 mRNA, complete cds.//0//1691bp//99%//AB022663
 C-PLACE1011214
 C-PLACE1011229//Homo sapiens ubiquitin-specific protease homolog (UPH) mRNA, complete cds.//2.30E-152//
 701bp//99%//AF153604
 C-PLACE1011273
 10 C-PLACE1011291
 C-PLACE1011310//MYOSIN HEAVY CHAIN, GIZZARD SMOOTH MUSCLE.//3.50E-20//496aa//25%//P10587
 C-PLACE1011371//INTER-ALPHA-TRYPSIN INHIBITOR HEAVY CHAIN H2 PRECURSOR (ITI HEAVY CHAIN
 H2).//1.70E-78//383aa//39%//Q61703
 C-PLACE1011503
 15 C-PLACE1011635//Homo sapiens heparan sulfate D-glucosaminyl 3-O-sulfotransferase-3B (30ST3B1) mRNA,
 complete cds.//0//1559bp//99%//AF105377
 C-PLACE1011646//Homo sapiens clone 25059 mRNA sequence.//5.00E-223//1035bp//99%//AF131752
 C-PLACE1011650
 C-PLACE1011675
 20 C-PLACE1011725
 C-PLACE1011749
 C-PLACE1011922//MYOSIN HEAVY CHAIN, NONMUSCLE TYPE B (CELLULAR MYOSIN HEAVY CHAIN, TYPE
 B) (NMMHC-B).//1.30E-15//409aa//27%//P35580
 C-PLACE1012031//Homo sapiens mRNA for KIAA0713 protein, partial cds.//0//1163bp//100%//AB018256
 25 C-PLACE2000006
 C-PLACE2000007//Homo sapiens mRNA for KIAA0913 protein, partial cds.//0//1968bp//97%//AB020720
 C-PLACE2000034//LAR PROTEIN PRECURSOR (LEUKOCYTE ANTIGEN RELATED) (EC 3.1.3.48).//2.20E-29//
 212aa//35%//P10586
 C-PLACE2000039//Rattus norvegicus cytoplasmic dynein heavy chain (MAP 1C), mRNA, complete cds.//4.60E-
 30 291//1167bp//89%//L08505
 C-PLACE2000061
 C-PLACE2000072//Homo sapiens ZNF202 beta (ZNF202) mRNA, complete cds.//0//3174bp//99%//AF027219
 C-PLACE2000097
 C-PLACE2000103
 35 C-PLACE2000115
 C-PLACE2000124
 C-PLACE2000140
 C-PLACE2000164//TIPD PROTEIN.//2.10E-59//481aa//33%//O15736
 C-PLACE2000176
 40 C-PLACE2000223
 C-PLACE2000235
 C-PLACE2000274//DYNEIN BETA CHAIN, CILIARY.//2.20E-167//880aa//37%//P23098
 C-PLACE2000302
 C-PLACE2000347
 45 C-PLACE2000359
 C-PLACE2000371//TENSIN.//2.90E-78//561aa//37%//Q04205
 C-PLACE2000379
 C-PLACE2000399//T-CELL SURFACE GLYCOPROTEIN E2 PRECURSOR (E2 ANTIGEN) (CD99) (MIC2 PRO-
 TEIN) (12E7).//1.60E-14//180aa//39%//P14209
 50 C-PLACE2000404//PROBABLE LEUCYL-TRNA SYNTHETASE (EC 6.1.1.4) (LEUCINE--TRNA LIGASE)
 (LEURS).//9.90E-229//821aa//54%//Q09996
 C-PLACE2000450
 C-PLACE2000455
 C-PLACE3000059//Mus musculus mRNA for ubiquitin conjugating enzyme.//0//1979bp//90%//Y17267
 55 C-PLACE3000070
 C-PLACE3000119
 C-PLACE3000121//VESICULAR TRAFFIC CONTROL PROTEIN SEC15.//1.90E-08//281 aa//22%//P22224
 C-PLACE3000136

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C-PLACE3000147//Homo sapiens metalloproteinase with thrombospondin type 1 motifs ADAMTS1 (ADAMTS1) mRNA, complete cds.//0//2043bp//99%//AF170084
 C-PLACE3000148
 5 C-PLACE3000155//Homo sapiens mRNA for KIAA0672 protein, complete cds.//2.10E-75//382bp//99%//AB014572
 C-PLACE3000160
 C-PLACE3000169//ZINC FINGER PROTEIN 135.//2.50E-90//358aa//47%//P52742
 C-PLACE3000194
 C-PLACE3000199
 10 C-PLACE3000218//Homo sapiens putative protein O-mannosyltransferase (POMT2) mRNA, complete cds.//0//1862bp//98%//AF105020
 C-PLACE3000230
 C-PLACE3000244//PROTEIN TSG24 (MEIOTIC CHECK POINT REGULATOR).//0//1435aay/92%//P53995
 C-PLACE3000254//Homo sapiens transcriptional activator SRCAP (SRCAP) mRNA, complete cds.//0//4583bp//83%//AF143946
 15 C-PLACE3000276
 C-PLACE3000310
 C-PLACE3000320
 C-PLACE3000331
 20 C-PLACE3000339//GLUCOAMYLASE S1/S2 PRECURSOR (EC 3.2.1.3) (GLUCAN 1,4-ALPHA- GLUCOSIDASE) (1,4-ALPHA-D-GLUCAN GLUCOHYDROLASE).//9.60E-08//359aa//23 %//P08640
 C-PLACE3000352
 C-PLACE3000353//Homo sapiens mRNA; cDNA DKFZp586H0623 (from clone DKFZp586H0623).//0//2456bp//99%//AL096739
 25 C-PLACE3000362
 C-PLACE3000365
 C-PLACE3000388
 C-PLACE3000413
 C-PLACE3000425
 30 C-PLACE4000009//MYOSIN HEAVY CHAIN, NONMUSCLE TYPE B (CELLULAR MYOSIN HEAVY CHAIN, TYPE B) (NMMHC-B).//2.90E-54//626aa//29%//P35580
 C-PLACE4000014//X-LINKED HELICASE II (X-LINKED NUCLEAR PROTEIN) (XNP).//3.10E-111//348aa//41%//P46100
 C-PLACE4000052//Homo sapiens ATP cassette binding transporter 1 (ABC1) mRNA, complete cds.//0//4661bp//99%//AF165281
 35 C-PLACE4000089
 C-PLACE4000128//Mus musculus putative transcription factor mRNA, complete cds.//1.60E-86//190aa//88%//AF091234
 C-PLACE4000129
 40 C-PLACE4000147
 C-PLACE4000192//ZINC FINGER PROTEIN 142 (KIAA0236) (HA4654).//7.00E-22//369aa//25%//P52746
 C-PLACE4000211//Homo sapiens TTF-I interacting peptide 5 mRNA, partial cds.//1.70E-262//1217bp//98%//AF000422
 C-PLACE4000222
 45 C-PLACE4000269//Homo sapiens mRNA for KIAA1067 protein, partial cds.//0//3787bp//99%//AB028990
 C-PLACE4000270
 C-PLACE4000300
 C-PLACE4000387
 C-PLACE4000392
 50 C-PLACE4000431//H.sapiens gene for U5 snRNP-specific 200kD protein.//0//5142bp//90%//Z70200
 C-PLACE4000450//Homo sapiens TTF-I interacting peptide 5 mRNA, partial cds.//2.70E-261//1217b.p//98%//AF000422
 C-PLACE4000465
 55 C-PLACE4000489//PROTEIN GRAINY-HEAD (DNA-BINDING PROTEIN ELF-1) (ELEMENT I-BINDING ACTIVITY) (TRANSCRIPTION FACTOR NTF-1).//5.70E-60//254aa//44%//P13002
 C-PLACE4000654//Mus musculus mRNA for ubiquitin conjugating enzyme.//0//6340bp//87%//Y17267
 C-SKNMC1000011//PUTATIVE IMPORTIN BETA-4 SUBUNIT (KARYOPHERIN BETA-4 SUBUNIT).//5.50E-35//431aa//29%//O60100

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C-SKNMC1000046//Homo sapiens liprin-alpha3 mRNA, partial cds.//1.90E-162//749bp//99%//AF034800
 C-SKNMC1000050//CALPAIN 2, LARGE [CATALYTIC] SUBUNIT (EC 3.4.22.17) (CALCIUM-ACTIVATED NEUTRAL PROTEINASE) (CANP) (M-TYPE).//3.20E-41//87aa//98%//P17655
 C-THYRO1000034//TRICHOHYALIN.//9.40E-10//176aa//30%//P37709
 5 C-THYRO1000070
 C-THYRO1000072//MYOSIN LIGHT CHAIN KINASE, SMOOTH MUSCLE AND NON-MUSCLE ISOZYMES (EC 2.7.1.117) (MLCK) [CONTAINS: TELOKIN].//3.40E-16//201aa//29%//P11799
 C-THYRO1000092
 C-THYRO1000121//Homo sapiens mRNA for KIAA1116 protein, complete cds.//0//2159bp//99%//AB029039
 10 C-THYRO1000124
 C-THYRO1000197//Homo sapiens mRNA for poly(A)-specific ribonuclease.//0//2362bp//99%//AJ005698
 C-THYRO1000199//Homo sapiens mRNA for KIAA0652 protein, complete cds.//0//1409bp//98%//AB014552
 C-THYRO1000206
 C-THYRO1000242//ZINC FINGER PROTEIN 84 (ZINC FINGER PROTEIN HPF2).//5.00E-118//239aa//66%//
 15 P51523
 C-THYRO1000253
 C-THYRO1000270
 C-THYRO1000288//Homo sapiens mRNA for Hs Ste24p, complete cds.//0//2161bp//99%//AB016068
 C-THYRO1000320
 20 C-THYRO1000358//SELENIUM-BINDING LIVER PROTEIN.//2.30E-229//237aa//79%//P17563
 C-THYRO1000368
 C-THYRO1000381
 C-THYRO1000387
 C-THYRO1000394//Homo sapiens peroxisomal membrane protein PMP 24 mRNA, complete cds.//1.20E-299//
 25 1325bp//99%//AF072864
 C-THYRO10003957//Homo sapiens actin-binding protein (IPP) mRNA, complete cds.//0//2092bp//99%//AF156857
 C-THYRO1000401
 C-THYRO1000488//Homo sapiens HFB30 mRNA, complete cds.//0//2254bp//100%//AB022663
 C-THYRO1000501//52 KD RO PROTEIN (SJOGREN SYNDROME TYPE A ANTIGEN (SS-A))(RO(SS-A)).//
 30 4.20E-98//408aa//42%//P19474
 C-THYRO1000558
 C-THYRO1000570
 C-THYRO1000605//Homo sapiens histone acetyltransferase (HBOa) mRNA, complete cds.//0//3080bp//99%//
 AF140360
 35 C-THYRO1000625
 C-THYRO1000637
 C-THYRO1000676
 C-THYRO1000684//Homo sapiens mRNA for KIAA0872 protein, complete cds.//0//2131bp//99%//AB020679
 C-THYRO1000712
 40 C-THYRO1000805
 C-THYRO1000815
 C-THYRO1000855
 C-THYRO1000934//PYRROLINE-5-CARBOXYLATE REDUCTASE (EC 1.5.1.2) (P5CR) (P5C REDUCTASE).//
 7.50E-57//315aa//43%//P32322
 45 C-THYRO1000988
 C-THYRO1001033//TRANSFORMATION-SENSITIVE PROTEIN IEF SSP 3521.//8.40E-12//167aa//29%//P31948
 C-THYRO1001120//Mus musculus FX-induced thymoma transcript (FXI-T1) mRNA, complete cds.//1.90E-92//
 1479bp//66%//U38252
 C-THYRO1001204//Homo sapiens cathepsin Z precursor (CTS2) gene, exons 4, 5, and 6 and complete cds; and
 50 TH1 gene partial sequence.//3.80E-100//478bp//99%//AF136276
 C-THYRO1001262
 C-THYRO1001271
 C-THYRO1001287//MANNOSYL-OLIGOSACCHARIDE ALPHA-1,2-MANNOSIDASE (EC 3.2.1.113) (MAN(9)-
 ALPHA-MANNOSIDASE) (FRAGMENT).//3.40E-51//429aa//33%//P45701
 55 C-THYRO1001313//Homo sapiens sorting nexin 11 (SNX11) mRNA, complete cds.//0//2330bp//94%//AF121861
 C-THYRO1001347
 C-THYRO1001363//Homo sapiens mRNA; cDNA DKFZp56400423 (from clone DKFZp56400423).//0//2173bp//
 99%//AL080120

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C-THYRO1001374//Homo sapiens mRNA for KIAA0707 protein, partial cds.//0//1700bp//99%//AB014607
 C-THYRO1001403
 C-THYRO1001405//PLECTIN.//6.90E-19//450aa//27%//P30427
 C-THYRO1001406//Homo sapiens steroid dehydrogenase homolog mRNA, complete cds.//0//1676bp//98%//
 5 AF078850
 C-THYRO1001426
 C-THYRO1001458//MYOSIN HEAVY CHAIN, NONMUSCLE TYPE B (CELLULAR MYOSIN HEAVY CHAIN, TYPE B) (NMMHC-B).//2.70E-171//559aa//59%//P35580
 C-THYRO1001480
 10 C-THYRO1001487
 C-THYRO1001584
 C-THYRO1001661
 C-THYRO1001746
 C-THYRO1001772
 15 C-THYRO1001854
 C-Y79AA1000013//Mus musculus RING finger protein A07 mRNA, complete cds.//8.90E-205//1435bp//81 %//
 AF171060
 C-Y79AA1000033//Homo sapiens CARD4 mRNA, complete cds.//0//2929bp//96%//AF126484
 C-Y79AA1000231//Homo sapiens nucleolar protein NOP5/NOP58 mRNA, complete cds.//0//1515bp//99%//
 20 AF123534
 C-Y79AA1000342//Homo sapiens Ciz1 mRNA, complete cds.//0//2644bp//81%//AB030835
 C-Y79AA1000349//M.musculus Spnr mRNA for RNA binding protein.//0//2048bp//93%//X84692
 C-Y79AA1000410
 C-Y79AA1000539
 25 C-Y79AA1000589//Homo sapiens clone 614 unknown mRNA, complete sequence.//1.00E-302//1375bp//99%//
 AF091080
 C-Y79AA1000802
 C-Y79AA1000827
 C-Y79AA1000966//Homo sapiens COP9 complex subunit 4 mRNA, complete cds.//0//1586bp//99%//AF100757
 30 C-Y79AA1000969
 C-Y79AA1000985//Human centrosomal protein kendrin mRNA, complete cds.//4.70E-151//985bp//87%//U52962
 C-Y79AA1001061
 C-Y79AA1001068
 C-Y79AA1001216
 35 C-Y79AA1001299//Homo sapiens mRNA for integrase interactor 1b protein (INI1B).//0//996bp//99%//AJ011738
 C-Y79AA1001511
 C-Y79AA1001594//HYALURONAN-MEDIATED MOTILITY RECEPTOR (HYALURONIC ACID RECEPTOR).//
 2.50E-14//410aa//24%//Q00547
 C-Y79AA1001692//Mus musculus strain C57BL/J germ cell-less protein (Gcl) mRNA, complete cds.//1.40E-78//
 40 227aa//40%//Q01820
 C-Y79AA1001866//Homo sapiens zinc finger protein ZNF180 (ZNF180) mRNA, complete cds.//0//2927bp//97%//
 AF192913
 C-Y79AA1001874//OX40L RECEPTOR PRECURSOR (ACT35 ANTIGEN) (TAX-TRANSCRIPTIONALLY ACTI-
 VATED GLYCOPROTEIN 1 RECEPTOR) (CD134 ANTIGEN).//4.50E-08//135aa//31%//P43489
 45 C-Y79AA1002139//DNAJ PROTEIN HOMOLOG 1 (DROJ1).//9.00E-17//120aa//45%//Q24133
 C-Y79AA1002210//YTUMOR NECROSIS FACTOR, ALPHA-INDUCED PROTEIN 1, ENDOTHELIAL (B12 PRO-
 TEIN).//0.0000018//140aa//25%//Q13829
 C-Y79AA1002211//PHOSPHATIDYLETHANOLAMINE-BINDING PROTEIN HOMOLOG F40A3.3.//1.70E-17//
 146aa//35%//016264
 50 C-Y79AA1002220
 C-Y79AA1002234//Homo sapiens mRNA for KIAA0692 protein, partial cds.//0//3168bp//99%//AB014592
 C-Y79AA1002258//Homo sapiens mRNA for HIP1R, complete cds.//0//2106bp//99%//AB013384
 C-Y79AA1002361//Rattus norvegicus mRNA for protein phosphatase 1 (GL-subunit).//6.90E-140//966bp//82%//
 Y18208
 55 C-Y79AA1002399//Homo sapiens mRNA for sperm protein.//0//1163bp//95%//X91879
 C-Y79AA1002416//Mus musculus CTP synthetase homolog (CTPsH) mRNA, complete cds.//3.9e-317//1902bp//
 86%//U49385
 C-Y79AA1002431//TRANSDUCIN-LIKE ENHANCER PROTEIN 2 (ESG2).//9.80E-62//318aa//35%//Q04725

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C-Y79AA1002482//ZINC FINGER PROTEIN 91 (ZINC FINGER PROTEIN HTF10) (HPF7).//2.70E-137//340aa//
 51%//Q05481
 C-Y79AA1002487//Homo sapiens chromosome 5 F-box protein Fbx4 (FBX4) mRNA, complete cds.//7.3e-310//
 1444bp//98%//AF129534
 5 C-HEMBA1000290
 C-HEMBA1000459
 C-HEMBA1000505
 C-HEMBA1001196//Human DNA topoisomerase II (top2) mRNA, complete cds.//1.60E-268//1213bp//100%//
 J04088
 10 C-HEMBA1002503
 C-HEMBA1002508
 C-HEMBA1002513//Homo sapiens mRNA for histone deacetylase-like protein (JM21).//0//2432bp//99%//
 AJ011972
 C-HEMBA1003480
 15 C-HEMBA1003538//COMPLEMENT C1R COMPONENT PRECURSOR (EC 3.4.21.41).//2.40E-110//242aa//
 58%//P00736
 C-HEMBA10036451//TTPD PROTEIN.//2.40E-10//289aa//23%//015736
 C-HEMBA1003646//Homo sapiens mRNA for KIAA1013 protein, partial cds.//0//3049bp//99%//AB023230
 C-HEMBA1003667
 20 C-HEMBA1003679//SIALIDASE (EC 3.2.1.18) (NEURAMINIDASE) (NA) (MAJOR SURFACE ANTIGEN).//1.00E-
 09//611aa//22%//P23253
 C-HEMBA1003827
 C-HEMBA1003838
 C-HEMBA1004055
 25 C-HEMBA1004056
 C-HEMBA1004086
 C-HEMBA1004335
 C-HEMBA1004353//C-MYC BINDING PROTEIN MM-1.//3.00E-71//89aa//96%//Q99471
 C-HEMBA1004479//HYPOXIA-INDUCIBLE FACTOR 1 ALPHA (HIF-1 ALPHA) (ARNT INTERACTING PRO-
 30 TEIN).//3.10E-51//152aa//40%//Q61221
 C-HEMBA1004499//Homo sapiens delta-tubulin mRNA, complete cds.//3.40E-92//483bp//95%//AF201333
 C-HEMBA1004507
 C-HEMBA1004638
 C-HEMBA1004669//SON PROTEIN (SON3).//7.30E-17//288aa//36%//P18583
 35 C-HEMBA1004709
 C-HEMBA1004860
 C-HEMBA1005206//Drosophila simulans anon73B1 gene and Su(P) gene.//1.90E-11//376bp//63%//AJ250308
 C-HEMBA1005472
 C-HEMBA1005513//MALES-ABSENT ON THE FIRST PROTEIN (EC 2.3.1.-).//1.90E-129//332aa//61%//002193
 40 C-HEMBA1005572
 C-HEMBA1005780
 C-HEMBA1005990//Homo sapiens I-1 receptor candidate protein mRNA, complete cds.//0//2371bp//100%//
 AF082516
 C-HEMBA1006038//LAMININ ALPHA-5 CHAIN (FRAGMENT).//3.10E-33//81aa//64%//Q61001
 45 C-HEMBA1006124
 C-HEMBA1006461
 C-HEMBA1006521//3-OXOACYL-[ACYL-CARRIER PROTEIN] REDUCTASE (EC 1.1.1.100) (3-KETOACYL-
 ACYL CARRIER PROTEIN REDUCTASE).//4.00E-33//177aa//42%//P25716
 C-HEMBA1006617
 50 C-HEMBA1006650//ARP2/3 COMPLEX 20 KD SUBUNIT (P20-ARC).//9.00E-40//113aa//82%//015509
 C-HEMBA1006779
 C-HEMBA1006796
 C-HEMBA1006812
 C-HEMBA1006914//Human anthracycline-associated resistance ARX mRNA, complete cds.//0//1837bp//99%//
 55 U35832
 C-HEMBA1007174//Homo sapiens mRNA for KIAA1065 protein, complete cds.//0//1079bp//97%//AB028988
 C-HEMBA1000240
 C-HEMBA1000264//CHL1 PROTEIN.//9.50E-19//104aa//45%//P22516

C-HEMBB1000335
 C-HEMBB1000337
 C-HEMBB1000554
 C-HEMBB1000573
 5 C-HEMBB1000749
 C-HEMBB1000774
 C-HEMBB1000835
 C-HEMBB1001197
 C-HEMBB1001315
 10 C-HEMBB1001482//ZINC FINGER PROTEIN 91 (ZINC FINGER PROTEIN HTF10) (HPF7)//2.10E-57//941aa//
 27%//Q05481
 C-HEMBB1001500
 C-HEMBB1001562//CYLICIN II (MULTIPLE-BAND POLYPEPTIDE II)//1.40E-06//373aa//21%//Q28092
 C-HEMBB1001619
 15 C-HEMBB1001630
 C-HEMBB1001665
 C-HEMBB1001684//Homo sapiens mRNA for KIAA1108 protein, partial cds.//0//2348bp//99%//AB029031
 C-HEMBB1001812
 C-HEMBB1001834
 20 C-HEMBB1001869
 C-HEMBB1001871//BONE/CARTILAGE PROTEOGLYCAN I PRECURSOR (BIGLYCAN) (PG-S 1)//5.40E-75//
 241aa//48%//P47853
 C-HEMBB1001872//CELL SURFACE GLYCOPROTEIN EMR1 PRECURSOR (EMR1 HORMONE RECEPTOR),
 (CELL SURFACE GLYCOPROTEIN F4/80)//1.90E-22//210aa//27%//Q61549
 25 C-HEMBB1001905//TRICHOHYALIN.//2.10E-10//268aa//27%//P37709
 C-HEMBB1001908//Human monocytic leukaemia zinc finger protein (MOZ) mRNA, complete cds.//1.60E-131//
 874bp//86%//U47742
 C-HEMBB1001915//UBIQUITIN CARBOXYL-TERMINAL HYDROLASE 64E (EC 3.1.2.15) (UBIQUITIN THI-
 OLESTERASE 64E) (UBIQUITIN-SPECIFIC PROCESSING PROTEASE 64E) (DEUBIQUITINATING ENZYME
 30 64E)//6.90E-132//561aa//50%//Q24574
 C-HEMBB1001925
 C-HEMBB1002044//Mus musculus mRNA for vascular cadherin-2.//0//3562bp//81%//Y08715
 C-HEMBB1002134//ZINC-FINGER PROTEIN NEURO-D4.//8.10E-56//176aa//67%//P56163
 C-HEMBB1002152
 35 C-HEMBB1002300
 C-HEMBB1002381
 C-HEMBB1002383
 C-HEMBB1002534
 C-MAMMA1000143
 40 C-MAMMA1000183//ZINC FINGER PROTEIN 84 (ZINC FINGER PROTEIN HPF2)//3.40E-134//359aa//63%//
 P51523
 C-MAMMA1000227
 C-MAMMA1000257
 C-MAMMA1000264
 45 C-MAMMA1000270
 C-MAMMA1000279
 C-MAMMA1000372
 C-MAMMA1000559
 C-MAMMA1000752
 50 C-MAMMA1000760
 C-MAMMA1000778
 C-MAMMA1000855
 C-MAMMA1000859
 C-MAMMA1000897//INTER-ALPHA-TRYPSIN INHIBITOR HEAVY CHAIN H3 PRECURSOR (ITI HEAVY CHAIN
 55 H3) (SERUM-DERIVED HYALURONAN-ASSOCIATED PROTEIN) (SHAP)//1.00E-141//576aa//37%//Q06033
 C-MAMMA1000940
 C-MAMMA1001073
 C-MAMMA1001080//Homo sapiens SNC73 protein (SNC73) mRNA, complete cds.//1.6e-312//1596bp//94%//

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AF067420
 C-MAMMA10011987/Homo sapiens eps15RmRNA, partial cds.//0//2253bp//99%//AB015346
 C-MAMMA1001202
 C-MAMMA1001222//EBNA-2 NUCLEAR PROTEIN.//6.60E-09//255aa//29%//P12978
 5 C-MAMMA1001252
 C-MAMMA1001296
 C-MAMMA1001502
 C-MAMMA1001630
 C-MAMMA1001633//ZINC FINGER PROTEIN 165.//6.30E-39//160aa//55%//P49910
 10 C-MAMMA1001683
 C-MAMMA1001715
 C-MAMMA1001730//Homo sapiens brain and nasopharyngeal carcinoma susceptibility protein NSG-x mRNA, partial cds.//0//1603bp//99%//AF095687
 C-MAMMA1001760
 15 C-MAMMA1001769
 C-MAMMA1001785
 C-MAMMA1001848
 C-MAMMA1001874
 C-MAMMA1001956
 20 C-MAMMA1002009
 C-MAMMA1002033
 C-MAMMA1002155
 C-MAMMA1002498
 C-MAMMA1002545
 25 C-MAMMA1002571
 C-MAMMA1002573//GLUCOAMYLASE S1/S2 PRECURSOR (EC 3.2.1.3)(GLUCAN 1,4-ALPHA- GLUCOSIDASE) (1,4-ALPHA-D-GLUCAN GLUCOHYDROLASE).//2.60E-19//666aa//23%//P08640
 C-MAMMA1002590
 C-MAMMA1002617//ZINC FINGER PROTEIN 135.//7.60E-89//252aa//57%//P52742
 30 C-MAMMA1002618
 C-MAMMA1002636
 C-MAMMA1002646
 C-MAMMA1002665
 C-MAMMA1002708
 35 C-MAMMA1002728
 C-MAMMA1002744
 C-MAMMA1002764
 C-MAMMA1002765
 C-MAMMA1002830
 40 C-MAMMA1002844//TRIOSE PHOSPHATE/PHOSPHATE TRANSLOCATOR, NON-GREEN PLASTID PRECURSOR (CTPT).//4.90E-10//334aa//22%//P52178
 C-MAMMA100285 8//Rat cMG1 mRNA.//3.70E-238//1147bp//92%//X52590
 C-MAMMA1002880
 C-MAMMA1002892
 45 C-MAMMA1002909
 C-MAMMA1002941
 C-MAMMA1002947
 C-MAMMA1002972//VACUOLAR PROTEIN SORTING-ASSOCIATED PROTEIN VPS27.//1.10E-05//69aa//42%//P40343
 50 C-MAMMA1002973
 C-MAMMA1002987
 C-MAMMA1003003
 C-MAMMA1003026//Homo sapiens HSPC057 mRNA, complete cds.//0//1773bp//98%//AF161542
 C-MAMMA1003031
 55 C-MAMMA1003089
 C-NT2RM1000092//MULTIDRUG RESISTANCE PROTEIN 2 (MULTIDRUG-EFFLUX TRANSPORTER 2).//1.00E-07//362aa//23%//P39843
 C-NT2RM1000272

C-NT2RM1000341
 C-NT2RM1000539//Homo sapiens mRNA for Lsm5 protein.//3.00E-158//733bp//99%//AJ238097
 C-NT2RM1000553//Homo sapiens putative glycolipid transfer protein mRNA, complete cds.//3.40E-177//814bp//
 99%//AF103731
 5 C-NT2RM1000623//RIBONUCLEASE INHIBITOR.//4.40E-21//372aa//30%//P10775
 C-NT2RM1000702//PUTATIVE SERINE/THREONINE-PROTEIN KINASE PKWA (EC 2.7.1.-).//5.60E-08//187aa//
 27%//P49695
 C-NT2RM1000833//Homo sapiens sec61 homolog mRNA, complete cds.//0//3541bp//99%//AF084458
 C-NT2RM1000883//Homo sapiens I-1 receptor candidate protein mRNA, complete cds.//0//5107bp//99%//
 10 AF082516
 C-NT2RM1001082
 C-NT2RM1001112
 C-NT2RM2001105//Drosophila melanogaster eyelid (eld) mRNA, complete cds.//1.20E-28//805bp//61%//
 AF053091
 15 C-NT2RM2001360//Homo sapiens clone C40 unknown mRNA.//1.00E-250//1136bp//100%//AF103798
 C-NT2RM2001797//Homo sapiens mRNA; cDNA DKFZp572C163 (from clone DKFZp572C163); partial cds.//0//
 2300bp//100%//AL110217
 C-NT2RM2001803//Homo sapiens I kappa B kinase cbmplex associated protein (IKAP) mRNA, complete cds.//0//
 2249bp//99%//AF044195
 20 C-NT2RM4002504
 C-NT2RP1000409
 C-NT2RP1000460//Homo sapiens mRNA for KIAA1068 protein, partial cds.//0//3199bp//99%//AB028991
 C-NT2RP1000746//Homo sapiens 60S acidic ribosomal protein PO mRNA, complete cds.//9.70E-196//901bp//
 99%//AF173378
 25 C-NT2RP1000796
 C-NT2RP1001013//ZINC FINGER PROTEIN 83 (ZINC FINGER PROTEIN HPF1).//7.70E-253//425aa//98%//
 P51522
 C-NT2RP2001214
 C-NT2RP2001233//ZINC FINGER PROTEIN 91 (ZINC FINGER PROTEIN HTF10) (HPF7).//2.00E-128//409aa//
 30 45%//Q05481
 C-NT2RP2001440//Homo sapiens mRNA for 14-3-3gamma, complete cds.//0//3712bp//99%//AB024334
 C-NT2RP2002056
 C-NT2RP2002105//H.sapiens MSH-R gene for melanocyte stimulating hormone receptor.//0//1644bp//98%//
 X65634
 35 C-NT2RP2002333
 C-NT2RP2002677
 C-NT2RP2002755
 C-NT2RP2002843
 C-NT2RP2003101
 40 C-NT2RP2003668
 C-NT2RP2003799
 C-NT2RP2004095
 C-NT2RP2004300
 C-NT2RP2004675
 45 C-NT2RP2004920//TRANSCRIPTIONAL REGULATOR ATRX (X-LINKED NUCLEAR PROTEIN) (HETERO-
 CHROMATIN PROTEIN 2) (HP1 ALPHA-INTERACTING PROTEIN) (HP1-BP38 PROTEIN).//4.20E-09//804aa//
 22%//Q61687
 C-NT2RP2005144//Homo sapiens tubby like protein 3 (TULP3) mRNA, complete cds.//2.10E-308//1437bp//98%//
 AF045583
 50 C-NT2RP2005719//GPI-ANCHORED PROTEIN P137.//4.00E-14//99aa//43%//Q14444
 C-NT2RP2005726
 C-NT2RP2005776//POLY(A) POLYMERASE TYPE 2 (EC 2.7.7.19) (PAP) (POLYNUCLEOTIDE ADENYLYL-
 TRANSFERASE).//4.40E-55//358aa//42%//P51005
 C-NT2RP2005980
 55 C-NT2RP2006184//Homo sapiens mRNA for KIAA0918 protein, partial cds.//0//4235bp//99%//AB020725
 C-NT2RP2006534//5'-AMP-ACTIVATED PROTEIN KINASE, CATALYTIC ALPHA-1 CHAIN (EC 2.7.1.-) (AMPK
 ALPHA-1 CHAIN) (FRAGMENT).//3.20E-11//32aa//96%//Q13131
 C-NT2RP2006554

C-NT2RP3000584
 C-NT2RP3001115
 C-NT2RP3001723//Homo sapiens cell recognition molecule Caspr2 (CASPR2) mRNA, complete cds//1.40E-58//
 1138bp//63%//AF193613
 5 C-NT2RP3001938//SPORULATION-SPECIFIC PROTEIN 1 (EC 2.7.1.-)//1.30E-22//227aa//33%//P08458
 C-NT2RP3002330//Homo sapiens eRFS mRNA, complete cds//0//2443bp//99%//U87791
 C-NT2RP3002402
 C-NT2RP3002484//Homo sapiens mRNA for KIAA0998 protein, partial cds//1.20E-124//597bp//98%//AB023215
 C-NT2RP3002512
 10 C-NT2RP3002713
 C-NT2RP3002770//MYELOID DIFFERENTIATION PRIMARY RESPONSE PROTEIN MYD116//1.00E-07//70aa//
 41%//P17564
 C-NT2RP3002799
 C-NT2RP3002810//HISTIDINE-RICH PROTEIN KE4//2.20E-10//260aa//26%//Q31125
 15 C-NT2RP3002818//INSERTION ELEMENT IS2A HYPOTHETICAL 48.2 KD PROTEIN//5.70E-226//303aa//97%//
 P51026
 C-NT2RP3002955
 C-NT2RP3002985
 C-NT2RP3003059//Rattus norvegicus potassium channel regulator 1 mRNA, complete cds//3.80E-152//1007bp//
 20 82%//U78090
 C-NT2RP3003121
 C-NT2RP3003133//Homo sapiens ZK1 mRNA for Kruppel-type zinc finger protein, complete cds//0//1998bp//
 91%//AB011414
 C-NT2RP3003138//Homo sapiens kinesin superfamily motor KIF4 mRNA, complete cds//0//2159bp//98%//
 25 AF071592
 C-NT2RP3003155
 C-NT2RP3003157
 C-NT2RP3003185//TROPOMYOSIN 1, FUSION PROTEIN 33//2.80E-06//402aa//23%//P49455
 C-NT2RP3003264
 30 C-NT2RP3003346
 C-NT2RP3003403
 C-NT2RP3003411//Mus musculus COP9 complex subunit 7b (COPS7b) mRNA, complete cds//6.30E-270//
 743bp//90%//AF071317
 C-NT2RP3003500//SCY1 PROTEIN//9.20E-27//601aa//23%//P53009
 35 C-NT2RP3003572
 C-NT2RP3003576
 C-NT2RP3003665//Homo sapiens mRNA for beta-ureidopropionase, complete cds//0//1690bp//99%//AB013885
 C-NT2RP3003672//T-CELL SURFACE GLYCOPROTEIN E2 PRECURSOR (E2 ANTIGEN) (CD99) (MIC2 PRO-
 TEIN) (12E7)//2.20E-13//146aa//42%//P14209
 40 C-NT2RP3003680//Homo sapiens mRNA; cDNA DKFZp434J154 (from clone DKFZp434J154); complete cds//0//
 2047bp//95%//AL080155
 C-NT2RP3003799//Rattus norvegicus Srg1 (Sytr1) mRNA, complete cds//9.00E-238//1529bp//84%//U71294
 C-NT2RP3003800//Rattus norvegicus tyrosine protein kinase pp60-c-src mRNA, complete cds//1.90E-163//
 924bp//89%//AF130457
 45 C-NT2RP3003828
 C-NT2RP3003932
 C-NT2RP3003992//Homo sapiens mRNA; cDNA DKFZp564C186 (from clone DKFZp564C186)//0//2739bp//
 99%//AL050019
 C-NT2RP3004013//M.musculus Spnr mRNA for RNA binding protein//6.50E-240//1215bp//94%//X84692
 50 C-NT2RP3004028
 C-NT2RP3004041
 C-NT2RP3004051
 C-NT2RP3004078//H.sapiens HRFX2 mRNA//0//1806bp//99%//X76091
 C-NT2RP3004093
 55 C-NT2RP3004095
 C-NT2RP3004125//Mus musculus zinc finger protein splice variant FIZ1-B (Fiz1) mRNA, complete cds//4.60E-
 229//1560bp//78%//AF126747
 C-NT2RP3004148//GLUCOAMYLASE S1/S2 PRECURSOR (EC 3.2.1.3) (GLUCAN 1,4-ALPHA- GLUCOSI-

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DASE) (1,4-ALPHA-D-GLUCAN GLUCOHYDROLASE) //7.90E-05//271aa//22%//P08640
 C-NT2RP3004155//Homo sapiens COQ7 protein mRNA, complete cds.//1.10E-179//823bp//100%//AF098948
 C-NT2RP3004189//VEGETATIBLE INCOMPATIBILITY PROTEIN HET-E-1.J//1.30E-14//242aa//24%//Q00808
 C-NT2RP3004332
 5 C-NT2RP3004349
 C-NT2RP3004470
 C-NT2RP4000035
 C-NT2RP4000049
 C-NT2RP4000102
 10 C-NT2RP4000167
 C-NT2RP4000515
 C-NT2RP4000517
 C-NT2RP4000519
 C-NT2RP5003512//Homo sapiens mRNA for KIAA1291 protein, partial cds.//0//1980bp//99%//AB033117
 15 C-OVARC1000092
 C-OVARC1000533
 C-OVARC1000678
 C-OVARC1000689//Homo sapiens mRNA; cDNA DKFZp434C1415 (from clone DKFZp434C1415); partial cds.//
 0//2032bp//99%//AL133014
 20 C-OVARC1000802
 C-OVARC1000890
 C-OVARC1000891
 C-OVARC1000945//Rattus norvegicus mRNA for atypical PKC specific binding protein, complete cds.//0//1961bp//
 82%//AB005549
 25 C-OVARC1001072
 C-OVARC1001117
 C-OVARC1001200//Mus musculus mRNA for HS1 binding protein 3.//5.80E-88//658bp//80%//AJ132192
 C-OVARC1001244//H.sapiens mRNA for Drosophila female sterile homeotic (FSH) homologue.//0//1467bp//99%//
 X62083
 30 C-OVARC1001329
 C-OVARC1001341
 C-OVARC1001376
 C-OVARC1001496//Homo sapiens C-terminal binding protein 2 mRNA, complete cds.//0//1876bp//98%//
 AF016507
 35 C-OVARC1001873
 C-PLACE1000007//PROBABLE UBIQUITIN CARBOXYL-TERMINAL HYDROLASE R10E11.3 (EC 3.1.2.15)
 (UBIQUITIN THIOLESTERASE) (UBIQUITIN-SPECIFIC PROCESSING PROTEASE) (DEUBIQUITINATING EN-
 ZYME) //1.60E-81//212aa//70%//P34547
 C-PLACE1000547//Homo sapiens GDP-mannose pyrophosphorylase B (GMPPB) mRNA, complete cds.//3.70E-
 40 241//1124bp//98%//AF135421
 C-PLACE1001036//Homo sapiens mRNA for KIAA1017 protein, complete cds.//0//2117bp//99%//AB023234
 C-PLACE1001076
 C-PLACE1001118//ZINC FINGER PROTEIN 135//5.40E-147//443aa//57%//P52742
 C-PLACE1001366
 45 C-PLACE1001545
 C-PLACE1001608
 C-PLACE1002004
 C-PLACE1002256
 C-PLACE1002437//ATP-BINDING CASSETTE TRANSPORTER 1.//4.50E-76//180aa//83%//P41233
 50 C-PLACE1002591//CORONIN-LIKE PROTEIN P57.//4.40E-70//208aa//66%//P31146
 C-PLACE1002665//Mus musculus enhancer of polycomb (Epc1) mRNA, complete cds.//0//2462bp//89%//
 AF079765
 C-PLACE1003383
 C-PLACE1003864
 55 C-PLACE1004793//RETROVIRUS-RELATED ENV POLYPROTEIN.//5.20E-47//577aa//25%//P10267
 C-PLACE1004913
 C-PLACE1004979
 C-PLACE1005052//Homo sapiens CGI-16 protein mRNA, complete cds.//6.6e-313//1413bp//99%//AF132950

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C-PLACE1005055//Homo sapiens mRNA for KIAA0576 protein, partial cds.//0//2431bp//99%//AB011148
 C-PLACE1005128
 C-PLACE1005162
 5 C-PLACE1005176//Homo sapiens hypothalamus protein HT001 mRNA, complete cds.//3.90E-212//1040bp//
 96%//AF113539
 C-PLACE1005467//PENICILLIN-BINDING PROTEIN 4* (PBP 4*) (PBP 4A)//1.10E-09//93aa//31%//P32959
 C-PLACE1005549//Homo sapiens mRNA for Rho guanine nucleotide-exchange factor, splice variant NET1A.//
 7.60E-97//1287bp//67%//AJ010046
 10 C-PLACE1005584//TRANS-ACTING TRANSCRIPTIONAL PROTEIN ICP0 (P135 PROTEIN) (IER 2.9/ER2.6)//
 6.80E-09//267aa//30%//P29128
 C-PLACE1005611//Mus musculus mRNA for mDjI, complete cds.//2.00E-33//379bp//66%//AB028860
 C-PLACE1005802
 C-PLACE1005850
 C-PLACE1005898
 15 C-PLACE1005932
 C-PLACE1006129//Homo sapiens HSPC057 mRNA, complete cds.//0//2849bp//98%//AF161542
 C-PLACE1006360
 C-PLACE1006795
 20 C-PLACE1006878//TRNA-SPUCING ENDONUCLEASE SUBUNIT SEN2 (EC 3.1.27.9) (TRNA-INTRON ENDO-
 NUCLEASE)//1.90E-08//122aa//36%//P16658
 C-PLACE1007557
 C-PLACE1007807
 C-PLACE1008181
 C-PLACE1008426//Homo sapiens mRNA for KIAA1288 protein, partial cds.//0//3311bp//99%//AB033114
 25 C-PLACE1008455
 C-PLACE1008941
 C-PLACE1009935
 C-PLACE1010310//SPIDROIN 2 (DRAGLINE SILK FIBROIN 2) (FRAGMENT)//1.20E-18//467aa//30%//P46804
 C-PLACE1011891
 30 C-PLACE10118967//Mus musculus Wnt10a mRNA, complete cds.//2.60E-287//1820bp//85%//U61969
 C-PLACE2000003
 C-PLACE2000132
 C-PLACE2000170
 C-PLACE2000335
 35 C-PLACE3000124
 C-PLACE3000158
 C-PLACE3000207
 C-PLACE3000221
 C-PLACE3000271
 40 C-PLACE3000304
 C-PLACE3000322
 C-PLACE3000341
 C-PLACE3000373
 C-PLACE3000399
 45 C-PLACE3000401
 C-PLACE3000402
 C-PLACE3000406
 C-PLACE3000475
 50 C-PLACE4000063//GLUCOAMYLASE S1/S2 PRECURSOR (EC 3.2.1.3) (GLUCAN 1,4-ALPHA- GLUCOSI-
 DASE) (1,4-ALPHA-D-GLUCAN GLUCOHYDROLASE)//1.70E-15//740aa//23%//P08640
 C-PLACE4000093
 C-PLACE4000100//Homo sapiens hydroxypyruvate reductase (GRHPR) gene, complete cds.//0//4199bp//97%//
 AF146689
 55 C-PLACE4000131//Homo sapiens mRNA; cDNA DKFZp586J0917 (from clone DKFZp586J0917); partial cds.//0//
 1612bp//97%//AL117455
 C-PLACE4000247
 C-PLACE4000250
 C-PLACE4000252

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C-PLACE4000259//H.sapiens gene for U5 snRNP-specific 200kD protein.//0//5143bp//90%//Z70200
 C-PLACE4000261//PEREGRIN (BR140 PROTEIN).//9.50E-10//128aa//34%//P55201
 C-PLACE4000320
 C-PLACE4000344
 5 C-PLACE4000367
 C-PLACE4000401//ACETYL-COENZYME A SYNTHETASE (EC 6.2.1.1) (ACETATE--COA LIGASE) (ACYL- AC-
 TIVATING ENZYME).//7.20E-22//54aa//62%//Q01576
 C-PLACE4000411//Homo sapiens mRNA; cDNA DKFZp586D0624 (from clone DKFZp586D0624); partial cds.//
 0//2159bp//98%//AL117654
 10 C-PLACE4000487
 C-PLACE4000494
 C-PLACE4000521
 C-PLACE4000548//Homo sapiens mRNA for KIAA0947 protein, partial cds.//0//4864bp//99%//AB023164
 C-SKNMC1000013//Homo sapiens ATP-binding cassette protein M-ABC1 mRNA, nuclear gene encoding mito-
 15 chondrial protein, complete cds.//0//2384bp//99%//AF047690
 C-SKNMC1000091//Homo sapiens mRNA for leucine-zipper protein, complete cds.//6.10E-190//872bp//99%//
 AB021663
 C-THYRO1000343//Homo sapiens mRNA for KIAA0790 protein, partial cds.//0//3711bp//99%//AB018333
 C-THYRO1000569//Mus musculus hematopoietic zinc finger protein mRNA, complete cds.//0//1557bp//91%//
 20 AF118566
 C-THYRO1001142
 C-THYRO1001189//ZINC FINGER PROTEIN 91 (ZINC FINGER PROTEIN HTF10) (HPF7).//1.10E-200//546aa//
 62%//005481
 C-THYRO1001320
 25 C-THYRO1001537//Homo sapiens mRNA; cDNA DKFZp586A0522 (from clone DKFZp586A0522); partial cds.//
 0//1010bp//98%//AL050159
 C-THYRO1001602
 C-THYRO1001721//RING CANAL PROTEIN (KELCH PROTEIN).//9.30E-34//220aa//38%//Q04652
 C-THYRO1001828
 30 C-Y79AA1000346//Homo sapiens nonclathrin coat protein gamma2-COP mRNA, complete cds.//0//2520bp//99%//
 AF157833
 C-Y79AA1001167
 C-Y79AA1001384//Homo sapiens very large G-protein coupled receptor-1 (VLGR1) mRNA, complete cds.//0//
 4708bp//99%//AF055084
 35 C-Y79AA1001875//RAS-RELATED PROTEIN RAB-7.//9.40E-12//34aa//97%//P51149
 C-Y79AA1002103//ZINC FINGER PROTEIN ZFP-36 (FRAGMENT).//3.00E-257//549aa//76%//P16415
 C-HEMBA1006092
 C-HEMBA1006406
 C-HEMBB1000790
 40 C-HEMBB1000917
 C-HEMBB1002280
 C-MAMMA1000802
 C-MAMMA1001322//B-CELL GROWTH FACTOR PRECURSOR (BCGF-12 KD).//0.000000017//46aa//60%//
 P20931
 45 C-MAMMA1002597
 C-MAMMA1002868
 C-NT2RP2003161
 C-NT2RP2003339
 C-NT2RP3001282
 50 C-PLACE1001761
 C-PLACE1004491
 C-PLACE1004686
 C-PLACE1005574
 C-PLACE1006382
 55 C-PLACE1006792
 C-PLACE3000455
 C-PLACE4000230//Mus musculus semaphorin VIa mRNA, complete cds.//0//2567bp//88%//AF030430
 C-THYRO1000916

C-HEMBA1000327
 C-HEMBA1000637
 C-HEMBA1001967
 C-MAMMA1000266
 5 C-NT2RP2002979
 C-PLACE1007866
 C-PLACE3000350//SERINE/THREONINE-PROTEIN KINASE PAK-GAMMA (EC 2.7.1.-) (GAMMA-PAK)
 (P21-ACTIVATED KINASE 2) (PAK-2) (PAK65) (S6/H4 KINASE).//9.80E-25//155aa//45%//Q13177
 C-PLACE4000156//ZINC FINGER PROTEIN 132.//7.10E-151//476aa//46%//P52740
 10 C-THYRO1001637
 C-MAMMA1002215
 C-MAMMA1002721
 C-NT2RP2002070

15 Homology search result 14.

[0334] Data obtained by the homology search for full-length nucleotide sequences and deduced amino acid sequences. In the result of the search shown below, both units, aa and bp, are used as length units for the sequences to be compared. Each data includes Clone name, Definition in matching data, P value, Length of sequence to be compared, Homology, and Accession number (No.) of matching data. These items are shown in this order, separated by a double-slash mark, //.

C-HEMBA1000005//DNAJ PROTEIN HOMOLOG MTJ1.//1.90E-250//554aa//85%//O61712
 C-HEMBA1000012//PROBABLE LEUCYL-TRNA SYNTHETASE (EC 6.1.1.4) (LEUCINE--TRNA LIGASE)
 25 (LEURS).//6.40E-99//457aa//45%//Q09996
 C-HEMBA1000020//Homo sapiens beta 2 gene.//7.50E-264//1194bp//95%//X02344
 C-HEMBA1000030//Homo sapiens ARF GTPase-activating protein GIT1 mRNA, complete cds.//0//1759bp//99%//
 AF124490
 C-HEMBA1000129//HYPOTHETICAL HEUCASE C8A4.08C IN CHROMOSOME I.//3.80E-25//166aa//36%//
 30 Q09884
 C-HEMBA1000141//Homo sapiens SUMO-1-specific protease (SSP1) mRNA, complete cds.//0//1135bp//100%//
 AF196304
 C-HEMBA1000150//Homo sapiens putative RNA helicase mRNA, complete cds.//5.20E-213//525bp//99%//
 AF085356
 35 C-HEMBA1000156//NEUROFILAMENT TRIPLET M PROTEIN (160 KD NEUROFILAMENT PROTEIN) (NF-M).//
 1.90E-12//368aa//24%//P08553
 C-HEMBA1000158//HEPATOCTE NUCLEAR FACTOR 3-GAMMA (HNF-3G).//5.00E-16//166aa//36%//P35584
 C-HEMBA1000168//CYLICIN I (MULTIPLE-BAND POLYPEPTIDE D.//2.90E-14//303aa//25%//P35662
 C-HEMBA1000185//RAS-RELATED PROTEIN RAL-A.//3.40E-12//125aa//31 %//P48555
 40 C-HEMBA1000201//Homo sapiens mRNA for integrase interactor 1b protein (INI1B).//0//1612bp//99%//AJ011738
 C-HEMBA1000216//HYPOXIA-INDUCIBLE FACTOR 1 ALPHA (HIF-1 ALPHA) (ARNT INTERACTING PRO-
 TEIN).//1.00E-86//146aa//56%//Q61221
 C-HEMBA1000303//Mus musculus Plenty of SH3s (POSH) mRNA, complete cds.//7.10E-254//1440bp//87%//
 AF030131
 45 C-HEMBA1000304//Rattus norvegicus Ca²⁺-dependent activator protein (CAPS) mRNA, complete cds.//5.10E-
 131//712bp//91%//U16802
 C-HEMBA1000307//CARNITINE DEFICIENCY-ASSOCIATED PROTEIN EXPRESSED IN VENTRICLE 1//5.20E-
 49//107aa//91%//O35594
 C-HEMBA1000333//Homo sapiens F-box protein Fbx21 (FBX21) mRNA, complete cds.//0//1866bp//100%//
 50 AF174601
 C-HEMBA1000369//Homo sapiens mRNA for PICK1, complete cds.//0//1949bp//98%//AB026491
 C-HEMBA1000411//ANKYRIN.//5.70E-12//127aa//38%//Q02357
 C-HEMBA1000488//RING CANAL PROTEIN (KELCH PROTEIN).//3.30E-45//481aa//29%//Q04652
 C-HEMBA1000491//RAS-LIKE PROTEIN 2.//2.00E-22//188aa//31%//P22279
 55 C-HEMBA1000518//PECANEX PROTEIN.//2.10E-19//227aa//38%//P18490
 C-HEMBA1000523//TESTIS-SPECIFIC PROTEIN PBS13.//2.40E-44//292aa//36%//Q01755
 C-HEMBA1000531//HEAT SHOCK 70 KD PROTEIN COGNATE 1 (HEAT SHOCK 70 KD PROTEIN 70C) (FRAG-
 MENTS).//2.60E-12//73aa//41%//P02826

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C-HEMBA1000542//Rattus norvegicus mRNA for dipeptidyl peptidase III, complete cds.//2.20E-194//663bp//83%//D89340

C-HEMBA1000555//Mus musculus Msx2 interacting nuclear target protein mRNA, complete cds.//7.90E-226//1501bp//83%//AF156529

5 C-HEMBA1000561//ZINC FINGER PROTEIN 91 (ZINC FINGER PROTEIN HTF10) (HPF7).//3.40E-37//674aa//25 %//Q05481

C-HEMBA1000569//GPI-ANCHORED PROTEIN P137.//6.50E-19//265aabb//32%//Q60865

C-HEMBA1000588//Mus musculus FLI-LRR associated protein-1 mRNA, complete cds.//2.10E-144//602bp//77%//AF045573

10 C-HEMBA1000591//PTB-ASSOCIATED SPLICING FACTOR (PSF).//2.20E-17//198aa//40%//P23246

C-HEMBA1000592//Homo sapiens sorting nexin 6 (SNX6) mRNA, complete cds.//0//1465bp//99%//AF121856

C-HEMBA1000608//HYPOTHETICAL PROTEIN KIAA0411 (FRAGMENT).//1.80E-55//179aa//61%//O43295

C-HEMBA1000657//Rattus norvegicus ADP-ribosylation factor-directed GTPase activating protein mRNA, complete cds.//7.20E-156//1366bp//76%//U35776

15 C-HEMBA1000851//Homo sapiens DNA binding protein p96PIF mRNA, complete cds.//0//1862bp//99%//AF173868

C-HEMBA1000852//ARYLSULFATASE D PRECURSOR (EC 3.1.6.-) (ASD).//1.00E-78//119aa//87%//P51689

C-HEMBA1000910//MELANOMA-ASSOCIATED ANTIGEN B1 (MAGE-B1 ANTIGEN) (MAGE-XP ANTIGEN)//1.60E-30//127aa//40%//P43366

20 C-HEMBA1000919//HYPOTHETICAL 65.5 KD TRP-ASP REPEATS CONTAINING PROTEIN F02E8.5 IN CHROMOSOME X.//1.00E-10//288aa//23%//Q19124

C-HEMBA1001019//CELL DIVISION CONTROL PROTEIN 2 HOMOLOG (EC 2.7.1.-) (P34 PROTEIN KINASE) (CYCLIN-DEPENDENT KINASE 1) (CDK1).//3.10E-10//70aa//58%//P06493

C-HEMBA1001043//ANKYRIN, BRAIN VARIANT 2 (ANKYRIN B) (ANKYRIN, NONERYTHROID)(FRAGMENT).//1.40E-12//131aa//38%//Q01485

25 C-HEMBA1001059//Human N-acetylgalactosamine 6-sulphatase (GALNS) gene, exon 14.//4.80E-169//786bp//99%//U06088

C-HEMBA1001071//PROCOLLAGEN ALPHA 1(III) CHAIN PRECURSOR.//1.50E-92//82aa//100%//P02461

C-HEMBA1001077//Homo sapiens transcriptional intermediary factor 1 gamma mRNA, complete cds.//2.00E-80//432bp//94%//AF119043

30 C-HEMBA1001088//PINCH PROTEIN (PARTICULARLY INTERESTING NEW CYS-HIS PROTEIN).//3.50E-50//176aa//57%//P48059

C-HEMBA1001137//ZINC FINGER PROTEIN 33A (ZINC FINGER PROTEIN KOX31) (KIAA0065)(HA0946) (FRAGMENT).//1.50E-116//197aa//58%//Q06730

35 C-HEMBA1001174//ADP-RIBOSYLATION FACTOR-LIKE PROTEIN 5.//6.80E-79//179aa//80%//P51646

C-HEMBA1001197//Homo sapiens rap2 interacting protein x mRNA, complete cds.//0//1511bp//99%//AF112221

C-HEMBA1001257//Homo sapiens mRNA 2-methylacyl-CoA racemase.//0//1672bp//99%//AJ130733

C-HEMBA1001286//COMPLEMENT DECAY-ACCELERATING FACTOR PRECURSOR.//0.00000002//198aa//29%//Q60401

40 C-HEMBA1001302//Homo sapiens calcium binding protein precursor, mRNA, complete cds.//9.60E-258//682bp//94%//AF153686

C-HEMBA1001351//Homo sapiens VAMP-associated protein of 33 kDa (VAP-33) mRNA, complete cds.//1.40E-133//614bp//99%//AF057358

C-HEMBA1001387//GTP-BINDING PROTEIN TC10.//2.90E-64//104aa//82%//P17081

45 C-HEMBA1001405//Drosophila melanogaster eyelid (eld) mRNA, complete cds.//5.60E-25//863bp//60%//AF053091

C-HEMBA1001446//Homo sapiens rap2 interacting protein x mRNA, complete cds.//9.20E-55//719bp//68%//AF112221

C-HEMBA1001455//Mus musculus transposon-derived Buster2 transposase-like protein gene, partial cds.//4.20E-290//2008bp//81%//AF205599

50 C-HEMBA1001476//Human DNA topoisomerase II (top2) mRNA, complete cds.//1.60E-268//1213bp//100%//J04088

C-HEMBA1001510//CYCLIC-AMP-DEPENDENT TRANSCRIPTION FACTOR ATF-6 (FRAGMENT).//1.70E-16//63aa//61%//P18850

55 C-HEMBA1001526//PERIPLASMIC [FE] HYDROGENASE 1 (EC 1.18.99.1)//4.90E-37//399aa//29%//P29166

C-HEMBA1001569//SYNAPTOBREVIN 2 (VESICLE ASSOCIATED MEMBRANE PROTEIN 2) (VAMP-2).//2.30E-53//110aa//100%//P19065

C-HEMBA1001579//Homo sapiens mRNA for NS1-binding protein (NS1-BP).//0//808bp//97%//AJ012449

C-HEMBA1001595//SEPTIN 2 HOMOLOG (FRAGMENT)//4.90E-156//348aa//83%/Q14141
 C-HEMBA1001620//MYO-INOSITOL-1-PHOSPHATE SYNTHASE (EC 5.5.1.4) (IPS)//1.60E-166//506aa//60%/P42803
 C-HEMBA1001635//TESTIS SPECIFIC PROTEIN A (ZINC FINGER PROTEIN TSGA)//1.60E-10//155aa//28%/Q63679
 5 C-HEMBA1001651//CYTADHERENCE HIGH MOLECULAR WEIGHT PROTEIN 1 (CYTADHERENCE ACCESSORY PROTEIN 1)//6.20E-07//362aa//24%/Q50365
 C-HEMBA1001661//CADHERIN-RELATED TUMOR SUPPRESSOR PRECURSOR (FAT PROTEIN)//4.60E-36//365aa//33%/P33450
 10 C-HEMBA1001672//Homo sapiens methyl-CpG binding domain-containing protein MBD3 (MBD3) mRNA, complete cds//0//1707bp//98%/AF072247
 C-HEMBA1001675//VACUOLAR PROTEIN SORTING-ASSOCIATED PROTEIN VPS9//5.40E-09//101aa//35%/P54787
 C-HEMBA1001714//Homo sapiens mRNA for ATPase inhibitor precursor, complete cds//3.70E-78//200bp//100%/AB029042
 15 C-HEMBA1001723//Homo sapiens G protein beta subunit mRNA, partial cds//3.10E-267//1212bp//99%/AF195883
 C-HEMBA1001734//CADHERIN-11 PRECURSOR (OSTEOBLAST-CADHERIN) (OBCADHERIN) (OSF-4)//1.10E-38//87aa//96%/P55288
 20 C-HEMBA1001744//SCY1 PROTEIN//9.90E-32//481aa//25%/P53009
 C-HEMBA1001746//Homo sapiens squamous cell carcinoma antigen recognized by T cell (SART-2) mRNA, complete cds//7.60E-59//998bp//64%/AF098066
 C-HEMBA1001804//Homo sapiens zinc finger DNA binding protein 99 (ZNF281) mRNA, complete cds//0//1637bp//99%/AF125158
 25 C-HEMBA1001809//IMMEDIATE-EARLY PROTEIN IE180//3.80E-11//206aa//36%/P11675
 C-HEMBA1001819//ZINC FINGER PROTEIN 184 (FRAGMENT)//2.90E-135//459aa//52%/Q99676
 C-HEMBA1001822//Mus musculus Ese2L protein mRNA, complete cds//1.90E-235//1329bp//89%/AF132479
 C-HEMBA1001824//Homo sapiens nuclear protein NP94 mRNA, complete cds//1.40E-199//1180bp//89%/AF159025
 30 C-HEMBA1001847//ZINC FINGER PROTEIN 29 (ZFP-29)//7.60E-64//221aa//55%/Q07230
 C-HEMBA1001866//UDP-GLUCOSE:GLYCOPROTEIN GLUCOSYLTRANSFERASE PRECURSOR (EC 2.4.1.-) (DUGT)//5.70E-51//234aa//41%/Q09332
 C-HEMBA1001869//TRITHORAX PROTEIN//9.60E-05//166aa//27%/P20659
 C-HEMBA1001896//DIMETHYLGLYCINE DEHYDROGENASE PRECURSOR (EC 1.5.99.2) (ME2GLYDH)//9.30E-36//395aa//26%/Q63342
 35 C-HEMBA1001913//GCN20 PROTEIN//2.30E-81//158aa//50%/P43535
 C-HEMBA1001921//Homo sapiens germinal center kinase related protein kinase mRNA, complete cds//0//1850bp//99%/AF000145
 C-HEMBA1001967//Homo sapiens NY-REN-57 antigen mRNA, partial cds//0//1721bp//99%/AF155114
 40 C-HEMBA1002035//Homo sapiens BAZ1A mRNA for bromodomain adjacent to zinc finger domain 1A, complete cds//0//2149bp//99%/AB032252
 C-HEMBA1002092//Mus musculus Olf-1/EBF-like-3 transcription factor (O/E-3) mRNA, complete cds//1.30E-271//1583bp//88%/U92703
 C-HEMBA1002102//ANKYRIN//4.40E-10//106aa//35%/Q02357
 45 C-HEMBA1002139//LIM AND SH3 DOMAIN PROTEIN LASP-1 (MLN 50)//7.10E-05//51aa//49%/Q14847
 C-HEMBA1002151//Rattus norvegicus p34 mRNA, complete cds//1.10E-153//1059bp//82%/AF178669
 C-HEMBA1002161//MYOSIN HEAVY CHAIN, CARDIAC MUSCLE BETA ISOFORM//1.40E-51//180aa//56%/P79293
 C-HEMBA1002177//TRANSCRIPTION FACTOR GATA-4 (GATA BINDING FACTOR-4)//6.00E-13//190aa//36%/P43694
 50 C-HEMBA1002212//TYROSINE-PROTEIN KINASE-2 (EC 2.7.1.112) (FRAGMENT)//3.00E-17//267aa//29%/P18161
 C-HEMBA1002215//TESTIN 2 (TES2) [CONTAINS: TESTIN 1 (TES1)]//2.20E-199//392aa//89%/P47226
 C-HEMBA1002241//PROLIFERATING-CELL NUCLEOLAR ANTIGEN P120 (PROLIFERATION-ASSOCIATED NUCLEOLAR PROTEIN P120)//3.70E-06//95aa//33%/P46087
 55 C-HEMBA1002267//Sus scrofa decorin mRNA, complete cds//1.10E-46//302bp//90%/AF125537
 C-HEMBA1002341//P53-BINDING PROTEIN 2 (53BP2) (FRAGMENT)//3.80E-55//109aa//96%/Q62415
 C-HEMBA1002363//Homo sapiens chromosome-associated protein-E (hCAP-E) mRNA, complete cds//0//

- 1847bp//99%//AF092563
 C-HEMBA1002417//mGHT JUNCTION PROTEIN ZO-1 (TIGHT JUNCTION PROTEIN 1)//1.00E-121//489aa//52%//P39447
 C-HEMBA1002419//TRICHOHYALIN//1.90E-09//299aa//24%//P22793
 5 C-HEMBA1002458//OVARIAN GRANULOSA CELL 13.0 KD PROTEIN HGR74//4.20E-24//109aa//55%//Q00994
 C-HEMBA1002469//DXS8237E PROTEIN (FRAGMENT)//3.50E-50//199aa//61%//P98175
 C-HEMBA1002475//SKIN SECRETORY PROTEIN XP2 PRECURSOR (APEG PROTEIN)//1.10E-12//285aa//31%//P17437
 C-HEMBA1002495//LIGHT-MEDIATED DEVELOPMENT PROTEIN DET1//6.80E-53//257aa//36%//P48732
 10 C-HEMBA1002513//Homo sapiens mRNA for histone deacetylase-like protein (JM21)//0//2432bp//99%//AJ011972
 C-HEMBA1002547//Homo sapiens agrin precursor mRNA, partial cds//0//1605bp//97%//AF016903
 C-HEMBA1002555//Homo sapiens mSin3A associated polypeptide p30 mRNA, complete cds//5.30E-51//768bp//68%//AF055993
 15 C-HEMBA1002569//Homo sapiens protein associated with Myc mRNA, complete cds//6.80E-305//951bp//99%//AF075587
 C-HEMBA1002746//DNA POLYMERASE BETA (EC 2.7.7.7)//5.00E-37//268aa//34%//P06746
 C-HEMBA1002768//Mus musculus formin binding protein 17 mRNA, partial cds//7.80E-237//1522bp//85%//AB011126
 20 C-HEMBA1002770//Rattus norvegicus mRNA for TIP120, complete cds//2.90E-176//1024bp//88%//D87671
 C-HEMBA1002777//Fugu rubripes BAW (BAW) mRNA, complete cds//3.40E-54//319bp//76%//AF153879
 C-HEMBA1002810//Homo sapiens formin binding protein 21 mRNA, complete cds//8.2e-314//1437bp//99%//AF071185
 C-HEMBA1002818//Homo sapiens mRNA for fibulin-4//2.00E-304//1383bp//99%//AJ132819
 25 C-HEMBA1002876//HYPOTHETICAL 26.4 KD PROTEIN EEED8.8 IN CHROMOSOME n//1.50E-44//188aa//52%//Q09297
 C-HEMBA1002935//ZINC FINGER PROTEIN 91 (ZINC FINGER PROTEIN HTF10) (HPF7)//1.30E-15//371aa//25%//Q05481
 C-HEMBA1002939//ANKYRIN R (ANKYRINS 2.1 AND 2.2) (ERYTHROCYTE ANKYRIN)//2.00E-34//300aa//34%//P16157
 30 C-HEMBA1002951//NUF1 PROTEIN (SPINDLE POLY BODY SPACER PROTEIN SPC110)//4.40E-06//324aa//24%//P32380
 C-HEMBA1002973//CAMP-DEPENDENT 3',5'-CYCLIC PHOSPHODIESTERASE 4B (EC 3.1.4.17) (DPDE4)//1.20E-27//63aa//100%//P14646
 35 C-HEMBA1002997//CENTROMERIC PROTEIN E (CENP-E PROTEIN)//3.80E-25//534aa//24%//Q02224
 C-HEMBA1002999//Rattus norvegicus lamina associated polypeptide 1C (LAP1C) mRNA, complete cds//1.40E-171//1552bp//75%//U20286
 C-HEMBA1003046//Homo sapiens mitochondrial processing peptidase beta-subunit mRNA//0//1558bp//99%//AF054182
 40 C-HEMBA1003071//INSULIN-LIKE GROWTH FACTOR BINDING PROTEIN COMPLEX ACID LABILE CHAIN PRECURSOR (ALS)//1.30E-09//121aa//40%//P35858
 C-HEMBA1003077//SLIT PROTEIN PRECURSOR//2.60E-15//199aa//31%//P24014
 C-HEMBA1003096//Mouse 19.5 mRNA, complete cds//5.60E-117//1139bp//72%//M32486
 C-HEMBA1003098//Homo sapiens NY-REN-6 antigen mRNA, partial cds//6.20E-273//1253bp//99%//AF155096
 45 C-HEMBA1003136//MANNOSE-1-PHOSPHATE GUANYLTRANSFERASE (EC 2.7.7.13) (ATP-MANNOSE-1-PHOSPHATE GUANYLYLTRANSFERASE) (NDP-HEXOSE PYROPHOSPHORYLASE)//8.50E-51//221aa//33%//P41940
 C-HEMBA1003148//Homo sapiens mRNA for dachshund protein//0//1583bp//99%//AJ005670
 C-HEMBA1003179//PROBABLE TRNA (5-METHYLAMINOMETHYL-2-THIOURIDYLATE)-METHYLTRANSFERASE (EC 2.1.1.61)//5.90E-74//134aa//53%//P44551
 50 C-HEMBA1003199//Homo sapiens chromosome 5 F-box protein Fbx4 (FBX4) mRNA, complete cds//8.50E-87//285bp//90%//AF129534
 C-HEMBA1003235//TROPOMYOSIN//2.30E-06//109aa//33%//Q02088
 C-HEMBA1003250//PROTEIN KINASE APK1A (EC 2.7.1.-)//7.20E-41//245aa//42%//Q06548
 55 C-HEMBA1003281//POLIOVIRUS RECEPTOR PRECURSOR//6.00E-11//239aa//32%//P32506
 C-HEMBA1003286//Homo sapiens mRNA for beta-1,4-galactosyltransferase IV, complete cds//5.40E-229//1043bp//99%//AB024436
 C-HEMBA1003291//SNF1-RELATED PROTEIN KINASE KIN10 (EC 2.7.1.-) (AKIN10)//7.6.20E-28//126aa//51%//

Q38997
 C-HEMBA1003369//CENTROMERIC PROTEIN E (CENP-E PROTEIN).//2.00E-08//248aa//23%/Q02224
 C-HEMBA1003408//DNA-DIRECTED RNA POLYMERASE II LARGEST SUBUNIT (EC 2.7.7.6) (VERSION 1).//
 7.80E-13//297aa//30%/P18616
 5 C-HEMBA1003417//Homo sapiens BAG-family molecular chaperone regulator-2 mRNA, complete cds.//1.50E-
 255//1179bp//99%/AF095192
 C-HEMBA1003418//TRICHOHYALIN.//8.70E-19//281aa//31%/P37709
 C-HEMBA1003433//Homo sapiens gene for NBS1, complete cds.//0//511bp//94%/AB013139
 C-HEMBA1003538//COMPLEMENT C1R COMPONENT PRECURSOR (EC 3.4.21.41).//2.40E-110//242aa//
 10 58%/P00736
 C-HEMBA1003545//INSULIN GENE ENHANCER PROTEIN ISL-2 (TSLET-2).//8.80E-189//360aa//96%/P50480
 C-HEMBA1003555//NUCLEOTIDE-BINDING PROTEIN (NBP).//2.10E-68//251aa//52%/P53384
 C-HEMBA1003560//GUANINE NUCLEOTIDE-BINDING PROTEIN G(I)/G(S)/G(O) GAMMA-2 SUBUNIT (G GAM-
 MA-I).//1.20E-31//71aa//100%/P16874
 15 C-HEMBA1003568//52 KD RO PROTEIN (SJOGREN SYNDROME TYPE A ANTIGEN (SS-A))(RO(SS-A)).//
 7.90E-49//279aa//32%/P19474
 C-HEMBA1003569//METASTASIS-ASSOCIATED PROTEIN MTA1.//6.90E-206//445aa//74%/Q13330
 C-HEMBA1003581//TALIN.//4.40E-45//52aa//98%/P26039
 C-HEMBA1003591//CHLOROPLAST 28 KD RIBONUCLEOPROTEIN PRECURSOR (28RNP).//4.40E-10//
 20 118aa//35%/P19682
 C-HEMBA1003615//Homo sapiens ART-4 mRNA, complete cds.//0//1713bp//99%/AB026125
 C-HEMBA1003617//Homo sapiens ubiquitin-like product Chap1/Dsk2 mRNA, complete cds.//6.90E-178//501bp//
 97%/AB015344
 C-HEMBA1003645//TIPD PROTEIN.//2.40E-10//289aa//23%/O15736
 25 C-HEMBA1003662//TBX2 PROTEIN (T-BOX PROTEIN 2).//1.20E-75//151aa//99%/Q13207
 C-HEMBA1003679//SIALIDASE (EC 3.2.1.18) (NEURAMINIDASE) (NA) (MAJOR SURFACE ANTIGEN).//1.00E-
 09//611aa//22%/P23253
 C-HEMBA1003680//PUTATIVE AMINOPEPTIDASE ZK353.6 IN CHROMOSOME III (EC 3.4.11.-).//2.40E-92//
 423aa//47%/P34629
 30 C-HEMBA1003684//ZINC FINGER PROTEIN 151 (MIZ-1 PROTEIN).//2.00E-73//526aa//32%/Q13105
 C-HEMBA1003690//HISTONE DEACETYLASE HDA1.//2.10E-59//249aa//47%/P53973
 C-HEMBA1003742//Homo sapiens cleft lip and palate transmembrane protein 1 (CLPTM1) mRNA, complete cds.//
 1.70E-44//501bp//67%/AF037339
 C-HEMBA1003760//HYPOXIA-INDUCIBLE FACTOR 1 ALPHA (HIF-1 ALPHA) (ARNT INTERACTING PROTEIN)
 35 (MEMBER OF PAS PROTEIN 1) (MOP1) (HIF1 ALPHA).//3.70E-124//347aa//55%/Q16665
 C-HEMBA1003773//Mus musculus signal recognition particle receptor beta subunit mRNA, complete cds.//5.80E-
 81//511bp//86%/U17343
 C-HEMBA1003783//Mus musculus bromodomain-containing protein BP75 mRNA, complete cds.//1.10E-190//
 1204bp//84%/AF084259
 40 C-HEMBA1003805//Mus musculus KH domain RNA binding protein QKI-5A mRNA, complete cds.//0//988bp//
 95%/AF090402
 C-HEMBA1003836//MOB1 PROTEIN (MPS1 BINDER 1).//8.10E-31//134aa//52%/P40484
 C-HEMBA1003866//Mus musculus semaphorin VIa mRNA, complete cds.//1.20E-105//1192bp//70%/AF030430
 C-HEMBA1003953//ZINC FINGER PROTEIN MFG-1 (ZINC FINGER PROTEIN 58) (FRAGMENT).//3.80E-16//
 45 89aa//46%/P16372
 C-HEMBA1004097//Mus musculus putative transcription factor mRNA, complete cds.//8.50E-221//1188bp//78%/
 AF091234
 C-HEMBA1004131//SEPTIN 2 HOMOLOG (FRAGMENT).//1.60E-166//416aa//72%/Q14141
 C-HEMBA1004168//Homo sapiens geminin mRNA, complete cds.//3.90E-208//951 bp//99%/AF067855
 50 C-HEMBA1004199//HYPOTHETICAL HELICASE K12H4.8 IN CHROMOSOME III.//8.40E-60//243aa//39%/
 P34529
 C-HEMBA1004202//RAS-RELATED PROTEIN RAB-13.//6.20E-30//208aa//37%/P51153
 C-HEMBA1004203//NUCLEOLAR PROTEIN NOP2.//1.50E-12//258aa//29%/P40991
 C-HEMBA1004207//Homo sapiens leptin receptor short form (db) mRNA, complete cds.//0//1892bp//99%/U50748
 55 C-HEMBA1004227//Rattus norvegicus protein phosphatase 2C mRNA, complete cds.//5.70E-217//1217bp//88%/
 AF095927
 C-HEMBA1004248//INSULIN-INDUCED GROWTH RESPONSE PROTEIN CL-6 (IMMEDIATE-EARLY PROTEIN
 CL-6).//2.00E-43//98aa//84%/Q08755

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C-HEMBA1004275//Homo sapiens PHD-finger protein (GRC5) mRNA, complete cds.//1.10E-152//1403bp//69%//AF043725

C-HEMBA1004276//Homo sapiens AP-4 adaptor complex beta4 subunit mRNA, complete cds.//4.80E-257//738bp//99%//AF092094

5 C-HEMBA1004286//Homo sapiens TGF beta receptor associated protein-1 mRNA, complete cds.//0//1982bp//99%//AF022795

C-HEMBA1004295//Homo sapiens NY-REN-25 antigen mRNA, partial cds.//9.40E-31//381bp//65%//AF155103

C-HEMBA1004321//ZINC FINGER PROTEIN 184 (FRAGMENT)//2.30E-93//357aa//42%//Q99676

C-HEMBA1004353//C-MYC BINDING PROTEIN MM-1.//3.00E-71//89aa//96%//Q99471

10 C-HEMBA1004354//CHL1 PROTEIN//9.90E-26//130aa//42%//P22516

C-HEMBA1004356//H.sapiens MSSP-2 mRNA.//3.00E-243//573bp//98%//X77494

C-HEMBA1004389//Homo sapiens zinc finger DNA binding protein 99 (ZNF281) mRNA, complete cds.//0//1437bp//99%//AF125158

C-HEMBA1004408//PEPTIDYL-PROLYL CIS-TRANS ISOMERASE 10 (EC 5.2.1.8) (PPIASE) (ROTAMASE) (CYCLOPHILIN-10).//3.20E-32//148aa//52%//P52017

15 C-HEMBA1004479//HYPOXIA-INDUCIBLE FACTOR 1 ALPHA (HIF-1 ALPHA) (ARNT INTERACTING PROTEIN).//3.10E-51//152aa//40%//Q61221

C-HEMBA1004499//Homo sapiens delta-tubulin mRNA, complete cds.//3.40E-92//483bp//95%//AF201333

C-HEMBA1004509//UBIQUITIN CARBOXYL-TERMINAL HYDROLASE 4 (EC 3.1.2.15) (UBIQUITIN THIOLESTERASE 4) (UBIQUITIN-SPECIFIC PROCESSING PROTEASE 4) (DEUBIQUITINATING ENZYME ,4) (UBIQUITOUS NUCLEAR PROTEIN HOMOLOG).//2.70E-12//200aa//28%//Q13107

20 C-HEMBA1004534//Homo sapiens gamma-filamin (ABPL) mRNA, complete cds.//1.2e-316//1445bp//99%//AF089841

C-HEMBA1004573//Homo sapiens mRNA for HELG protein//2.00E-59//483bp//68%//AJ277291

25 C-HEMBA1004604//Homo sapiens COP9 complex subunit 7a mRNA, complete cds.//0//1612bp//99%//AF193844

C-HEMBA1004669//SON PROTEIN (SON3)//7.30E-17//288aa//36%//P18583

C-HEMBA1004697//MYOSIN HEAVY CHAIN, SMOOTH MUSCLE ISOFORM (SMMHC) (FRAGMENT)//2.90E-05//303aa//21%//P35749

C-HEMBA1004734//UBIQUITIN-CONJUGATING ENZYME E2-18 KD (EC 6.3.2.19) (UBIQUITIN- PROTEIN LIGASE) (UBIQUITIN CARRIER PROTEIN) (PM42).//9.90E-39//143aa//52%//P42743

30 C-HEMBA1004752//Homo sapiens mRNA for LAK-4p, complete cds.//4.60E-109//650bp//89%//AB002405

C-HEMBA1004756//Human transporter protein (g17) mRNA, complete cds.//9.10E-34//515bp//66%//U49082

C-HEMBA1004758//Homo sapiens transcription factor SL1 mRNA, complete cds.//2.60E-246//1249bp//94%//L39060

35 C-HEMBA1004768//LINE-1 REVERSE TRANSCRIPTASE HOMOLOG.//5.40E-111//314aa//58%//P08547

C-HEMBA1004795//CDC4-UKE PROTEIN (FRAGMENT).//3.80E-69//198aa//66%//P50851

C-HEMBA1004847//SIGNAL RECOGNITION PARTICLE 68 KD PROTEIN (SRP68).//8.20E-154//317aa//94%//Q00004

C-HEMBA1004889//Human C3f mRNA, complete cds.//6.70E-24//341aabbp//26%//U72515

40 C-HEMBA1004929//INTRACELLULAR PROTEIN TRANSPORT PROTEIN USO1.//2.50E-05//148aa//24%//P25386

C-HEMBA1004930//26S PROTEASOME SUBUNIT S5B (KIAA0072) (HA1357).//3.30E-27//65aa//100%//Q16401

C-HEMBA1004972//NEUROFILAMENT TRIPLET H PROTEIN (200 KD NEURO FILAMENT PROTEIN) (NF-H).//0.00000096//286aa//23%//P12036

45 C-HEMBA1004973//ZINC-BINDING PROTEIN A337//4.10E-08//121aa//33%//Q02084

C-HEMBA1005009//Homo sapiens BAF53a (BAF53a) mRNA, complete cds.//0//1813bp//99%//AF041474

C-HEMBA1005029//Homo sapiens CGI-13 protein mRNA, complete cds.//0//1487bp//99%//AF132947

C-HEMBA1005047//RAS-RELATED PROTEIN RAB-24 (RAB-16).//3.40E-101//106aa//98%//P35290

C-HEMBA1005101//Homo sapiens SYT interacting protein SIP mRNA, complete cds.//0//2762bp//99%//AF080561

50 C-HEMBA1005201//Homo sapiens CGI-07 protein mRNA, complete cds.//0//1608bp//99%//AF132941

C-HEMBA1005202//SIGNAL RECOGNITION PARTICLE 68 KD PROTEIN (SRP68).//1.90E-179//361aa//95%//Q00004

C-HEMBA1005206//Drosophila simulans anon73Bl gene and Su(P) gene.//1.90E-11//376bp//63%//AJ250308

55 C-HEMBA1005219//NUCLEAR PROTEIN SNF7.//5.30E-10//189aa//25%//P39929

C-HEMBA1005338//Homo sapiens mRNA for matrilin-4, partial.//3.90E-241//1095bp//99%//AJ007581

C-HEMBA1005359//ZINC FINGER PROTEIN 137.//3.90E-85//206aa//69%//P52743

C-HEMBA1005367//Homo sapiens melastatin 1 (MLSN1) mRNA, complete cds.//9.00E-77//620bp//74%//

AF071787

C-HEMBA1005394//Mus musculus pantothenate kinase 1 beta (panK1beta) mRNA, complete cds//3.90E-126//1097bp//75%//AF200357

C-HEMBA1005423//Homo sapiens cyclin-dependent kinase inhibitor (CDKN2C) mRNA, complete cds//2.00E-213//537bp//99%//AF041248

C-HEMBA1005513//MALES-ABSENT ON THE FIRST PROTEIN (EC 2.3.1.-)//1.90E-129//332aa//61%//O02193

C-HEMBA1005528//CCR4-ASSOCIATED FACTOR 1 (CAF1)//3.10E-154//285aa//99%//Q60809

C-HEMBA1005530//Homo sapiens anaphase-promoting complex subunit 7 (APC7) mRNA, complete cds//0//1578bp//98%//AF191340

C-HEMBA1005548//Homo sapiens MAFB/Kreisler basic region/leucine zipper transcription factor (MAFB) mRNA, complete cds//1.00E-220//1014bp//99%//AF134157

C-HEMBA1005558//NUCLEAR PROTEIN SNF7//6.40E-16//170aa//31%//P39929

C-HEMBA1005576//Mus musculus mRNA for plexin 2, complete cds//1.20E-122//870bp//82%//D86949

C-HEMBA1005581//Homo sapiens SLIT2 (SLIL2) mRNA, complete cds//0//1721bp//100%//AF133270

C-HEMBA1005582//TROPOMYOSIN 1, NON-MUSCLE ISOFORM (TROPOMYOSIN II) (CYTOSKELETAL TROPOMYOSIN)//0.00000009//213aa//27%//P09492

C-HEMBA1005595//DYNEIN HEAVY CHAIN, CYTOSOLIC (DYHC)//2.30E-54//562aa//29%//P34036

C-HEMBA1005621//Homo sapiens Mad2-like protein mRNA, complete cds//8.00E-211//962bp//99%//AF072933

C-HEMBA1005666//Homo sapiens mRNA for DIPB protein//8.60E-147//685bp//99%//AJ249128

C-HEMBA1005699//EPHRIN-B3 PRECURSOR (EPH-RELATED RECEPTOR TYROSINE KINASE LIGAND 8) (LERK-8) (EPH-RELATED RECEPTOR TRANSMEMBRANE LIGAND ELK-L3)//2.10E-37//98aa//81%//Q15768

C-HEMBA1005737//CALCINEURIN B SUBUNIT (PROTEIN PHOSPHATASE 2B REGULATORY SUBUNIT)//4.40E-17//167aa//34%//P25296

C-HEMBA1005815//CALPAIN, LARGE [CATALYTIC] SUBUNIT (EC 3.4.22.17) (CALCIUM- ACTIVATED NEUTRAL PROTEINASE) (CANP) (MU/M-TYPE)//2.00E-36//342aa//33%//P00789

C-HEMBA1005931//ZINC FINGER PROTEIN 83 (ZINC FINGER PROTEIN HPF1)//5.60E-15//76aa//51%//P51522

C-HEMBA1005990//Homo sapiens I-1 receptor candidate protein mRNA, complete cds//0//2371bp//100%//AF082516

C-HEMBA1006031//Homo sapiens mRNA for putative phospholipase, complete cds//0//1413bp//99%//AB019435

C-HEMBA1006038//LAMININ ALPHA-5 CHAIN (FRAGMENT)//3.10E-33//81aa//64%//Q61001

C-HEMBA1006067//Homo sapiens squamous cell carcinoma antigen recognized by T cell (SART-2) mRNA, complete cds//8.20E-12//297bp//64%//AF098066

C-HEMBA1006130//SEL-10 PROTEIN//0.000000043//219aa//25%//Q93794

C-HEMBA1006158//Homo sapiens transcription factor forkhead-like 7 (FKHL7) gene, complete cds//0//155 lbp//99%//AF048693

C-HEMBA1006198//PROLINE-RICH PROTEIN MP-2 PRECURSOR//1.90E-19//215aa//39%//P05142

C-HEMBA1006248//ZINC FINGER PROTEIN MFG-1 (ZINC FINGER PROTEIN 58) (FRAGMENT)//8.60E-23//151aa//37%//P16372

C-HEMBA1006253//DNA-DAMAGE-REPAIR/TOLERATION PROTEIN DRT111 PRECURSOR//0.00000002//62aa//53%//P42698

C-HEMBA1006268//Homo sapiens HQ0024c mRNA, complete cds//3.50E-157//845bp//92%//AF073836

C-HEMBA1006272//RETROVIRUS-RELATED PROTEASE (EC 3.4.23.-)//1.30E-123//200aa//73%//P10265

C-HEMBA1006278//POLY(A) POLYMERASE (EC 2.7.7.19) (PAP) (POLYNUCLEOTIDE ADENYLYLTRANSFERASE)//1.00E-210//490aa//77%//P25500

C-HEMBA1006283//NUCLEAR POLYADENYLATED RNA-BINDING PROTEIN NAB2//0.000000012//176aa//30%//P32505

C-HEMBA1006291//2-ARYLPROPIONYL-COA EPIMERASE (EC 5.-.-.-)//4.20E-12//215aa//23%//P70473

C-HEMBA1006309//Homo sapiens aspartyl aminopeptidase mRNA, complete cds//5.30E-169//774bp//100%//AF005050

C-HEMBA1006310//Rattus norvegicus cytosolic sorting protein PACS-1a (PACS-1) mRNA, complete cds//3.70E-225//1189bp//88%//AF076183

C-HEMBA1006344//RADIXIN//1.50E-31//333aa//28%//P26043

C-HEMBA1006347//MALES-ABSENT ON THE FIRST PROTEIN (EC 2.3.1.-)//1.60E-130//332aa//62%//O02193

C-HEMBA1006359//ZINC FINGER PROTEIN 43 (ZINC PROTEIN HTF6)//3.50E-105//381aa//54%//P28160

C-HEMBA1006398//Human L1 element L1.6 putative pi 50 gene, complete cds//2.00E-277//1729bp//85%//U93563

C-HEMBA1006445//Homo sapiens putative tumor suppressor NOEY2 mRNA, complete cds//1.40E-270//1224bp//

- 100%//U96750
 C-HEMBA1006474//40 KD PROTEIN.//1.40E-39//292aa//34%//Q01552
 C-HEMBA1006485//PUROMYCIN-SENSITIVE AMINOPEPTIDASE (EC 3.4.11.-) (PSA).//1.90E-81//153aa//97%//P55786
- 5 C-HEMBA1006507//DIAPHANOUS PROTEIN HOMOLOG 2.//1.40E-46//316aa//32%//O60879
 C-HEMBA1006521//3-OXOACYL-[ACYL-CARRIER PROTEIN] REDUCTASE (EC 1.1.1.100) (3-KETOACYL-ACYL CARRIER PROTEIN REDUCTASE)//4.00E-33//177aa//42%//P25716
 C-HEMBA1006559//Mus musculus PRAJA1 (Praja1) mRNA, complete cds.//2.80E-206//1107bp//83%//U06944
 C-HEMBA1006583//Drosophila melanogaster Scribble (scrib) mRNA, complete cds.//1.70E-63//1002bp//65%//
- 10 AF190774
 C-HEMBA1006624//DNA/PANTOTHENATE METABOLISM FLAVOPROTEIN HOMOLOG.//0.00000069//109aa//38%//Q58323
 C-HEMBA1006650//ARP2/3 COMPLEX 20 KD SUBUNIT (P20-ARC).//9.00E-40//113aa//82%//O15509
 C-HEMBA1006652//60S RIBOSOMAL PROTEIN L7.//2.40E-44//206aa//47%//P14148
- 15 C-HEMBA1006708//HYPOTHETICAL 46.4 KD TRP-ASP REPEATS CONTAINING PROTEIN IN PMC1-TFG2 INTERGENIC REGION.//3.30E-22//241aa//31%//P53196
 C-HEMBA1006737//ANKYRIN, BRAIN VARIANT 2 (ANKYRIN B) (ANKYRIN, NONERYTHROID) (FRAGMENT).//0.00000043//111aa//40%//Q01485
 C-HEMBA1006758//Homo sapiens protocadherin beta 13 (PCDH-beta13) mRNA, complete cds.//0//1832bp//91%//AF152492
- 20 C-HEMBA1006807//Homo sapiens mRNA for SPOP.//5.70E-125//1109bp//75%//AJ000644
 C-HEMBA1006877//OXYSTEROL-BINDINGPROTEIN.//2.00E-59//378aa//39%//P16258
 C-HEMBA1006885//Homo sapiens gene for Proline synthetase associated, complete cds.//0//1467bp//96%//AB018566
- 25 C-HEMBA1006914//Human anthracycline-associated resistance ARX mRNA, complete cds.//0//1837bp//99%//U35832
 C-HEMBA1006941//Homo sapiens PKCq-interacting protein PICOT (PICOT) mRNA, complete cds.//2.10E-271//1234bp//99%//AF118649
 C-HEMBA1006973//Homo sapiens rab3-GAP regulatory domain mRNA, complete cds.//5.60E-143//740bp//94%//
- 30 AF004828
 C-HEMBA1006976//H.sapiens mRNA for Gal-beta(1-3/4)GlcNAc alpha-2.3-sialyltransferase.//1.90E-80//447bp//89%//X74570
 C-HEMBA1007018//DYNEIN LIGHT INTERMEDIATE CHAIN 1, CYTOSOLIC (UC57/59) (DYNEIN LIGHT CHAIN A) (DLC-A).//2.40E-188//391aa//89%//Q90828
- 35 C-HEMBA1007087//CLEAVAGE AND POLYADENYLATION SPECIFICITY FACTOR, 100 KD SUBUNIT (CPSF 100 KD SUBUNIT).//8.30E-27//253aa//30%//Q10568
 C-HEMBA1007121//Homo sapiens bisphosphate 3'-nucleotidase mRNA, complete cds.//1.70E-252//1118bp//92%//AF125042
 C-HEMBA1007151//Homo sapiens synphilin 1 mRNA, complete cds.//0//1900bp//99%//AF076929
- 40 C-HEMBA1007174//Homo sapiens epsin 2b mRNA, complete cds.//3.80E-271//642bp//99%//AF062085
 C-HEMBA1007194//Homo sapiens origin recognition complex subunit 6 (ORC6) mRNA, complete cds.//0//1588bp//99%//AF139658
 C-HEMBA1007224//Homo sapiens SUMO-1-specific protease (SSP1) mRNA, complete cds.//0//1590bp//99%//AF196304
- 45 C-HEMBA1007243//Chinese hamster hprt mRNA, complete cds.//2.00E-58//650bp//70%//J00060
 C-HEMBA1007251//Homo sapiens F-box protein FBX29 (FBX29) mRNA, partial cds.//5.00E-58//330bp//95%//AF176707
 C-HEMBA1007300//Homo sapiens 3',5'-cyclic nucleotide phosphodiesterase 10A1 (PDE10A) mRNA, splice variant 1, complete cds.//0//1519bp//99%//AF127479
- 50 C-HEMBA1007301//COLLAGEN ALPHA 1(III) CHAIN (FRAGMENT).//6.20E-18//115aa//33%//P13941
 C-HEMBA1000036//Homo sapiens CGI-51 protein mRNA, complete cds.//0//1665bp//99%//AF151809
 C-HEMBA1000037//Homo sapiens erythroblast macrophage protein EMP mRNA, complete cds.//2.80E-187//1582bp//80%//AF084928
- 55 C-HEMBA1000083//MYOSIN LIGHT CHAIN KINASE, SMOOTH MUSCLE AND NON-MUSCLE ISOZYMES (EC 2.7.1.117) (MLCK) [CONTAINS: TELOKIN].//1.90E-22//426aa//25%//P11799
 C-HEMBA1000119//Homo sapiens ASMTL gene.//0//1891bp//99%//Y15521
 C-HEMBA1000144//GUANYLATE CYCLASE ACTIVATING PROTEIN 2 (GCAP 2) (RETINAL GUANYLYL CYCLASE ACTIVATOR PROTEIN P24).//1.40E-24//71aa//77%//P51177

- C-HEM BB1000217//Homo sapiens SUMO-1-activating enzyme E1 N subunit (SUA1) mRNA, complete cds.//0//1038bp//99%//AF090385
- C-HEM BB1000226//PUTATIVE PRE-MRNA SPLICING FACTOR ATP-DEPENDENT RNA HELICASE EEEDB.5.//2.70E-12//112aa//47%//Q09530
- 5 C-HEM BB1000264//CHL1 PROTEIN.//9.50E-19//104aa//45%//P22516
- C-HEM BB1000266//HYPOTHETICAL 54.5 KD TRP-ASP REPEATS CONTAINING PROTEIN ZC302.2 IN CHROMOSOME V.//6.10E-09//242aa//26%//Q23256
- C-HEM BB1000317//FIBULIN-1, ISOFORM D PRECURSOR.//7.10E-62//458aa//35%//P37888
- 10 C-HEM BB1000593//Homo sapiens transferrin receptor 2 alpha (TFR2) mRNA, complete cds.//1.30E-107//503bp//99%//AF067864
- C-HEM BB1000631//LONGEVITY-ASSURANCE PROTEIN 1 (LONGEVITY ASSURANCE FACTOR 1).//4.10E-19//232aa//28%//P78970
- C-HEM BB1000632//GUANINE NUCLEOTIDE RELEASING PROTEIN (GNRP).//2.20E-28//273aa//31%//P27671
- C-HEM BB1000693//Homo sapiens neuroan1 mRNA, complete cds.//0//2952bp//94%//AF040723
- 15 C-HEM BB1000725//Rattus norvegicus GTPase Rab8b (Rab8b) mRNA, complete cds.//6.20E-130//692bp//93%//U53475
- C-HEM BB1000763//Homo sapiens CGI-89 protein mRNA, complete cds.//0//1676bp//96%//AF151847
- C-HEM BB1000781//Homo sapiens mitogen-activated protein kinase kinase kinase MEKK2 mRNA, complete cds.//1.20E-126//613bp//97%//AF111105
- 20 C-HEM BB1000789//PUTATIVE 90.2 KD ZINC FINGER PROTEIN IN CCA1-ADK2 INTERGENIC REGION.//5.10E-54//232aa//43%//P39956
- C-HEM BB1000831//Homo sapiens breast cancer nuclear receptor-binding auxiliary protein (BRX) mRNA, complete cds.//5.80E-60//301bp//99%//AF126008
- C-HEM BB1000915//SUBTILISIN-LIKE PROTEASE PACE4 PRECURSOR (EC 3.4.21.-).//1.10E-08//129aa//31%//P29122
- 25 C-HEM BB1000927//Homo sapiens A-type potassium channel modulatory protein 2 (KCHIP2) mRNA, complete cds.//1.30E-126//592bp//99%//AF199598
- C-HEM BB1000947//Homo sapiens clone HAW100 putative ribonuclease III mRNA, complete cds.//0//2292bp//99%//AF116910
- 30 C-HEM BB1000973//Mus musculus schlafen3 (Slfn3) mRNA, complete cds.//3.40E-120//580bp//67%//AF099974
- C-HEM BB1000985//MIPP PROTEIN (MURINE IAP-PROMOTED PLACENTA-EXPRESSED PROTEIN).//8.60E-18//178aa//30%//P28575
- C-HEM BB1001011//ZINC FINGER PROTEIN 84 (ZINC FINGER PROTEIN HPF2).//1.40E-73//230aa//45%//P51523
- 35 C-HEM BB1001056//PROLIFERATING-CELL NUCLEOLAR ANTIGEN P120 (PROLIFERATION-ASSOCIATED NUCLEOLAR PROTEIN P120).//2.90E-19//264aa//34%//P46087
- C-HEM BB1001058//Homo sapiens neuronal thread protein AD7c-NTP mRNA, complete cds.//3.60E-52//331bp//80%//AF010144
- C-HEM BB1001068//Homo sapiens liprin-beta2 mRNA, partial cds.//2.40E-307//1447bp//97%//AF034803
- 40 C-HEM BB1001112//Homo sapiens sec61 homolog mRNA, complete cds.//6.00E-145//961 bp//83 %//AF077032
- C-HEM BB1001137//Homo sapiens mRNA for putative phospholipase, complete cds.//0//3069bp//99%//AB019435
- C-HEM BB1001151//Rattus norvegicus golgi stacking protein homolog GRASP55 mRNA, complete cds.//4.20E-210//1835bp//76%//AF110267
- C-HEM BB1001175//ANKYRIN.//7.00E-11//169aa//31%//Q02357
- 45 C-HEM BB1001234//65 KD YES-ASSOCIATED PROTEIN (YAP65).//5.40E-93//196aa//54%//P46938
- C-HEM BB1001242//Homo sapiens topoisomerase-related function protein (TRF4-2) mRNA, partial cds.//1.80E-284//713bp//100%//AF089897
- C-HEM BB1001282//ANKYRIN R (ANKYRINS 2.1 AND 2.2) (ERYTHROCYTE ANKYRIN).//7.00E-43//394aa//34%//P16157
- 50 C-HEM BB1001288//COPPER HOMEOSTASIS PROTEIN CUTC.//7.80E-46//163aa//51%//P46719
- C-HEM BB1001294//GTP-BINDING PROTEIN TC10.//1.20E-79//196aa//80%//P17081
- C-HEM BB1001314//Mus musculus Olf-1/EBF-like-3 transcription factor (O/E-3) mRNA, complete cds.//1.30E-129//724bp//86%//U92703
- C-HEM BB1001331//Mus musculus mRNA for hepatoma-derived growth factor, complete cds, strain:BALB/c.//2.10E-65//458bp//79%//D63850
- 55 C-HEM BB1001339//DXS8237E PROTEIN (FRAGMENT).//4.60E-06//124aa//37%//P98175
- C-HEM BB1001346//Homo sapiens phenylalanine-tRNA synthetase (FARS1) mRNA, nuclear gene encoding mitochondrial protein, complete cds.//1.10E-58//292bp//99%//AF097441

- C-HEMBB1001384//Homo sapiens COP9 complex subunit 4 mRNA, complete cds.//0//1586bp//99%//AF100757
- C-HEMBB1001429//Homo sapiens leucine aminopeptidase mRNA, complete cds.//0//1933bp//99%//AF061738
- C-HEMBB1001443//Rattus norvegicus pyruvate dehydrogenase phosphatase isoenzyme 1 mRNA, complete cds.//3.00E-130//553bp//86%//AF062740
- 5 C-HEMBB1001482//ZINC FINGER PROTEIN 91 (ZINC FINGER PROTEIN HTF10) (HPF7).//2.10E-57//941aa//27%//Q05481
- C-HEMBB1001562//CYLICIN II (MULTIPLE-BAND POLYPEPTIDE II).//1.40E-06//373aa//21%//Q28092
- C-HEMBB1001564//VACUOLAR ATP SYNTHASE SUBUNIT H (EC 3.6.1.34) (V-ATPASE H SUBUNIT) (V-ATPASE M9.2 SUBUNIT) (9.2 KD MEMBRANE ACCESSORY PROTEIN).//9.60E-32//80aa//78%//O15342
- 10 C-HEMBB1001673//Homo sapiens gene for new zinc finger protein, complete cds.//0//1919bp//99%//AB012770
- C-HEMBB1001736//EUKARYOTIC TRANSLATION INITIATION FACTOR 3 SUBUNIT 9 (EIF3 P116) (EIF3 P110).//4.60E-15//391aa//25%//P55884
- C-HEMBB1001749//TRANSCRIPTIONAL ACTIVATOR GCN5.//1.70E-16//84aa//47%//Q03330
- C-HEMBB1001802//Human desmin mRNA, complete cds.//0//1523bp//98%//U59167
- 15 C-HEMBB1001831//Homo sapiens PAM COOH-terminal interactor protein 1 (PCIP1) mRNA, complete cds.//0//1514bp//99%//AF056209
- C-HEMBB1001839//GASTRULA ZINC FINGER PROTEIN XLGFG42.1 (FRAGMENT).//6.90E-11//87aa//35%//P18720
- C-HEMBB1001871//BONE/CARTILAGE PROTEOGLYCAN I PRECURSOR (BIGLYCAN) (PG-S1).//5.40E-75//241aa//48%//P47853
- 20 C-HEMBB1001872//CELL SURFACE GLYCOPROTEIN EMR1 PRECURSOR (EMR1 HORMONE RECEPTOR) (CELL SURFACE GLYCOPROTEIN F4/80).//1.90E-22//210aa//27%//Q61549
- C-HEMBB1001905//TRICHOHYALIN.//2.10E-10//268aa//27%//P37709
- C-HEMBB1001908//Human monocytic leukaemia zinc finger protein (MOZ) mRNA, complete cds.//1.60E-131//874bp//86%//U47742
- 25 C-HEMBB1001915//UBIQUITIN CARBOXYL-TERMINAL HYDROLASE 64E (EC 3.1.2.15) (UBIQUITIN THIOLESTERASE 64E) (UBIQUITIN-SPECIFIC PROCESSING PROTEASE 64E) (DEUBIQUITINATING ENZYME 64E).//6.90E-132//561aa//50%//Q24574
- C-HEMBB1001950//PROBABLE OXYGEN-INDEPENDENT COPROPORPHYRINOGEN III OXIDASE (EC 1.-.-.-) (COPROPORPHYRINOGENASE) (COPROGEN OXIDASE).//1.60E-41//370aa//31%//P54304
- 30 C-HEMBB1002042//CYTOCHROME P450 4C1 (EC 1.14.14.1) (CYP1VC1).//2.70E-49//139aa//55%//P29981
- C-HEMBB1002044//Mus musculus mRNA for vascular cadherin-2.//0//3562bp//81%//Y08715
- C-HEMBB1002134//ZINC-FINGER PROTEIN NEURO-D4.//8.10E-56//176aa//67%//P56163
- C-HEMBB1002193//TYROSINE-PROTEIN KINASE RECEPTOR TYRO3 PRECURSOR (TYROSINE-PROTEIN KINASE RSE) (TYROSINE-PROTEIN KINASE DTK) (TK19-2).//8.70E-61//77aa//74%//P55144
- 35 C-HEMBB1002217//ZINC FINGER PROTEIN 91 (ZINC FINGER PROTEIN HTF10) (HPF7).//2.10E-132//399aa//44%//Q05481
- C-HEMBB1002266//NEURONAL PROTEIN.//2.10E-46//121aa//76%//P41737
- C-HEMBB1002342//Homo sapiens PKCq-interacting protein PICOT (PICOT) mRNA, complete cds.//1.50E-229//1045bp//99%//AF118649
- 40 C-HEMBB1002442//LIN-10 PROTEIN.//9.70E-14//121aa//31%//P34692
- C-HEMBB1002477//Human Grb2-associated binder-1 mRNA, complete cds.//7.70E-258//774bp//99%//U43885
- C-HEMBB1002510//GYP7 PROTEIN.//3.10E-50//192aa//42%//P48365
- C-HEMBB1002550//HYPOTHETICAL UOG-1 PROTEIN.//5.00E-28//266aa//33%//P27544
- 45 C-HEMBB1002600//Homo sapiens tetraspan NET-5 mRNA, complete cds.//0//1417bp//99%//AF089749
- C-HEMBB1002607//Homo sapiens vitamin D3 receptor interacting protein (DRIP80) mRNA, complete cds.//2.00E-136//660bp//98%//AF105421
- C-HEMBB1002705//Homo sapiens CGI-27 protein mRNA, complete cds.//7.80E-285//841bp//96%//AF132961
- C-MAMMA1000020//H.sapiens mRNA for flavin-containing monooxygenase 5 (FMO5).//8.20E-198//868bp//99%//Z47553
- 50 C-MAMMA1000045//ENV POLYPROTEIN [CONTAINS: SURFACE PROTEIN GP85; MEMBRANE PROTEIN GP37].//1.90E-07//249aa//27%//P03396
- C-MAMMA1000055//TESTIN 2 (TES2) [CONTAINS: TESTIN 1 (TES1)].//1.50E-90//323aa//48%//P47226
- C-MAMMA1000085//PUTATIVE CYSTEINYL-TRNA SYNTHETASE C29E6.06C (EC 6.1.1.16) (CYSTEINE--TRNA LIGASE) (CYSRS).//2.10E-90//427aa//39%//Q09860
- 55 C-MAMMA1000173//Homo sapiens src homology 3 domain-containing protein HIP-55 mRNA, complete cds.//2.60E-164//1044bp//87%//AF197060
- C-MAMMA1000183//ZINC FINGER PROTEIN 84 (ZINC FINGER PROTEIN HPF2).//3.40E-134//359aa//63%//

P51523
 C-MAMMA1000284//P.walti mRNA for rnp associated protein 55.//2.20E-109//864bp//76%//X99836
 C-MAMMA1000388//Homo sapiens UKLF mRNA for ubiquitous Kruppel like factor, complete cds.//0//1466bp//99%//AB015132
 5 C-MAMMA1000416//HYPOTHETICAL 32.0 KD PROTEIN C09F5.2 IN CHROMOSOME III.//2.00E-30//119aa//53%//Q09232
 C-MAMMA1000612//Homo sapiens G protein beta subunit mRNA, partial cds.//8.30E-178//1992bp//84%//AF195883
 C-MAMMA1000625//GYP7 PROTEIN.//2.10E-41//198aa//40%//P48365
 10 C-MAMMA1000672//VITELLOGENIC CARBOXYPEPTIDASE PRECURSOR (EC 3.4.16.)//4.40E-33//250aa//33%//P42660
 C-MAMMA1000684//Homo sapiens opioid growth factor receptor mRNA, complete cds.//0//2391bp//99%//AF172451
 C-MAMMA1000713//L-RBULOKINASE (EC 2.7.1.16)//7.70E-17//246aa//29%//P94524
 15 C-MAMMA1000731//CHROMODOMAIN-HELICASE-DNA-BINDING PROTEIN 1 (CHD-1)//1.00E-77//395aa//45%//O14646
 C-MAMMA1000734//Homo sapiens mRNA for SEC63 protein.//0//1587bp//99%//AJ011779
 C-MAMMA1000738//HYPOTHETICAL 116.5 KD PROTEIN C20G8.09C IN CHROMOSOME I.//9.00E-299//1033aa//55%//P87115
 20 C-MAMMA1000824//ACTIN.//6.20E-20//284aa//28%//P53500
 C-MAMMA1000841//PUTATIVE AMIDASE (EC 3.5.1.4)//7.80E-40//101aa//54%//O27540
 C-MAMMA1000897//INTER-ALPHA-TRYPSIN INHIBITOR HEAVY CHAIN H3 PRECURSOR (TTI HEAVY CHAIN H3) (SERUM-DERIVED HYALURONAN-ASSOCIATED PROTEIN) (SHAP).//1.00E-141//576aa//37%//Q06033
 C-MAMMA1000956//Homo sapiens CLDN8 gene for claudin-8.//0//1767bp//99%//AJ250711
 25 C-MAMMA1001008//Homo sapiens aspartic-like protease mRNA, complete cds.//2.50E-276//1263bp//99%//AF117892
 C-MAMMA1001030//LUTROPIN-CHORIOGONADOTROPIC HORMONE RECEPTOR (LH/CG-R) (LSH-R) (LUTEINIZING HORMONE RECEPTOR) (FRAGMENT).//1.20E-26//276aa//28%//Q90674
 C-MAMMA1001038//MYOSIN LIGHT CHAIN KINASE, SMOOTH MUSCLE AND NON-MUSCLE ISOZYMES (EC 2.7.1.117) (MLCK) [CONTAINS: TELOKIN]//2.60E-107//190aa//95%//Q15746
 30 C-MAMMA1001041//SPECTRIN BETA CHAIN, BRAIN (SPECTRIN, NON-ERYTHROID BETA CHAIN) (FODRIN BETA CHAIN) (SPTBN1).//1.60E-16//113aa//41%//Q01082
 C-MAMMA1001059//Homo sapiens mRNA for DEAD Box Protein 5.//0//1440bp//99%//AJ237946
 C-MAMMA1001075//Homo sapiens CGI-72 protein mRNA, complete cds.//1.30E-181//397bp//98%//AF151830
 35 C-MAMMA1001080//Homo sapiens SNC73 protein (SNC73) mRNA, complete cds.//1.6E-312//1596bp//94%//AF067420
 C-MAMMA1001105//OVO PROTEIN (SHAVEN BABY PROTEIN).//4.00E-49//125aa//68%//P51521
 C-MAMMA1001139//SRE-2 PROTEIN.//5.80E-35//239aa//38%//Q09273
 C-MAMMA1001181//ABC1 PROTEIN HOMOLOG PRECURSOR.//1.30E-07//81aa//45%//Q92338
 40 C-MAMMA1001198//Homo sapiens eps15R mRNA, partial cds.//0//2253bp//99%//AB015346
 C-MAMMA1001222//EBNA-2 NUCLEAR PROTEIN.//6.60E-09//255aa//29%//P12978
 C-MAMMA1001259//Mus musculus F-box protein FBX18 mRNA, partial cds.//2.30E-271//1414bp//89%//AF184275
 C-MAMMA1001260//HYPOTHETICAL 97.1 KD PROTEIN R05D3.4 IN CHROMOSOME III.//2.10E-52//630aa//30%//P34537
 45 C-MAMMA1001305//RHO-GTPASE-ACTIVATING PROTEIN 1 (GTPASE-ACTIVATING PROTEIN RHOGAP) (RHO-RELATED SMALL GTPASE PROTEIN ACTIVATOR) (CDC42 GTPASE-ACTIVATING PROTEIN) (P50-RHOGAP).//2.20E-98//283aa//63%//Q07960
 C-MAMMA1001322//B-CELL GROWTH FACTOR PRECURSOR (BCGF-12 KD).//0.000000017//46aa//60%//P20931
 50 C-MAMMA1001388//LEUCINE-RICH ALPHA-2-GLYCOPROTEIN (LRG).//1.40E-165//312aa//99%//P02750
 C-MAMMA1001476//URIDINE KINASE (EC 2.7.1.48) (URIDINE MONOPHOSPHOKINASE) (FRAGMENT).//6.50E-129//260aa//92%//P52623
 C-MAMMA1001501//CALPAIN 1, LARGE [CATALYTIC] SUBUNIT (EC 3.4.22.17) (CALCIUM-ACTIVATED NEUTRAL PROTEINASE) (CANP) (MU-TYPE).//5.70E-55//86aa//97%//P07384
 55 C-MAMMA1001576//Human gamma-tubulin mRNA, complete cds.//7.50E-276//1561bp//90%//M61764
 C-MAMMA1001627//Homo sapiens mRNA for transcription factor TBX6.//5.20E-189//871bp//99%//AJ007989
 C-MAMMA1001633//ZINC FINGER PROTEIN 165.//6.30E-39//160aa//55%//P49910

C-MAMMA1001679//F-ACTIN CAPPING PROTEIN BETA SUBUNIT (CAPZ)//0.00000058//29aa//100%//P47756
 C-MAMMA1001730//Homo sapiens brain and nasopharyngeal carcinoma susceptibility protein NSG-x mRNA, partial cds.//0//1603bp//99%//AF095687
 C-MAMMA1001735//TUBULIN BETA-5 CHAIN (BETA-TUBULIN CLASS-V)//5.90E-240//445aa//97%//P09653
 5 C-MAMMA1001743//Y BOX BINDING PROTEIN-1 (Y-BOX TRANSCRIPTION FACTOR)//8.50E-32//171aa//36%//P21573
 C-MAMMA1001751//Homo sapiens tandem pore domain potassium channel TWIK-2 (KCNK6) mRNA, complete cds.//0//2332bp//99%//AF117708
 C-MAMMA1001754//Homo sapiens Vacuolar proton pump subunit SFD alpha isoform mRNA complete cds.//0//1987bp//99%//AF112204
 10 C-MAMMA1001768//CELL DIVISION CYCLE PROTEIN 48 HOMOLOG MJ1156.//3.80E-45//351aa//38%//Q58556
 C-MAMMA1001771//M.musculus mRNA for semaphorin B.//2.60E-200//1272bp//79%//X85991
 C-MAMMA1001820//Rattus norvegicus mRNA for PAG608 gene.//1.30E-198//1157bp//80%//Y13148
 15 C-MAMMA1001837//ZINC FINGER PROTEIN 29 (ZFP-29).//2.60E-77//507aa//38%//Q07230
 C-MAMMA1001868//TRICHOHYALIN.//2.70E-19//359aa//25%//P22793
 C-MAMMA1002143//Homo sapiens Cdc42 effector protein 4 mRNA, complete cds.//1.70E-252//1170bp//99%//AF099664
 C-MAMMA1002170//40S RIBOSOMAL PROTEIN S2 (S4) (LLREP3 PROTEIN).//6.00E-66//157aa//70%//P15880
 20 C-MAMMA1002198//THIOREDOXIN PEROXIDASE 1 (THIOREDOXIN-DEPENDENT PEROXIDE REDUCTASE 1) (THIOL-SPECIFIC ANTIOXIDANT PROTEIN) (TSA) (PRP) (NATURAL KILLER CELL ENHANCING FACTOR B) (NKEF-B).//5.20E-61//60aa//90%//P32119
 C-MAMMA1002219//Rattus norvegicus rexo70 mRNA, complete cds.//1.30E-181//861bp//98%//AF032667
 C-MAMMA1002236//TRANSLATION INITIATION FACTOR EIF-2B GAMMA SUBUNIT (EIF-2B GDP-GTP EXCHANGE FACTOR).//8.80E-217//310aa//86%//PP70541
 25 C-MAMMA1002268//Mus musculus sphingosine kinase (SPHK1a) mRNA, partial cds.//1.00E-190//1624bp//76%//AF068748
 C-MAMMA1002297//Homo sapiens mRNA for Rab6 GTPase activating protein.//1.10E-214//881bp//97%//AJ011679
 30 C-MAMMA1002329//M.musculus mRNA for semaphorin B.//3.80E-45//332bp//84%//X85991
 C-MAMMA1002351//Mus musculus dynactin subunit p25 (p25) mRNA, complete cds.//4.30E-119//773bp//86%//AF190795
 C-MAMMA1002385//RIBONUCLEOPROTEIN RB97D.//1.50E-07//206aa//29%//Q02926
 C-MAMMA1002428//LYSOSOME MEMBRANE PROTEIN II (LIMP II) (85 KD LYSOSOMAL MEMBRANE SIALOGLYCOPROTEIN) (LGP85) (CD36 ANTIGEN-LIKE 2).//1.10E-24//96aa//68%//Q14108
 35 C-MAMMA1002470//PROBABLE NH(3)-DEPENDENT NAD(+) SYNTHETASE (EC 6.3.5.1).//1.00E-11//128aa//36%//P47623
 C-MAMMA1002485//Homo sapiens stanniocalcin-related protein mRNA, complete cds.//0//1822bp//99%//AF098462
 40 C-MAMMA1002524//HYPOTHETICAL 117.8 KD PROTEIN IN STE2-FRS2 INTERGENIC REGION.//1.20E-34//337aa//31%//P43571
 C-MAMMA1002530//Homo sapiens cytosolic phospholipase A2 gamma (cPLA2 gamma) mRNA, complete cds.//0//1910bp//99%//AF065214
 C-MAMMA1002573//GLUCOAMYLASE S1/S2 PRECURSOR (EC 3.2.1.3) (GLUCAN 1,4-ALPHA- GLUCOSIDASE) (1,4-ALPHA-D-GLUCAN GLUCOHYDROLASE).//2.60E-19//666aa//23%//P08640
 45 C-MAMMA1002617//ZINC FINGER PROTEIN 135.//7.60E-89//252aa//57%//P52742
 C-MAMMA1002619//PROBABLE UBIQUITIN CARBOXYL-TERMINAL HYDROLASE K02C4.3 (EC 3.1.2.15) (UBIQUITIN THIOLESTERASE) (UBIQUITIN-SPECIFIC PROCESSING PROTEASE) (DEUBIQUITINATING ENZYME).//9.50E-16//159aa//37%//Q09931
 50 C-MAMMA1002622//VILLIN.//7.20E-35//53aa//64%//P02640
 C-MAMMA1002637//KINESIN LIGHT CHAIN (KLC).//1.30E-198//550aa//70%//Q07866
 C-MAMMA1002650//Mus musculus ODA-8S protein mRNA, complete cds.//5.40E-57//480bp//68%//AF194030
 C-MAMMA1002655//Homo sapiens mRNA for ganglioside sialidase, complete cds.//0//1515bp//99%//AB008185
 C-MAMMA1002671//ACETYL-COENZYME A SYNTHETASE (EC 6.2.1.1) (ACETATE--COA LIGASE) (ACYL- AC-TIVATING ENZYME).//1.10E-45//618aa//26%//P27550
 55 C-MAMMA1002699//Rattus norvegicus EH domain binding protein Epsin mRNA, complete cds.//4.3e-317//1942bp//85%//AF018261
 C-MAMMA1002769//Homo sapiens cell cycle progression restoration 8 protein (CPR8) mRNA, complete cds.//

- 2.20E-25//330bp//77%//AF011794
 C-MAMMA1002842//Mus musculus c-Cbl associated protein CAP mRNA, complete cds.//2.60E-58//373bp//81%//U58883
 C-MAMMA1002844//TRIOSE PHOSPHATE/PHOSPHATE TRANSLOCATOR, NON-GREEN PLASTID PRECURSOR (CTPT).//4.90E-10//334aa//22%//P52178
 5 C-MAMMA1002858//Rat cMG1 mRNA.//3.70E-238//1147bp//92%//X52590
 C-MAMMA1002869//PINCH PROTEIN (PARTICULARLY INTERESTING NEW CYS-HIS PROTEIN).//1.40E-160//305aa//85%//P48059
 C-MAMMA1002881//GLIOMA PATHOGENESIS-RELATED PROTEIN (RTVP-1 PROTEIN).//5.70E-30//214aa//35%//P48060
 10 C-MAMMA1002937//ZINC FINGER PROTEIN 135.//8.30E-99//393aa//43%//P52742
 C-MAMMA1002972//VACUOLAR PROTEIN SORTING-ASSOCIATED PROTEIN VPS27.//1.10E-05//69aa//42%//P40343
 C-MAMMA1003011//HISTONE MACRO-H2A.1.//2.70E-123//370aa//66%//Q02874
 15 C-MAMMA1003013//DNA POLYMERASE BETA (EC 2.7.7.7).//7.40E-46//332aa//36%//P06746
 C-MAMMA1003035//RIBOSOMAL LARGE SUBUNIT PSEUDOURIDINE SYNTHASE C (EC 4.2.1.70) (PSEUDOURIDYLATE SYNTHASE) (URACIL HYDROLYASE).//1.90E-13//108aa//33%//P23851
 C-MAMMA1003047//Homo sapiens protein inhibitor of activated STAT protein PIASy mRNA, complete cds.//0//1533bp//99%//AF077952
 20 C-MAMMA1003057//MD6 PROTEIN.//3.10E-225//419aa//97%//Q60584
 C-MAMMA1003113//Mus musculus COP9 complex subunit 7a (COPS7a) mRNA, complete cds.//1.10E-234//1178bp//86%//AF071316
 C-MAMMA1003127//MYOSIN I ALPHA (MMI-ALPHA).//2.20E-105//217aa//89%//P46735
 C-MAMMA1003146//Homo sapiens mRNA for GalT3 protein.//4.30E-218//996bp//99%//Y15062
 25 C-MAMMA1003150//HYPOTHETICAL 118.4 KD PROTEIN IN BAT2-DAL5 INTERGENIC REGION PRECURSOR.//5.00E-13//592aa//24%//P47179
 C-MAMMA1003166//Homo sapiens MLL septin-like fusion protein (MSF) mRNA, complete cds.//3.10E-158//592bp//97%//AF123052
 C-NT2RM1000001//D.melanogaster sap47-2 mRNA.//1.50E-10//417bp//62%//X80110
 30 C-NT2RM1000039//HYPOTHETICAL 41.4 KD PROTEIN IN SRLQ-HYPF INTERGENIC REGION (EC 1.18.1.-) (ORF4) (ORF2).//2.90E-14//299aa//25%//P37596
 C-NT2RM1000055//Rattus norvegicus mRNA for TIP120, complete cds.//0//3106bp//89%//D87671
 C-NT2RM1000080//UNC-1 PROTEIN.//5.90E-25//211aa//31%//Q21190
 C-NT2RM1000086//HYPOTHETICAL 97.1 KD PROTEIN R05D3.4 IN CHROMOSOME III.//8.40E-52//364aa//32%//P34537
 35 C-NT2RM1000092//MULTIDRUG RESISTANCE PROTEIN 2 (MULTIDRUG-EFFLUX TRANSPORTER 2).//1.00E-07//362aa//23%//P39843
 C-NT2RM1000118//CALCINEURIN B SUBUNIT (PROTEIN PHOSPHATASE 2B REGULATORY SUBUNIT) (CALCINEURIN REGULATORY SUBUNIT).//1.20E-10//150aa//28%//P87072
 40 C-NT2RM1000132//Homo sapiens NADH:ubiquinone oxidoreductase NDUFS6 subunit mRNA, nuclear gene encoding mitochondrial protein, complete cds.//7.80E-110//516bp//99%//AF044959
 C-NT2RM1000153//CYTOSOLIC PURINE 5'-NUCLEOTIDASE (EC 3.1.3.5).//3.30E-38//469aa//27%//P49902
 C-NT2RM1000186//CALCINEURIN B SUBUNIT (PROTEIN PHOSPHATASE 2B REGULATORY SUBUNIT) (CALCINEURIN REGULATORY SUBUNIT).//1.20E-10//150aa//28%//P87072
 45 C-NT2RM1000187//PUTATIVE PRE-MRNA SPLICING FACTOR ATP-DEPENDENT RNA HELICASE SPAC10F6.02C.//1.10E-10//94aa//47%//O42643
 C-NT2RM1000199//Homo sapiens mRNA for type I transmembrane receptor (psk-1 gene).//0//2476bp//99%//AJ245820
 C-NT2RM1000244//Homo sapiens TRAF4 associated factor 1 mRNA, partial cds.//2.00E-126//592bp//99%//U81002
 50 C-NT2RM1000252//H.sapiens E-MAP-115 mRNA.//9.70E-35//569bp//64%//X73882
 C-NT2RM1000256//Homo sapiens mRNA for Glutamine:fructose-6-phosphate amidotransferase, complete cds.//0//3012bp//99%//AB016789
 C-NT2RM1000257//MAGO NASHI PROTEIN.//7.90E-69//143aa//91%//P49028
 55 C-NT2RM1000260//Homo sapiens thyroid hormone receptor-associated protein complex component TRAP100 mRNA, complete cds.//0//2766bp//99%//AF055995
 C-NT2RM1000280//VACUOLAR ATP SYNTHASE SUBUNIT D (EC 3.6.1.34) (V-ATPASE D SUBUNIT) (V-ATPASE 28 KD ACCESSORY PROTEIN).//1.50E-106//118aa//97%//P39942

- C-NT2RM1000354//Xenopus laevis chromosome condensation protein XCAP-G mRNA, complete cds.//7.40E-245//2101bp//68%//AF111423
- C-NT2RM1000355//Homo sapiens transmembrane protein BRI (BRI) mRNA, complete cds.//7.0//1599bp//99%//AF152462
- 5 C-NT2RM1000377//Homo sapiens dual specificity phosphatase MKP5 (MKP5) mRNA, complete cds.//3.20E-196//1016bp//94%//AF179212
- C-NT2RM1000388//HYPOTHETICAL 27.7 KD PROTEIN IN CPT1-SPC98 INTERGENIC REGION.//0.00000019//67aa//31%//P53915
- C-NT2RM1000421//RIBONUCLEASE INHIBITOR.//4.40E-21//372aa//30%//P10775
- 10 C-NT2RM1000430//Homo sapiens erythroblast macrophage protein EMP mRNA, complete cds.//1.40E-185//1486bp//81%//AF084928
- C-NT2RM1000499//Caenorhabditis elegans mRNA for centaurin gamma 1A.//3.00E-17//927bp//58%//AJ132700
- C-NT2RM1000539//Homo sapiens mRNA for Lsm5 protein.//3.00E-158//733bp//99%//AJ238097
- C-NT2RM1000553//Homo sapiens putative glycolipid transfer protein mRNA, complete cds.//3.40E-177//814bp//99%//AF103731
- 15 C-NT2RM1000555//UNR PROTEIN.//0//678aa//98%//P18395
- C-NT2RM1000563//TRANSMISSION-B LOCKING TARGET ANTIGEN S230 PRECURSOR.//0.0000068//199aa//30%//Q08372
- C-NT2RM1000623//RIBONUCLEASE INHIBITOR.//4.40E-21//372aa//30%//P10775
- 20 C-NT2RM1000648//GLYCOSYLTRANSFERASE ALG2 (EC 2.4.1.-).//8.50E-75//301aa//39%//P43636
- C-NT2RM1000661//Homo sapiens translation initiation factor 4e mRNA, complete cds.//5.70E-210//960bp//99%//AF038957
- C-NT2RM1000666//DNA-BINDING PROTEIN A.//2.20E-09//165aa//34%//P16989
- C-NT2RM1000691//Homo sapiens mRNA for PLU-1 protein.//0//3104bp//99%//AJ132440
- 25 C-NT2RM1000702//PUTATIVE SERINE/THREONINE-PROTEIN KINASE PKWA (EC 2.7.1.-).//5.60E-08//187aa//27%//P49695
- C-NT2RM1000742//Homo sapiens AC133 antigen mRNA, complete cds.//0//3524bp//99%//AF027208
- C-NT2RM1000746//Homo sapiens polyamine modulated factor-1 (PMF1) mRNA, complete cds.//6.70E-227//1043bp//99%//AF141310
- 30 C-NT2RM1000770//DXS6673E PROTEIN.//1.40E-39//194aa//48%//Q14202
- C-NT2RM1000772//VEGETABLE INCOMPATIBILITY PROTEIN HET-E-1.//7.30E-15//280aa//27%//Q00808
- C-NT2RM1000800//Mus musculus partial mRNA for B-IND1 protein (B-indl gene).//1.10E-98//571bp//89%//Z97207
- C-NT2RM1000811//Homo sapiens AC133 antigen mRNA, complete cds.//0//3524bp//99%//AF027208
- 35 C-NT2RM1000826//UNR PROTEIN.//0//678aa//98%//P18395
- C-NT2RM1000833//Homo sapiens sec61 homolog mRNA, complete cds.//0//3541 bp//99%//AF08445 8
- C-NT2RM1000850//ANKYRIN R (ANKYRINS 2.1 AND 2.2) (ERYTHROCYTE ANKYRIN).//9.70E-42//333aa//36%//P16157
- C-NT2RM1000852//Homo sapiens putative ATP-dependent RNA helicase ROK1 mRNA, complete cds.//0//2206bp//99%//AF077033
- 40 C-NT2RM1000874//Homo sapiens death effector domain-containing testicular molecule mRNA, complete cds.//1.40E-244//1113bp//99%//AF043733
- C-NT2RM1000882//Homo sapiens delta-6 fatty acid desaturase mRNA, complete cds.//4.30E-122//1394bp//69%//AF126799
- 45 C-NT2RM1000883//Homo sapiens I-1 receptor candidate protein mRNA, complete cds.//0//5107bp//99%//AF082516
- C-NT2RM1000885//HYPOTHETICAL 97.1 KD PROTEIN R05D3.4 IN CHROMOSOME III.//1.80E-56//630aa//30%//P34537
- C-NT2RM1000894//DNA-DIRECTED RNA POLYMERASE 1135 KD POLYPEPTIDE (EC 2.7.7.6) (RNA POLYMERASE I SUBUNIT 2) (RPA135).//0//1020aa//89%//P70700
- 50 C-NT2RM1000898//ACTIN, CYTOPLASMIC (ACTIN, MICRONUCLEAR).//8.90E-26//229aa//29%//P02583
- C-NT2RM1000924//HYPOTHETICAL 39.7 KD PROTEIN C34E10.2 IN CHROMOSOME III.//1.00E-15//266aa//26%//P46577
- C-NT2RM1001003//Homo sapiens alpha-catenin-like protein (CTNNAL1) mRNA, complete cds.//0//2230bp//99%//AF030233
- 55 C-NT2RM1001008//HYPOTHETICAL 72.5 KD PROTEIN C2F7.10 IN CHROMOSOME I.//1.60E-13//119aa//36%//Q09701
- C-NT2RM1001059//NUCLEAR POLYADENYLATED RNA-BINDING PROTEIN NAB4.//3.60E-11//180aa//28%//

- Q99383
C-NT2RM1001072//1-PHOSPHATIDYLINOSITOL-4,5-BISPHOSPHATE PHOSPHODEESTERASE GAMMA 1 (EC 3.1.4.11) (PLC-GAMMA-1) (PHOSPHOLIPASE C-GAMMA-1) (PLC-II) (PLC-148).//8.30E-47//259aa//35%//P08487
- 5 C-NT2RM1001092//ZINC FINGER PROTEIN 91 (ZINC FINGER PROTEIN HTF10) (HPF7).//3.60E-115//332aa//52%//Q05481
C-NT2RM1001102//Human HEM45 mRNA, complete cds.//2.30E-27//482bp//63%//U88964
C-NT2RM1001115//ENDOCHITINASE 2 PRECURSOR (EC 3.2.1.14).//5.60E-06//239aa//27%//P54197
C-NT2RM2000013//DNA-DIRECTED RNA POLYMERASE III 128 KD POLYPEPTIDE (EC 2.7.7.6) (RNA
- 10 POLYMERASE III SUBUNIT 2).//2.20E-144//362aa//71%//P25167
C-NT2RM2000030//DYNEIN INTERMEDIATE CHAIN, CYTOSOLIC (DH IC) (CYTOPLASMIC DYNEIN INTERMEDIATE CHAIN).//0.00000043//136aa//31%//P54703
C-NT2RM2000092//UBIQUITIN CARBOXYL-TERMINAL HYDROLASE 8 (EC 3.1.2.15) (UBIQUITIN THI-OLESTERASE 8) (UBIQUITIN-SPECIFIC PROCESSING PROTEASE 8) (DEUBIQUITINATING ENZYME 8).//
- 15 1.30E-36//160aa//40%//P50102
C-NT2RM2000191//Homo sapiens cGMP phosphodiesterase A1 (PDE9A) mRNA, complete cds.//0//1574bp//99%//AF067223
C-NT2RM2000260//EXTENSIN PRECURSOR (PROLINE-RICH GLYCOPROTEIN).//3.60E-19//181aa//34%//P14918
- 20 C-NT2RM2000322//SPERMIDINE SYNTHASE (EC 2.5.1.16) (PUTRESCINE AMINOPROPYLTRANSFERASE) (AMINOPROPYLTRANSFERASE).//8.10E-06//167aa//29%//O48660
C-NT2RM2000363//BREAKPOINT CLUSTER REGION PROTEIN.//1.80E-14//245aa//29%//P11274
C-NT2RM2000368//Homo sapiens protein kinase C-binding protein RACK7 mRNA, partial cds.//0//1506bp//99%//U48251
- 25 C-NT2RM2000371//POLYRIBONUCLEOTIDE NUCLEOTIDYLTRANSFERASE (EC 2.7.7.8) (POLYNUCLEOTIDE).//1.70E-68//419aa//36%//P50849
C-NT2RM2000402//ENDOSOMAL P24A PROTEIN PRECURSOR (70 KD ENDOMEMBRANE PROTEIN) (PHEROMONE ALPHA-FACTOR TRANSPORTER) (ACIDIC 24 KD LATE ENDOCYTIC INTERMEDIATE COMPO-NENT).//1.60E-54//344aa//33 %//P32802
- 30 C-NT2RM2000407//Mus musculus semaphorin VIa mRNA, complete cds.//9.70E-201//826bp//84%//AF030430
C-NT2RM2000422//SODIUM- AND CHLORIDE-DEPENDENT TRANSPORTER NTT73.//1.00E-222//237aa//89%//Q08469
C-NT2RM2000452//HYPOTHETICAL 63.6 KD PROTEIN IN YPT52-GCN3 INTERGENIC REGION.//1.00E-07//157aa//28%//P36113
- 35 C-NT2RM2000469//NITROGEN PERMEASE REACTIVATOR PROTEIN (EC 2.7.1.-).//8.90E-06//377aa//24%//P22211
C-NT2RM2000490//SYNAPTOTAGMIN (P65).//1.80E-13//166aa//34%//P41823
C-NT2RM2000502//Rattus norvegicus W307 mRNA, complete cds.//1.70E-58//381bp//86%//U78304
C-NT2RM2000504//Homo sapiens metalloprotease 1 (MP1) mRNA, complete cds.//0//1673bp//99%//AF061243
- 40 C-NT2RM2000522//SKIN SECRETORY PROTEIN XP2 PRECURSOR (APEG PROTEIN).//1.30E-12//282aa//32%//P17437
C-NT2RM2000566//Homo sapiens integrin alpha-7 mRNA, complete cds.//0//2519bp//96%//AF032108
C-NT2RM2000577//ISOLEUCYL-TRNA SYNTHETASE (EC 6.1.1.5) (ISOLEUCINE--TRNA LIGASE) (ILERS).//1.70E-187//741aa//46%//P73505
- 45 C-NT2RM2000588//HISTONE DEACETYLASE HDA1.//2.80E-60//384aa//40%//P53973
C-NT2RM2000594//Homo sapiens DNA cytosine-5 methyltransferase 3 beta 3 (DNMT3B) mRNA, complete cds.//0//2712bp//99%//AF156487
C-NT2RM2000599//Homo sapiens F-box protein Lilina (LILINA) mRNA, complete cds.//4.90E-70//838bp//69%//AF179221
- 50 C-NT2RM2000609//Homo sapiens CTL1 gene.//0//1559bp//99%//AJ245620
C-NT2RM2000612//Rattus norvegicus ADP-ribosylation factor-directed GTPase activating protein mRNA, complete cds.//2.60E-106//1069bp//74%//U35776
C-NT2RM2000624//SPLICING FACTOR, ARGININE/SERINE-RICH 4 (PRE-MRNA SPLICING FACTOR SRP75).//4.40E-32//319aa//35%//Q08170
- 55 C-NT2RM2000691//ACTIN-LIKE PROTEIN 3 (ACTIN-2).//3.70E-142//285aa//90%//P32391
C-NT2RM2000714//RAS SUPPRESSOR PROTEIN 1 (RSU-1) (RSP-1 PROTEIN) (RSP-1).//3.80E-23//184aa//36%//Q15404
C-NT2RM2000718//Homo sapiens endocrine regulator mRNA, complete cds.//0//1731bp//99%//AF121141

C-NT2RM2000735//ZINC FINGER PROTEIN 43 (ZINC PROTEIN HTF6) //2.90E-103//249aa//73%//P28160
 C-NT2RM2000740//POSSIBLE GLOBAL TRANSCRIPTION ACTIVATOR SNF2L //5.70E-53//266aa//43%//
 P41877
 C-NT2RM2000821//COATOMER BETA SUBUNIT (BETA-COAT PROTEIN) (BETA-COP) //9.50E-279//545aa//
 5 98%//P23514
 C-NT2RM2000951//Homo sapiens XYLB mRNA for xylulokinase, complete cds //1.70E-200//927bp//99%//
 AB015046
 C-NT2RM2001035//CCR4-ASSOCIATED FACTOR 1 (CAF1) //8.20E-154//285aa//99%//Q60809
 C-NT2RM2001065//Homo sapiens COP9 complex subunit 4 mRNA, complete cds //0//1554bp//99%//AF100757
 10 C-NT2RM2001100//HYPOTHETICAL 39.7 KD PROTEIN C34E10.2 IN CHROMOSOME III //2.40E-15//266aa//
 26%//P46577
 C-NT2RM2001105//Drosophila melanogaster eyelid (eld) mRNA, complete cds //1.20E-28//805bp//61%//
 AF053091
 C-NT2RM2001196//PROLINE-RICH PROTEIN MP-3 (FRAGMENT) //1.30E-20//267aa//35%//P05143
 15 C-NT2RM2001201//EUKARYOTIC TRANSLATION INITIATION FACTOR 5 (EIF-5) //1.50E-07//95aa//35%//
 P48724
 C-NT2RM2001221//KALIRIN (PAM COOH-TERMINAL INTERACTOR PROTEIN 10) (P-CIP10) //3.60E-10//
 177aa//32%//P97924
 C-NT2RM2001238//GLUTAMINASE, KIDNEY ISOFORM PRECURSOR (EC 3.5.1.2) (GLS) (L-GLUTAMINE AMI-
 20 DOHYDROLASE) //1.30E-180//328aa//99%//P13264
 C-NT2RM2001256//PROTEIN TSG24 (MEIOTIC CHECK POINT REGULATOR) //1.60E-166//312aa//98%//
 P53995
 C-NT2RM2001324//ZYXIN //6.80E-55//200aa//41%//Q04584
 C-NT2RM2001345//VEGETATIBLE INCOMPATIBILITY PROTEIN HET-E-1 //2.90E-08//334aa//22%//Q00808
 25 C-NT2RM2001424//Homo sapiens mRNA for EIB-55kDa-associated protein //0//1621bp//99%//AJ007509
 C-NT2RM2001499//LOW-AFFINITY CATIONIC AMINO ACID TRANSPORTER-2 (CAT-2) (CAT2) //7.40E-121//
 437aa//57%//P52569
 C-NT2RM2001547//PROBABLE PROTEIN DISULFIDE ISOMERASE P5 PRECURSOR (EC 5.3.4.1) //6.90E-27//
 90aa//42%//P38660
 30 C-NT2RM2001575//52 KD RO PROTEIN (SJOGREN SYNDROME TYPE A ANTIGEN (SS-A)) (RO(SS-A)) //
 4.30E-61//312aa//44%//P19474
 C-NT2RM2001592//Rattus norvegicus rexo70 mRNA, complete cds //3.10E-156//909bp//88%//AF032667
 C-NT2RM2001605//Homo sapiens mRNA for PLU-1 protein //0//3114bp//99%//AJ132440
 C-NT2RM2001613//Homo sapiens sec61 homolog mRNA, complete cds //0//2601 bp//99%//AF084458
 35 C-NT2RM2001632//KES1 PROTEIN //1.40E-31//342aa//34%//P35844
 C-NT2RM2001635//NUCLEAR ENVELOPE PORE MEMBRANE PROTEIN POM 121 (PORE MEMBRANE PRO-
 TEIN OF 121 KD) (P145) //1.20E-142//566aa//56%//P52591
 C-NT2RM2001648//Homo sapiens sec61 homolog mRNA, complete cds //0//2421 bp//99%//AF084458
 C-NT2RM2001652//Homo sapiens guanine nucleotide exchange factor mRNA, complete cds //0//2608bp//99%//
 40 AF111162
 C-NT2RM2001659//ZINC/CADMIUM RESISTANCE PROTEIN //3.40E-39//161aa//34%//P20107
 C-NT2RM2001664//Homo sapiens IkappaB kinase complex associated protein (IKAP) mRNA complete cds //0//
 2471bp//99%//AF044195
 C-NT2RM2001668//Homo sapiens putative WHSC1 protein (WHSC1) mRNA, alternative splice product ending in
 45 intron 11, complete cds //6.20E-16//464bp//62%//AFQ83391
 C-NT2RM2001670//ZINC FINGER PROTEIN 29 (ZFP-29) //6.50E-104//407aa//43%//Q07230
 C-NT2RM2001671//Oryctolagus cuniculus sarcolemmal associated protein (SLAP1) mRNA, complete cds //0//
 1843bp//94%//U21155
 C-NT2RM2001688//HYPOTHETICAL 33.8 KD PROTEIN C5H10.01 IN CHROMOSOME I //4.60E-20//253aa//
 50 30%//Q09674
 C-NT2RM2001698//Homo sapiens XGalT-1 mRNA for galactosyltransferase I, complete cds //6.20E-253//
 1170bp//99%//AB028600
 C-NT2RM2001700//ACYL-COA DEHYDROGENASE, VERY-LONG-CHAIN SPECIFIC (EC 1.3.99.-) (VLCAD)
 (FRAGMENT) //5.70E-130//536aa//49%//P50544
 55 C-NT2RM2001716//Homo sapiens BPTF mRNA for bromodomain PHD finger transcription factor, complete cds //
 0//1774bp//98%//AB032251
 C-NT2RM2001730//PROBABLE UBIQUITIN CARBOXYL-TERMINAL HYDROLASE K02C4.3 (EC 3.1.2.15)
 (UBIQUITIN THIOLESTERASE) (UBIQUITIN-SPECIFIC PROCESSING PROTEASE) (DEUBIQUITINATING EN-

ZYME)/7.20E-16//381aa//27%/Q09931
 C-NT2RM2001743//Homo sapiens cell cycle progression 2 protein (CPR2) mRNA, complete cds./0//1498bp//99%/AF011792
 C-NT2RM2001753//HYPOTHETICAL PROTEIN KIAA0210./8.80E-11//119aa//36%/Q92609
 5 C-NT2RM2001760//Homo sapiens sec61 homolog mRNA, complete cds./0//2379bp//99%/AF084458
 C-NT2RM2001771//ZINC FINGER PROTEIN 135./6.40E-154//394aa//64%/P52742
 C-NT2RM2001782//Homo sapiens GDP-mannose pyrophosphorylase A (GMPPA) mRNA, complete cds./0//1470bp//99%/AF135422
 10 C-NT2RM2001785//Homo sapiens delta-6 fatty acid desaturase mRNA, complete cds./0//2150bp//99%/AF126799
 C-NT2RM2001803//Homo sapiens IkappaB kinase complex associated protein (IKAP) mRNA, complete cds./0//2249bp//99%/AF044195
 C-NT2RM2001823//CHD1 PROTEIN./1.80E-106//631aa//39%/P32657
 C-NT2RM2001839//Homo sapiens calumein (Calu) mRNA, complete cds./0//2415bp//97%/AF013759
 15 C-NT2RM2001886//PAB-DEPENDENT POLY(A)-SPECIFIC RIBONUCLEASE SUBUNIT PAN2 (EC 3.1.13.4) (PAB1P-DEPENDENT POLY(A)-NUCLEASE)/3.00E-54//337aa//39%/P53010
 C-NT2RM2001896//CELL DIVISION PROTEIN FTSJ./5.10E-26//204aa//34%/P28692
 C-NT2RM2001930//M.musculus mRNA for semaphorin G./5.20E-135//894bp//83%/X97818
 20 C-NT2RM2001935//Homo sapiens single-strand selective monofunctional uracil DNA glycosylase mRNA, complete cds./0//1454bp//99%/AF125182
 C-NT2RM2001936//32.3 KD PROTEIN IN CWP1-MBR1 INTERGENIC REGION./2.70E-27//216aa//34%/P28320
 C-NT2RM2001950//HYPOTHETICAL 105.9 KD PROTEIN IN AAC3-RFC5 INTERGENIC REGION./0.0000001//212aa//23%/P38250
 25 C-NT2RM2001983//Homo sapiens RGS-GAIP interacting protein GIPC mRNA, complete cds./0//1658bp//98%/AF089816
 C-NT2RM2001989//NUCLEOLAR PROTEIN NOP4 (NUCLEOLAR PROTEIN NOP77)/1.90E-39//253aa//35%/P37838
 C-NT2RM2001997//PROTEIN DISULFIDE ISOMERASE PRECURSOR (PDI) (EC 5.3.4.1)/1.30E-10//232aa//28%/Q12730
 30 C-NT2RM2001998//HYPOTHETICAL 85.7 KD PROTEIN C13G6.03 IN CHROMOSOME L//3.10E-12//206aa//30%/Q09782
 C-NT2RM2002004//LA PROTEIN HOMOLOG (LA RIBONUCLEOPROTEIN) (LA AUTOANTIGEN HOMOLOG)/2.90E-08//83aa//44%/P40796
 35 C-NT2RM2002014//HYPOTHETICAL 81.4 KD PROTEIN IN GREB-FEOA INTERGENIC REGION./1.10E-89//425aa//41%/P46837
 C-NT2RM2002030//Homo sapiens mRNA for Glutamine:fructose-6-phosphate amidotransferase, complete cds./0//1959bp//99%/AB016789
 C-NT2RM2002055//VACUOLAR PROTEIN SORTING-ASSOCIATED PROTEIN VPS13./0.00000099//338aa//24%/Q07878
 40 C-NT2RM2002088//PUTATIVE HETEROGENEOUS NUCLEAR RIBONUCLEOPROTEIN X (HNRNP X) (CBP)/5.00E-62//104aa//57%/Q61990
 C-NT2RM2002091//Drosophila melanogaster eyelid (eld) mRNA, complete cds./7.10E-29//805bp//61 %//AF053091
 45 C-NT2RM2002100//Homo sapiens mRNA for ATP-dependent RNA helicase, partial./0//1807bp//99%/AJ010840
 C-NT2RM2002109//Homo sapiens glioma amplified on chromosome 1 protein (GAC1) mRNA, complete cds./0//1868bp//99%/AF030435
 C-NT2RM2002128//PUTATIVE SERINE/THREONINE-PROTEIN KINASE PKWA (EC 2.7.1.-)/4.90E-13//487aa//26%/P49695
 50 C-NT2RM2002142//GASTRULATION SPECIFIC PROTEIN G12./8.00E-31//105aa//47%/P47805
 C-NT2RM2002145//Homo sapiens erythroblast macrophage protein EMP mRNA, complete cds./8.50E-191//1524bp//81%/AF084928
 C-NT2RM4000024//DNA-DIRECTED RNA POLYMERASE III 128 KD POLYPEPTIDE (EC 2.7.7.6) (RNA POLYMERASE III SUBUNIT 2)/7.10E-155//381aa//72%/P25167
 55 C-NT2RM4000030//LAS1 PROTEIN./5.60E-12//184aa//32%/P36146
 C-NT2RM4000046//GOLIATH PROTEIN (G1 PROTEIN)/0.000008//112aa//31%/Q06003
 C-NT2RM4000104//ZINC FINGER PROTEIN 135./1.50E-81//251aa//53%/P52742
 C-NT2RM4000139//R.norvegicus trg mRNA./2.30E-114//1161bp//72%/X68101

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C-NT2RM4000155//THREONYL-TRNA SYNTHETASE, CYTOPLASMIC (EC 6.1.1.3) (THREONINE--TRNA
LIGASE) (THRRS) //1.20E-157//321aa//61%/P26639
C-NT2RM4000156//H.sapiens HPBRII-7 gene //3.60E-21//785bp//60%/X67336
C-NT2RM4000167//Homo sapiens mRNA for Chromokinesin (KIF 4 gene) //0//1946bp//99%/AJ271784
5 C-NT2RM4000169//INTRACELLULAR PROTEIN TRANSPORT PROTEIN USO1 //4.80E-13//686aa//23%/P25386
C-NT2RM4000191//PUTATIVE ATP-DEPENDENT RNA HELICASE PL10 //9.20E-75//439aa//41%/P16381
C-NT2RM4000202//ZINC FINGER PROTEIN MOK-2 (HOK-2) //4.90E-32//170aa//41%/Q16600
C-NT2RM4000215//MAK16 PROTEIN //1.30E-68//295aa//49%/P10962
10 C-NT2RM4000229//Gallus gallus actin filament-associated protein (AFAP-110) mRNA, complete cds //1.10E-27//633bp//64%/L20303
C-NT2RM4000233//Mus musculus semaphorin Via mRNA, complete cds //3.40E-231//1395bp//86%/AF030430
C-NT2RM4000290//Human transducin-like enhancer protein (TLE3) mRNA, complete cds //2.20E-276//1124bp//97%/M99438
15 C-NT2RM4000344//Homo sapiens mRNA for ATP-dependent metalloprotease YME1L //0//2030bp//99%/AJ132637
C-NT2RM4000354//LETHAL(2)DENTICLELESS PROTEIN (DTL83 PROTEIN) //1.50E-21//208aa//35%/Q24371
C-NT2RM4000356//RAS-RELATED PROTEIN RAB-17 //5.90E-80//213aa//75%/P35292
C-NT2RM4000386//Mus musculus ODZ3 (Odz3) mRNA, partial cds //0//2156bp//87%/AF195418
20 C-NT2RM4000421//Homo sapiens mRNA for nuclear transport receptor //0//1730bp//99%/AJ133769
C-NT2RM4000433//Mus musculus retinoic acid-responsive protein (Stra6) mRNA, complete cds //4.10E-271//2085bp//77%/AF062476
C-NT2RM4000457//HYPOTHETICAL 111.9 KD PROTEIN C22H10.03C IN CHROMOSOME I //8.00E-20//393aa//24%/Q10297
25 C-NT2RM4000471//Homo sapiens cysteine desulfurase (nifS) mRNA, complete cds //0//2092bp//99%/AF097025
C-NT2RM4000486//SALIVARY PROLINE-RICH PROTEIN PRECURSOR (CLONES CP3, CP4 AND CP5) [CONTAINS: BASIC PEPTIDE IB-6; PEPTIDE P-H] //4.80E-11//242aa//31%/P04280
C-NT2RM4000496//SAP1 PROTEIN //8.30E-53//434aa//29%/P39955
C-NT2RM4000515//NEUROFILAMENT TRIPLET H PROTEIN (200 KD NEUROFILAMENT PROTEIN) (NF-H) (FRAGMENT) //1.10E-11//394aa//24%/P16884
30 C-NT2RM4000531//ZINC FINGER PROTEIN 29 (ZFP-29) //2.40E-89//389aa//43%/Q07230
C-NT2RM4000590//RING CANAL PROTEIN (KELCH PROTEIN) //1.00E-59//595aa//28%/Q04652
C-NT2RM4000595//PUTATIVE ADENYLATE CYCLASE REGULATORY PROTEIN //8.70E-15//403aa//30%/P26337
35 C-NT2RM4000611//VEGETATIBLE INCOMPATIBILITY PROTEIN HET-E-1 //2.90E-09//108aa//31%/Q00808
C-NT2RM4000616//ACETYL-COENZYME A SYNTHETASE (EC 6.2.1.1) (ACETATE--COA LIGASE) (ACYL- ACTIVATING ENZYME) //2.70E-146//420aa//60%/P27550
C-NT2RM4000657//1-PHOSPHATIDYLINOSITOL-4,5-BISPHOSPHATE PHOSPHODIESTERASE DELTA 1 (EC 3.1.4.11) (PLC-DELTA-1) (PHOSPHOLIPASE C-DELTA-1) (PLC-III) //3.00E-68//297aa//40%/P51178
40 C-NT2RM4000674//HYPOTHETICAL SYMPORTER SLL13747//1.20E-28//180aa//30%/P74168
C-NT2RM4000712//Homo sapiens ubiquitin hydrolyzing enzyme I (UBH1) mRNA, partial cds //1.00E-136//1104bp//77%/AF022789
C-NT2RM4000733//TRANSCRIPTION TERMINATION FACTOR RHO //0.00000041//207aa//29%/P52154
C-NT2RM4000734//Homo sapiens Smad- and Olf-interacting zinc finger protein mRNA, partial cds //0//2071bp//99%/AF221712
45 C-NT2RM4000741//Homo sapiens hSGT1 mRNA for hSgt1p, complete cds //0//2184bp//99%/D88208
C-NT2RM4000751//ZINC FINGER PROTEIN 184 (FRAGMENT) //3.90E-125//301aa//53%/Q99676
C-NT2RM4000798//Homo sapiens brefeldin A-inhibited guanine nucleotide-exchange protein 2 mRNA, complete cds //0//2603bp//99%/AF084521
50 C-NT2RM4000820//VACUOLAR ATP SYNTHASE SUBUNIT AC45 PRECURSOR (EC 3.6.1.34) (V-ATPASE AC45 SUBUNIT) //1.10E-24//138aa//44%/P40682
C-NT2RM4000857//LEUCINE-RICH ALPHA-2-GLYCOPROTEIN (LRG) //6.70E-22//250aa//29%/P02750
C-NT2RM4000996//ZINC FINGER PROTEIN 91 (ZINC FINGER PROTEIN HTF10) (HPF7) //8.00E-211//738aa//50%/Q05481
55 C-NT2RM4001047//MO25 PROTEIN //8.00E-140//333aa//80%/Q06138
C-NT2RM4001054//Homo sapiens sec61 homolog mRNA, complete cds //3.10E-190//1315bp//81%/AF077032
C-NT2RM4001084//HYPOTHETICAL 105.6 KD PROTEIN C16C9.06C IN CHROMOSOME I //0.000000032//165aa//33%/Q09820

- C-NT2RM4001092//ZINC FINGER PROTEIN GLO37/3.10E-24//265aa//33%/P38682
 C-NT2RM4001116//HYPOTHETICAL 216.3 KD PROTEIN R06F6.8 IN CHROMOSOME II./5.90E-86//292aa//48%/Q09417
 C-NT2RM4001140//HOMEBOX PROTEIN MSH-D./1.00E-11//103aa//38%/Q01704
 5 C-NT2RM4001155//ADRENAL MEDULLA 50 KD PROTEIN./4.10E-197//445aa//78%/Q27969
 C-NT2RM4001178//PROBABLE ATP-DEPENDENT RNA HELICASE HAS1./1.10E-48//218aa//43%/Q03532
 C-NT2RM4001200//ZINC FINGER PROTEIN 135./9.50E-135//375aa//60%/P52742
 C-NT2RM4001203//Homo sapiens rab3-GAP regulatory domain mRNA, complete cds./0//2310bp//99%/AF004828
 10 C-NT2RM4001217//Mus musculus actin-binding protein (ENC-1) mRNA, complete cds./3.10E-148//1445bp//72%/U65079
 C-NT2RM4001256//Xenopus laevis putative Zic3 binding protein mRNA, complete cds./4.30E-55//289bp//77%/AF129131
 C-NT2RM4001313//PHOSPHATIDYLINOSITOL 3-KINASE VPS34-UKE (EC 2.7.1.137) (PI3-KINASE) (PTDINS-3-KINASE) (PI3K)/3.50E-35//124aa//65%/P54676
 15 C-NT2RM4001316//ACYL-COA DEHYDROGENASE, MEDIUM-CHAIN SPECIFIC PRECURSOR (EC 1.3.99.3) (MCAD)/2.30E-31//334aa//30%/P08503
 C-NT2RM4001320//Homo sapiens mRNA for Neuroblastoma, complete cds./1.80E-39//728bp//64%/D89016
 C-NT2RM4001340//UTR4 PROTEIN (UNKNOWN TRANSCRIPT 4 PROTEIN)/1.00E-28//171aa//37%/P32626
 20 C-NT2RM4001344//HYPOTHETICAL GTP-BINDING PROTEIN IN POP2-HOL1 INTERGENIC REGION./8.10E-30//265aa//33%/P53742
 C-NT2RM4001347//Homo sapiens NY-REN-25 antigen mRNA, partial cds./0//2300bp//99%/AF155103
 C-NT2RM4001371//Homo sapiens IDN3 mRNA, partial cds./0//2524bp//99%/AB019494
 C-NT2RM4001382//Homo sapiens RanBP7/importin 7 mRNA, complete cds./2.20E-237//1079bp//99%/AF098799
 25 C-NT2RM4001411//Mus musculus Pro-rich, PH, SH2 domain-containing signaling mediator (PSM) mRNA, complete cds./0//1962bp//87%/AF020526
 C-NT2RM4001412//Homo sapiens nGAP mRNA, complete cds./0//1918bp//99%/AF047711
 C-NT2RM4001444//ISOLEUCYL-TRNA SYNTHETASE (EC 6.1.1.5) (ISOLEUCINE--TRNA LIGASE) (ILERS)/1.40E-118//444aa//46%/P73505
 30 C-NT2RM4001483//ZINC FINGER PROTEIN 136./5.10E-106//357aa//55%/P52737
 C-NT2RM4001566//NECDIN./9.80E-44//227aa//41%/P25233
 C-NT2RM4001582//Mus musculus COP9 complex subunit 7b (COPS7b) mRNA, complete cds./1.50E-284//1082bp//90%/AF071317
 35 C-NT2RM4001592//HYPOTHETICAL 128.5 KD HELICASE IN ATS1-TPD3 INTERGENIC REGION./7.60E-56//213aa//49%/P31380
 C-NT2RM4001597//M.musculus red-1 gene./12.10E-171//1414bp//78%/X92750
 C-NT2RM4001611//SIS2 PROTEIN (HALOTOLERANCE PROTEIN HAL3)/2.60E-32//203aa//39%/Q12600
 C-NT2RM4001629//MAGUK P55 SUBFAMILY MEMBER 3 (MPP3 PROTEIN) (DISCS, LARGE HOMOLOG 3)/1.50E-93//278aa//38%/Q13368
 40 C-NT2RM4001666//HYPOTHETICAL 48.6 KD PROTEIN IN ALPA-GABP INTERGENIC REGION./2.70E-84//410aa//42%/P37339
 C-NT2RM4001714//SEPTIN 2 HOMOLOG (FRAGMENT)/8.90E-141//354aa//72%/Q14141
 C-NT2RM4001731//Homo sapiens F-box protein Lilina (LILINA) mRNA, complete cds./0//1922bp//100%/AF179221
 45 C-NT2RM4001758//PUTATIVE SERINE/THREONINE-PROTEIN KINASE EMK (EC 2.7.)/4.10E-186//639aa//58%/Q05512
 C-NT2RM4001783//ZINC FINGER PROTEIN HRX (ALL-1)/7.90E-66//311aa//35%/Q03164
 C-NT2RM4001810//AGGRECAN CORE PROTEIN PRECURSOR (CARTILAGE-SPECIFIC PROTEOGLYCAN CORE PROTEIN) (CSPCP) (CHONDROITIN SULFATE PROTEOGLYCAN CORE PROTEIN 1)/5.10E-07//263aa//30%/P16112
 50 C-NT2RM4001813//LECTIN BRA-2./0.00000048//114aa//30%/P17346
 C-NT2RM4001819//Human p58/GTA (galactosyltransferase associated protein kinase) mRNA, complete cds./8.10E-300//1395bp//98%/M37712
 55 C-NT2RM4001823//ZINC FINGER PROTEIN 43 (ZINC PROTEIN HTF6)/7.2.90E-55//325aa//37%/P28160
 C-NT2RM4001828//ZINC FINGER PROTEIN 84 (ZINC FINGER PROTEIN HPF2)/5.90E-161//481aa//56%/P51523
 C-NT2RM4001858//T-BOX CONTAINING PROTEIN TBX6L (FRAGMENT)/6.50E-22//126aa//46%/P79779

- C-NT2RM4001865//Homo sapiens mRNA for atopy related autoantigen CALC.//4.30E-244//1248bp//94%//Y17711
- C-NT2RM4001876//RAS SUPPRESSOR PROTEIN 1 (RSU-1) (RSP-1 PROTEIN) (RSP-1).//6.50E-23//184aa//36%//Q15404
- 5 C-NT2RM4001880//PUTATIVE DNA HELICASE II HOMOLOG (EC 3.6.1.-).//5.90E-09//268aa//26%//P47486
- C-NT2RM4001930//Homo sapiens dolichyl-P-Glc:Man9GlcNAc2-PP-dolichyl glucosyltransferase (ALG6) mRNA, complete cds.//0//1930bp//99%//AF102851
- C-NT2RM4001940//Homo sapiens timeless homolog mRNA, complete cds.//0//2087bp//99%//AF098162
- C-NT2RM4001969//R.norvegicus mRNA for IP63 protein.//2.60E-261//1563bp//84%//X99330
- 10 C-NT2RM4001979//ZINC FINGER PROTEIN 84 (ZINC FINGER PROTEIN HPF2).//1.80E-112//457aa//47%//P51523
- C-NT2RM4001987//NEURAL CELL ADHESION MOLECULE 1, LARGE ISOFORM PRECURSOR (N-CAM 180) [CONTAINS: N-CAM 140].//3.20E-17//281aa//30%//P16170
- C-NT2RM4002013//HYPOTHETICAL 89.4 KD TRP-ASP REPEATS CONTAINING PROTEIN IN PMT6-PCT1 INTERGENIC REGION.//6.90E-94//589aa//35%//P42935
- 15 C-NT2RM4002034//Homo sapiens hiwi mRNA, partial cds.//1.90E-53//1585bp//60%//AF104260
- C-NT2RM4002062//ASPARTYL-TRNA SYNTHETASE (EC 6.1.1.12) (ASPARTATE--TRNA LIGASE) (ASPRS).//1.90E-31//80aa//52%//P36419
- C-NT2RM4002063//Oryctolagus cuniculus sarcosine oxidase (SOX) mRNA, complete cds.//0//1865bp//99%//U82267
- 20 C-NT2RM4002066//Homo sapiens thyroid hormone receptor-associated protein complex component TRAP230 mRNA, complete cds.//1.50E-211//1123bp//71 %//AF117755
- C-NT2RM4002073//Mus musculus fatty acid transport protein 3 mRNA, partial cds.//9.30E-293//1751bp//83%//AF072758
- 25 C-NT2RM4002075//RING CANAL PROTEIN (KELCH PROTEIN).//2.80E-105//556aa//41 %//Q04652
- C-NT2RM4002093//Homo sapiens neural polypyrimidine tract binding protein (PTB) mRNA, complete cds.//0//2550bp//99%//AF176085
- C-NT2RM4002109//Homo sapiens mRNA for Chromokinesin (KIF 4 gene).//0//2572bp//99%//AJ271784
- C-NT2RM4002145//SLIT PROTEIN PRECURSOR.//1.40E-09//127aa//33%//P24014
- 30 C-NT2RM4002146//Homo sapiens MAGOH mRNA, complete cds.//6.90E-70//454bp//85%//AF035940
- C-NT2RM4002161//Homo sapiens laforin (EPM2A) mRNA, complete cds.//0//2671bp//99%//AF084535
- C-NT2RM4002174//MRPPROTEIN.//9.10E-68//264aa//51%//P21590
- C-NT2RM4002189//GLUCOAMYLASE S1/S2 PRECURSOR (EC 3.2.1.3) (GLUCAN 1,4-ALPHA- GLUCOSIDASE) (1,4-ALPHA-D-GLUCAN GLUCOHYDROLASE).//6.20E-33//688aa//27%//P08640
- 35 C-NT2RM4002194//Mus musculus semaphorin VIa mRNA, complete cds.//5.20E-297//1753bp//87%//AF030430
- C-NT2RM4002205//ELONGATION FACTOR G, MITOCHONDRIAL PRECURSOR (MEF-G).//3.00E-37//122aa//72%//Q07803
- C-NT2RM4002213//Homo sapiens protein phosphatase methylesterase-1 (PME-1) mRNA, complete cds.//0//2452bp//100%//AF157028
- 40 C-NT2RM4002226//GTPASE ACTIVATING PROTEIN ROTUND.//3.70E-19//147aa//41%//P40809
- C-NT2RM4002251//ALPHA-1,3-MANNOSYL-GLYCOPROTEIN BETA-1,2-N-ACETYLGLUCOSAMINYLTRANSFERASE (EC 2.4.1.101) (N-GLYCOSYLOLIGOSACCHARIDE-GLYCOPROTEIN N-ACETYLGLUCOSAMINYLTRANSFERASE I) (GNT- I) (GLCNAC-T I).//2.20E-36//320aa//38%//P27808
- C-NT2RM4002323//ANTIGEN GOR (FRAGMENT).//0.000000001//154aa//33%//P48778
- 45 C-NT2RM4002409//ACETYL-COENZYME A SYNTHETASE (EC 6.2.1.1) (ACETATE--COA LIGASE) (ACYL- ACTIVATING ENZYME).//1.30E-29//275aa//30%//P27095
- C-NT2RM4002438//Xenopus laevis putative Zic3 binding protein mRNA, complete cds.//1.10E-49//611 bp//70%//AF129131
- C-NT2RM4002460//ENV POLYPROTEIN (COAT POLYPROTEIN) [CONTAINS: COAT PROTEINS GP70, GP20].//0.0000016//226aa//24%//P51515
- 50 C-NT2RM4002527//VEGETATIBLE INCOMPATIBILITY PROTEIN HET-E-1.//8.90E-15//366aa//27%//Q00808
- C-NT2RM4002532//PROTEIN HOM1.//2.00E-16//276aa//28%//P55137
- C-NT2RM4002558//Homo sapiens fatty acid transport protein (FATP) mRNA, complete cds.//0//1797bp//99%//AF055899
- 55 C-NT2RM4002565//Mus musculus Sec8 mRNA, complete cds.//0//1915bp//87%//AF022962
- C-NT2RM4002571//H.sapiens mRNA for UDP-GalNAc:polypeptide N-acetylgalactosaminyltransferase (T2).//4.60E-78//921bp//69%//X85019
- C-NT2RM4002594//MSP1 PROTEIN HOMOLOG.//2.70E-68//236aa//58%//P54815

C-NT2RM4002623//ASPARTYL-TRNA SYNTHETASE (EC 6.1.1.12) (ASPARTATE--TRNA UGASE) (ASPRS)//
 2.30E-101//488aa//45%//O32038
 C-NT2RP1000018//Homo sapiens mRNA for NIK, partial cds.//0//1747bp//99%//AB013385
 C-NT2RP1000035//Homo sapiens mRNA for NS1-binding protein (NS1-BP).//0//1652bp//99%//AJ012449
 5 C-NT2RP1000040//Mus musculus donson protein (Donson) mRNA, partial cds.//5.90E-150//1025bp//82%//
 AF193608
 C-NT2RP1000086//H.sapiens mRNA for zinc finger protein, Hsa12.//0//1162bp//99%//X98834
 C-NT2RP1000111//COP1 REGULATORY PROTEIN//4.00E-116//296aa//51%//P93471
 C-NT2RP1000130//HEPATOMA-DERIVED GROWTH FACTOR (HDGF).//4.50E-50//181aa//60%//P51859
 10 C-NT2RP1000163//Homo sapiens cell cycle progression 2 protein (CPR2) mRNA, complete cds.//3.40E-270//
 951bp//98%//AF011792
 C-NT2RP1000202//ANKYRIN.//1.00E-25//302aa//34%//Q02357
 C-NT2RP1000272//Mus musculus mRNA for neural specific sr protein NSSR 2, complete cds.//1.40E-267//
 1155bp//87%//AB015895
 15 C-NT2RP1000326//Homo sapiens metaxin 2 (MTX2) mRNA, nuclear gene encoding mitochondrial protein, com-
 plete cds.//1.30E-275//1249bp//99%//AF053551
 C-NT2RP1000333//ANTI-SILENCING PROTEIN 1.//8.70E-47//155aa//58%//P32447
 C-NT2RP1000348//REDUCED VIABILITY UPON STARVATION PROTEIN 161.//1.70E-15//162aa//30%//P25343
 C-NT2RP1000363//R.norvegicus LL5 mRNA77.90E-262//1175bp//83%//X74226
 20 C-NT2RP1000376//Homo sapiens Ca²⁺-independent phospholipase A2 long isoform (iPLA2) mRNA, complete
 cds.//0//2252bp//96%//AF102989
 C-NT2RP1000413//MEMBRANE-ASSOCIATED PROTEIN HEM-2 (NAP1 PROTEIN).//1.90E-153//230aa//99%//
 P55161
 C-NT2RP1000439//Xenopus laevis chromosome condensation protein XCAP-G mRNA, complete cds.//1.80E-
 25 94//1019bp//63%//AF111423
 C-NT2RP1000443//QUINONE OXIDOREDUCTASE (EC 1.6.5.5) (NADPH:QUINONE REDUCTASE) (ZETA-
 CRYSTALLIN).//2.40E-10//227aa//25%//Q08257
 C-NT2RP1000460//NUCLEAR MOVEMENT PROTEIN NUDC.//3.80E-19//149aa//36%//P17624
 C-NT2RP1000470//PUTATIVE ATP-DEPENDENT RNA HELICASE T26G10.1 IN CHROMOSOME III.//2.60E-94//
 30 254aa//47%//P34580
 C-NT2RP1000478//TUBULIN BETA-5 CHAIN (CLASS-V).//4.50E-240//445aa//97%//P09653
 C-NT2RP1000481//Homo sapiens antigen NY-CO-3 (NY-CO-3) mRNA, partial cds.//7.5e-315//1445bp//99%//
 AF039688
 C-NT2RP1000493//POSSIBLE DNA-REPAIR PROTEIN XP-E (POSSIBLE XERODERMA PIGMENTOSUM
 35 GROUP E PROTEIN) (UV-DAMAGED DNA-BINDING PROTEIN) (UV-DDB).//3.60E-30//534aa//23%//P33194
 C-NT2RP1000513//Human NifU-like protein (hNifU) mRNA, partial cds.//6.50E-171//516bp//99%//U47101
 C-NT2RP1000522//UBIQUITIN CARBOXYL-TERMINAL HYDROLASE DUB-1 (EC 3.1.2.15) (UBIQUITIN THI-
 OLESTERASE DUB-1) (UBIQUITIN-SPECIFIC PROCESSING PROTEASE DUB-1) (DEUBIQUITINATING EN-
 ZYME 1).//8.20E-83//345aa//47%//Q61068
 40 C-NT2RP1000547//COP-COATED VESICLE MEMBRANE PROTEIN P24 PRECURSOR (FRAGMENT).//1.10E-
 27//193aa//35%//P49020
 C-NT2RP1000574//HOMEBOX PROTEIN MEIS2 (MEIS1-RELATED PROTEIN 1).//3.50E-75//151aa//94%//
 P97367
 C-NT2RP1000630//NECDIN.//2.40E-44//227aa//41%//P25233
 45 C-NT2RP1000677//SODIUM-INDEPENDENT ORGANIC ANION TRANSPORTER (ORGANIC ANION TRANS-
 PORTING POLYPEPTIDE).//1.20E-78//483aa//31%//P46721
 C-NT2RP1000701//Homo sapiens phospholipase A2 activating protein (PLA2P) mRNA, complete cds.//0//
 1687bp//99%//AF145020
 C-NT2RP1000733//Human mRNA for GSPT1-TK protein,complete cds.//0//2057bp//99%//E14379
 50 C-NT2RP1000738//Homo sapiens Wolf-Hirschhorn syndrome candidate 2 protein (WHSC2) mRNA, complete
 cds.//0//2186bp//99%//AF101434
 C-NT2RP1000746//Homo sapiens 60S acidic ribosomal protein PO mRNA, complete cds.//9.70E-196//901bp//
 99%//AF173378
 C-NT2RP1000782//PLATELET-ENDOTHELIAL TETRASPAN ANTIGEN 3 (PETA-3) (GP27) (MEMBRANE GLYC-
 55 OPROTEIN SFA-1) (CD151 ANTIGEN).//1.20E-30//232aa//30%//O35566
 C-NT2RP1000825//GTPASE-ACTIVATING PROTEIN RHOGAP (RHO-RELATED SMALL GTPASE PROTEIN
 ACTIVATOR) (CDC42 GTPASE-ACTIVATING PROTEIN) (P50-RHOGAP).//8.20E-83//334aa//50%//Q07960
 C-NT2RP1000833//Homo sapiens cGMP phosphodiesterase AI (PDE9A) mRNA, complete cds.//0//1494bp//99%//

AF067223

C-NT2RP1000834//Homo sapiens alpha-methylacyl-CoA racemase mRNA, complete cds.//1.80E-176//829bp//98%//AF047020

C-NT2RP1000856//PLATELET-ENDOTHELIAL TETRASPAN ANTIGEN 3 (PETA-3) (GP27) (MEMBRANE GLYCOPROTEIN SFA-1) (CD151 ANTIGEN).//1.20E-30//232aa//30%//O35566

C-NT2RP1000860//Homo sapiens KL04P mRNA, complete cds.//0//1555bp//99%//AF064094

C-NT2RP1000902//HYPOTHETICAL 127.4 KD PROTEIN F07F6.4 IN CHROMOSOME III.//5.20E-20//306aa//33%//Q09531

C-NT2RP1000915//AUTOANTIGEN NGP-1.//1.70E-19//343aa//25%//Q13823

C-NT2RP1000947//Human E2 ubiquitin conjugating enzyme UbCH5B (UBCH5B) mRNA, complete cds.//4.60E-105//504bp//99%//U39317

C-NT2RP1000954//RING CANAL PROTEIN (KELCH PROTEIN).//1.40E-23//370aa//28%//Q04652

C-NT2RP1000958//AUTOANTIGEN NGP-1.//1.40E-19//343aa//25%//Q13823

C-NT2RP1000959//Human acidic ribosomal phosphoprotein P0 mRNA, complete cds.//2.50E-236//966bp//99%//M17885

C-NT2RP1000966//NUCLEOLIN (PROTEIN C23).//8.90E-299//554aa//99%//P19338

C-NT2RP1001011//Drosophila melanogaster putative 43 kDa protein (TH1) mRNA, complete cds.//2.20E-78//1529bp//61%//L01790

C-NT2RP1001013//ZINC FINGER PROTEIN 83 (ZINC FINGER PROTEIN HPF1).//7.70E-253//425aa//98%//P51522

C-NT2RP1001033//Homo sapiens delta-tubulin mRNA, complete cds.//2.10E-285//1290bp//100%//AF201333

C-NT2RP1001073//Homo sapiens U6 snRNA-associated Sm-like protein LSm5 mRNA, complete cds.//8.10E-107//504bp//99%//AF182291

C-NT2RP1001079//Oryctolagus cuniculus sarcosine oxidase (SOX) mRNA, complete cds.//0//2085bp//99%//U82267

C-NT2RP1001080//PROBABLE ATP-DEPENDENT RNA HELICASE DBP9.//2.30E-116//319aa//46%//Q06218

C-NT2RP1001113//Homo sapiens CTL2 gene.//0//2790bp//98%//AJ245621

C-NT2RP1001177//Rattus norvegicus histone macroH2A1.2 mRNA, complete cds.//5.20E-108//1278bp//69%//U79139

C-NT2RP1001185//Human isovaleryl-coA dehydrogenase (IVD) mRNA, complete cds.//1.90E-158//729bp//99%//M34192

C-NT2RP1001247//Homo sapiens TGF-beta type secreted signaling protein LEFTYA mRNA, complete cds.//0//2006bp//100%//AF081513

C-NT2RP1001253//Homo sapiens oscillin (hLn) mRNA, complete cds.//0//2020bp//99%//AF029914

C-NT2RP1001294//MICROTUBULE-ASSOCIATED PROTEIN YTM1.//1.80E-38//258aa//32%//Q12024

C-NT2RP1001302//MICROTUBULE-ASSOCIATED PROTEIN YTM1.//1.80E-38//258aa//32%//Q12024

C-NT2RP1001310//Homo sapiens mitochondrial carrier homolog 1 isoform a mRNA, partial cds; nuclear gene for mitochondrial product.//0//1732bp//99%//AF176006

C-NT2RP1001313//Homo sapiens delta-6 fatty acid desaturase mRNA, complete cds.//7.50E-121//1394bp//69%//AF126799

C-NT2RP1001361//Homo sapiens NADH-ubiquinone oxidoreductase subunit B14.5B homolog mRNA, complete cds.//6.50E-116//541bp//100%//AF070652

C-NT2RP1001385//HYPOTHETICAL 48.8 KD PROTEIN IN SSU81-SCS2 INTERGENIC REGION.//2.70E-22//284aa//25%//P40074

C-NT2RP1001395//Homo sapiens COP9 complex subunit 7a mRNA, complete cds.//0//1782bp//99%//AF210052

C-NT2RP1001410//PUTATIVE GTP-BINDING PROTEIN W08E3.3.//8.90E-141//396aa//67%//P91917

C-NT2RP1001449//Mus musculus Gng31g mRNA, complete cds.//7.20E-165//800bp//87%//AF069954

C-NT2RP1001457//Homo sapiens partial mRNA for beta-transducin family protein (putative).//1.20E-137//629bp//100%//AJ005257

C-NT2RP1001482//Mouse oncogene (ect2) mRNA, complete cds.//2.10E-158//755bp//86%//L11316

C-NT2RP1001494//MALE STERILITY PROTEIN 2.//7.20E-40//261aa//27%//Q08891

C-NT2RP1001543//MYO-INOSITOL-1-PHOSPHATE SYNTHASE (EC 5.5.1.4) (IPS).//1.60E-166//506aa//60%//P42803

C-NT2RP1001546//PLATELET-ENDOTHELIAL TETRASPAN ANTIGEN 3 (PETA-3) (GP27) (MEMBRANE GLYCOPROTEIN SFA-1) (CD151 ANTIGEN).//1.60E-30//232aa//30%//O35566

C-NT2RP1001569//SIGNAL RECOGNITION PARTICLE RECEPTOR BETA SUBUNIT (SR-BETA).//5.80E-121//271aa//89%//P47758

C-NT2RP1001665//CALMODULIN.//0.00000051//83aa//30%//P02594

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C-NT2RP2000006//DNAJ PROTEIN (40 KD HEAT SHOCK CHAPERONE PROTEIN) (HSP40).//9.80E-17//79aa//55%//O34136
C-NT2RP2000008//ZINC FINGER PROTEIN 84 (ZINC FINGER PROTEIN HPF2).//2.40E-17//726aa//47%//P51523
5 C-NT2RP2000032//RAS SUPPRESSOR PROTEIN 1 (RSU-1) (RSP-1 PROTEIN) (RSP-1)7/1.80E-22//184aa//34%//Q01730
C-NT2RP2000045//Homo sapiens tumorous imaginal discs protein Tid56 homolog (TID1) mRNA, complete cds.//0//1390bp//98%//AF061749
10 C-NT2RP2000054//Homo sapiens putative ring zinc finger protein NY-REN-43 antigen mRNA, complete cds.//0//2245bp//99%//AF155109
C-NT2RP2000056//PROTEIN-TYROSINE PHOSPHATASE EPSILON PRECURSOR (EC 3.1.3.48) (R-PTP- EP-SILON).//9.40E-16//45aa//100%//P49446
C-NT2RP2000067//Mus musculus ODZ3 (Odz3) mRNA, partial cds.//0//3546bp//99%//AF195418
15 C-NT2RP2000070//CADHERIN-RELATED TUMOR SUPPRESSOR PRECURSOR (FAT PROTEIN).//3.40E-51//383aa//32%//P33450
C-NT2RP2000076//Homo sapiens partial mRNA for polyhomeotic 2 protein (PH2 gene).//7.90E-20//265bp//73%//AJ242730
C-NT2RP2000114//Homo sapiens mRNA for GM3 synthase, complete cds.//0//2244bp//99%//AB018356
20 C-NT2RP2000126//POSSIBLE GLOBAL TRANSCRIPTION ACTIVATOR SNF2L.//2.50E-117//541aa//42%//P41877
C-NT2RP2000133//Homo sapiens Leman coiled-coil protein (LCCP) mRNA, complete cds.//0//1490bp//99%//AF175966
C-NT2RP2000147//CLATHRIN COAT ASSEMBLY PROTEIN AP47 (CLATHRIN COAT ASSOCIATED PROTEIN AP47) (GOLGI ADAPTOR AP-1 47 KD PROTEIN) (HA1 47 KD SUBUNIT) (CLATHRIN ASSEMBLY PROTEIN
25 ASSEMBLY PROTEIN COMPLEX 1 MEDIUM CHAIN).//4.40E-226//423aa//99%//P35585
C-NT2RP2000153//GAR2 PROTEIN.//9.80E-23//311aa//28%//P41891
C-NT2RP2000157//MLO2 PROTEIN.//2.60E-11//62aa//40%//Q09329
C-NT2RP2000161//DIS3 PROTEIN HOMOLOG.//4.10E-35//184aa//44%//Q17632
30 C-NT2RP2000183//DIHYDROPYRIMIDINASE RELATED PROTEIN-2 (DRP-2) (NEURAL SPECIFIC PROTEIN NSP60).//3.30E-16//114aa//44%//O02675
C-NT2RP2000195//Homo sapiens androgen induced protein (AIG-1) mRNA, complete cds.//7.80E-152//704bp//99%//AF153605
C-NT2RP2000224//INSULIN RECEPTOR SUBSTRATE-1 (IRS-1).//0.000043//103aa//28%//P35568
35 C-NT2RP2000248//UDP-N-ACETYLGLUCOSAMINE--PEPTIDE N-ACETYLGLUCOSAMINYLTRANSFERASE 110 KD SUBUNIT (EC 2.4.1.-) (O-GLCNAC TRANSFERASE P110 SUBUNIT).//3.40E-21//210aa//33%//P56558
C-NT2RP2000257//PUTATIVE MITOCHONDRIAL CARRIER YIL006W.//9.70E-41//278aa//36%//P40556
C-NT2RP2000258//ACTIVATOR 1 140 KD SUBUNIT (REPLICATION FACTOR C LARGE SUBUNIT) (AI 140 KD SUBUNIT) (RF-C 140 KD SUBUNIT) (ACTIVATOR 1 LARGE SUBUNIT) (DNA-BINDING PROTEIN PO-GA).//7.10E-12//213aa//23%//P35251
40 C-NT2RP2000270//Human putative G-protein coupled receptor (SH120) mRNA, complete cds.//1.30E-242//1043bp//99%//U78723
C-NT2RP2000288//HYPOTHETICAL 111.9 KD PROTEIN C22H10.03C IN CHROMOSOME I.//1.60E-27//576aa//25%//Q10297
C-NT2RP2000297//ZINC FINGER PROTEIN 184 (FRAGMENT).//3.30E-186//256aa//60%//Q99676
45 C-NT2RP2000310//Human proline dehydrogenase/proline oxidase (PRODH) mRNA, complete cds.//4.30E-279//1193bp//99%//U82381
C-NT2RP2000329//GTP:AMP PHOSPHOTRANSFERASE MITOCHONDRIAL (EC 2.7.4.10) (AK3).//2.00E-111//226aa//92%//P08760
50 C-NT2RP2000346//Homo sapiens apoptosis associated protein (GADD34) mRNA, complete cds.//0//2331bp//99%//U83981
C-NT2RP2000414//Homo sapiens HnRNP F protein mRNA, complete cds.//0//1886bp//99%//L28010
C-NT2RP2000420//ZINC FINGER PROTEIN 165.//8.50E-33//155aa//52%//P49910
C-NT2RP2000422//Homo sapiens N-acetylglucosamine-phosphate mutase mRNA, complete cds.//0//1757bp//99%//AF102265
55 C-NT2RP2000448//KES1 PROTEIN.//8.70E-54//392aa//38%//P35844
C-NT2RP2000523//APOLOPROTEIN B MRNA EDITING PROTEIN (HEPR) (APOBEC-1).//6.00E-16//124aa//34%//P41238
C-NT2RP2000660//SAP1 PROTEIN.//5.20E-68//474aa//32%//P39955

- C-NT2RP2000668//SERINE/THREONINE PROTEIN KINASE PKPA (EC 2.7.1.-)//1.30E-27//349aa//32%//Q01577
- C-NT2RP2000710//ASPARTYL-TRNA SYNTHETASE (EC 6.1.1.12) (ASPARTATE--TRNA LIGASE)//2.70E-100//488aa//44%//O32038
- 5 C-NT2RP2000764//NIFS PROTEIN//6.60E-36//252aa//42%//P12623
- C-NT2RP2000809//Homo sapiens BAG-family molecular chaperone regulator-5 mRNA, complete cds//0//3347bp//99%//AF095195
- C-NT2RP2000812//DILUTE MYOSIN HEAVY CHAIN, NON-MUSCLE (MYOSIN 5A)//5-.60E-08//179aa//29%//Q99104
- 10 C-NT2RP2000814//GELATION FACTOR (ACTIN BINDING PROTEIN 120) (ABP-120)//1.10E-07//96aa//29%//P13466
- C-NT2RP2000816//MAGNESIUM-CHELATASE 30 KD SUBUNIT//7.90E-08//172aa//28%//P26174
- C-NT2RP2000842//Human lysophosphatidic acid receptor homolog mRNA, complete cds//0//1562bp//99%//U80811
- 15 C-NT2RP2000880//PROBABLE TRANSLATION INITIATION FACTOR IF-2//0//694aa//99%//O60841
- C-NT2RP2000892//Rattus norvegicus db83 mRNA, complete cds//2.90E-191//1094bp//85%//AB006135
- C-NT2RP2000931//MATRIN 3//2.40E-289//467aa//95%//P43244
- C-NT2RP2000943//Homo sapiens sec24D protein mRNA, complete cds//0//2767bp//99%//AF130464
- C-NT2RP2000965//Homo sapiens mRNA for fls353, complete cds//0//1989bp//96%//AB024704
- 20 C-NT2RP2001070//PUTATIVE PYRIDOXAMINE 5'-PHOSPHATE OXIDASE (EC 1.4.3.5) (PNP/PMP OXIDASE)//5.80E-46//222aa//45%//Q20939
- C-NT2RP2001081//SYNAPTOTAGMIN IV//4.20E-118//430aa//54%//P50232
- C-NT2RP2001127//Homo sapiens mRNA for PLU-1 protein//0//2514bp//99%//AJ132440
- C-NT2RP2001168//VERPROLIN//1.50E-09//143aa//33%//P37370
- 25 C-NT2RP2001174//GASTRULA ZINC FINGER PROTEIN XLGCF46.1 (FRAGMENT)//6.00E-10//88aa//38%//P18722
- C-NT2RP2001233//ZINC FINGER PROTEIN 91 (ZINC FINGER PROTEIN HTF10) (HPF7)//2.00E-128//409aa//45%//Q05481
- C-NT2RP2001245//MYOSIN HEAVY CHAIN, NONMUSCLE (CELLULAR MYOSIN HEAVY CHAIN) (NMMHC)//2.20E-10//366aa//28%//P14105
- 30 C-NT2RP2001290//BETA-SOLUBLE NSF ATTACHMENT PROTEIN (SNAP-BETA) (SNAP-ALPHA HOMOLOG) (BRAIN PROTEIN 147) (FRAGMENT)//4.40E-91//179aa//99%//P28663
- C-NT2RP2001295//ZINC/CADMIUM RESISTANCE PROTEIN//8.30E-39//161aa//34%//P20107
- C-NT2RP2001327//TUMOR NECROSIS FACTOR, ALPHA-INDUCED PROTEIN 1, ENDOTHELIAL (B12 PROTEIN)//5.50E-116//311aa//71%//Q13829
- 35 C-NT2RP2001378//MUCIN 2 PRECURSOR (INTESTINAL MUCIN 2)//2.00E-11//403aa//25%//Q02817
- C-NT2RP2001392//MITOCHONDRIAL LON PROTEASE HOMOLOG 1 PRECURSOR (EC 3.4.21.-)//8.40E-192//581aa//54%//P93647
- C-NT2RP2001394//Homo sapiens mRNA for SCML2 protein//0//2068bp//99%//Y18004
- 40 C-NT2RP2001397//Homo sapiens mRNA for cyclin B2, complete cds//1.9e-316//1428bp//100%//AB020981
- C-NT2RP2001420//Mus musculus nuclear protein NIP45 mRNA, complete cds//9.00E-112//742bp//82%//U76759
- C-NT2RP2001440//Homo sapiens mRNA for 14-3-3gamma, complete cds//0//3712bp//99%//AB024334
- C-NT2RP2001460//TRICHOHYAUN//1.00E-14//521aa//24%//P37709
- C-NT2RP2001511//Homo sapiens putative RNA-binding protein Q99 mRNA, complete cds//3.20E-297//2206bp//75%//AF093097
- 45 C-NT2RP2001520//Homo sapiens mRNA for mitochondrial carrier protein ARALAR1//0//2502bp//99%//Y14494
- C-NT2RP2001536//Homo sapiens X-ray repair cross-complementing protein 3 (XRCC3) mRNA, complete cds//0//2326bp//99%//AF035586
- C-NT2RP2001560//VAV2 PROTEIN//0.00000015//219aa//27%//Q60992
- 50 C-NT2RP2001576//HYPOTHETICAL 62.2 KD PROTEIN C4G8.12C IN CHROMOSOME I//8.20E-29//294aa//31%//Q09837
- C-NT2RP2001597//RYANODINE RECEPTOR, CARDIAC MUSCLE//0.000000036//127aa//36%//P30957
- C-NT2RP2001601//Homo sapiens SUMO-1-specific protease (SSP1) mRNA, complete cds//0//1748bp//99%//AF196304
- 55 C-NT2RP2001613//MITOCHONDRIAL IMPORT RECEPTOR SUBUNIT TOM40 (MOM38 PROTEIN) (TRANSLOCASE OF OUTER MEMBRANE 40 KD SUBUNIT)//6.10E-12//184aa//31%//P24391
- C-NT2RP2001634//Homo sapiens alpha-catenin-like protein mRNA, complete cds//0//2445bp//99%//U97067
- C-NT2RP2001660//Homo sapiens putative 13 S Golgi transport complex 90kD subunit brain-specific isoform mR-

NA, complete cds.//0//1287bp//99%//AF058718
 C-NT2RP2001663//ENOLASE (EC 4.2.1.11) (2-PHOSPHOGLYCERATE DEHYDRATASE), (2-PHOSPHO-D-GLYCERATE HYDRO-LYASE) (FRAGMENT).//1.10E-47//126aa//53%//P42897
 C-NT2RP2001740//UBIQUITIN CARBOXYL-TERMINAL HYDROLASE DUB-1 (EC 3.1.2.15) (UBIQUITIN THIOLESTERASE DUB-1) (UBIQUITIN-SPECIFIC PROCESSING PROTEASE DUB-1) (DEUBIQUITINATING ENZYME 1).//7.90E-52//220aa//44%//Q61068
 5 C-NT2RP2001748//FARNESYL PYROPHOSPHATE SYNTHETASE (FPP SYNTHETASE) (FPS) (FARNESYL DI-PHOSPHATE SYNTHETASE) (DIMETHYLALLYLTRANSFERASE (EC 2.5.1.1) / GERANYLTRANSTRANS-FERASE (EC 2.5.1.10)) (KIAA0032).//5.40E-47//96aa//797%//P14324
 10 C-NT2RP2001756//ZINC FINGER PROTEIN 84 (ZINC FINGER PROTEIN HPF2).//1.70E-49//411aa//32%//P51523
 C-NT2RP2001839//SCY1 PROTEIN.//5.40E-32//621aa//24%//P53009
 C-NT2RP2001869//ZINC FINGER PROTEIN 191.//7.10E-26//126aa//52%//O14754
 C-NT2RP2001876//ALLOGRAFT INFLAMMATORY FACTOR-1 (AIF-1) (IONIZED CALCIUM BINDING ADAPTER MOLECULE 1).//1.20E-45//141aa//65%//P55008
 15 C-NT2RP2001883//Homo sapiens CGI-01- protein mRNA, complete cds.//0//2306bp//99%//AF132936
 C-NT2RP2001898//Human inositol polyphosphate 5-phosphatase (5ptase) mRNA, 3' end.//0//2518bp//98%//M74161
 C-NT2RP2001900//ACTIN-LIKE PROTEIN ARP5.//2.30E-38//395aa//30%//P53946
 20 C-NT2RP2001976//Mus musculus calmodulin-binding protein SHA1 (Sha1) mRNA, complete cds.//4.70E-177//1538bp//74%//AF062378
 C-NT2RP2001985//Homo sapiens high-risk human papilloma viruses E6 oncoproteins targeted protein E6TP1 alpha mRNA, complete cds.//2.00E-38//435bp//67%//AF090989
 C-NT2RP2001991//SODIUM- AND CHLORIDE-DEPENDENT TRANSPORTER NTT73.//6.50E-129//279aa//85%//Q08469
 25 C-NT2RP2002025//NG-CAM RELATED CELL ADHESION MOLECULE PRECURSOR (NR-CAM) (BRAVO).//1.70E-47//247aa//52%//P35331
 C-NT2RP2002046//Homo sapiens mRNA for transcription factor.//0//1664bp//99%//AJ130894
 C-NT2RP2002058//Homo sapiens WD repeat protein WDR3 (WDR3) mRNA, complete cds.//0//2510bp//99%//AF083217
 30 C-NT2RP2002066//Rattus norvegicus transmembrane receptor Unc5H2 mRNA, complete cds.//1.60E-226//1301bp//88%//U87306
 C-NT2RP2002078//PECANEX PROTEIN.//1.80E-09//195aa//32%//P18490
 C-NT2RP2002079//HISTONE HI, GONADAL.//4.40E-11//214aa//34%//P02256
 35 C-NT2RP2002099//Homo sapiens mRNA for E1B-55kDa-associated protein.//0//33 89bp//99%//AJ007509
 C-NT2RP2002105//H.sapiens MSH-R gene for melanocyte stimulating hormone receptor.//0//1644bp//98%//X65634
 C-NT2RP2002124//UBIQUITIN CARBOXYL-TERMINAL HYDROLASE 4 (EC 3.1.2.15) (UBIQUITIN THIOLESTERASE 4) (UBIQUITIN-SPECIFIC PROCESSING PROTEASE 4) (DEUBIQUITINATING ENZYME 4) (UBIQUITOUS NUCLEAR PROTEIN HOMOLOG).//4.30E-44//155aa//37%//Q13107
 40 C-NT2RP2002185//Homo sapiens ubiquilin mRNA, complete cds.//0//1789bp//99%//AF176069
 C-NT2RP2002193//Homo sapiens PIAS3 mRNA for protein inhibitor of activated STAT3, complete cds.//0//2809bp//99%//AB021868
 C-NT2RP2002252//Mus musculus (clone pVZmSin3A9) mSin3A9 mRNA, complete cds.//0//3118bp//91%//L38621
 45 C-NT2RP2002256//Homo sapiens retinoic acid hydroxylase mRNA, complete cds.//0//1528bp//98%//AF005418
 C-NT2RP2002270//AF-9 PROTEIN.//1.20E-07//74aa//36%//P42568
 C-NT2RP2002312//Homo sapiens mRNA for CDS2 protein.//0//2333bp//99%//Y16521
 C-NT2RP2002325//Homo sapiens mRNA for Pex11p, complete cds.//8.40E-254//1158bp//99%//AB015594
 C-NT2RP2002385//Homo sapiens synaptic glycoprotein SC2 spliced variant mRNA, complete cds.//4.30E-240//1105bp//99%//AF038958
 50 C-NT2RP2002408//Homo sapiens mRNA for TOLLIP protein.//3.20E-210//1136bp//93%//AJ242972
 C-NT2RP2002442//HESA PROTEIN.//2.80E-14//163aa//30%//P46037
 C-NT2RP2002464//DNA CROSS-LINK REPAIR PROTEIN PSO2/SNM1.//6.50E-07//171aa//27%//P30620
 C-NT2RP2002479//Homo sapiens mRNA for ABC transporter 7 protein, complete cds.//0//2180bp//99%//AB005289
 55 C-NT2RP2002503//ZINC FINGER PROTEIN 45 (BRC1744).//4.60E-144//537aa//49%//Q02386
 C-NT2RP2002520//Homo sapiens transcription factor RFX-B (RFXB) mRNA, complete cds.//3.70E-34//668bp//61%//AF105427

- C-NT2RP2002537//HYPOTHETICAL 55.1 KD PROTEIN B0416.5 IN CHROMOSOME X.//6.20E-19//288aa//26%//Q11073
- C-NT2RP2002591//ZINC FINGER PROTEIN 84 (ZINC FINGER PROTEIN HPF2).//1.20E-155//562aa//50%//P51523
- 5 C-NT2RP2002595//PROBABLE CALCIUM-BINDING PROTEIN ALG-2 (PMP41) (ALG-257).//7.50E-35//181aa//42%//P12815
- C-NT2RP2002606//Rattus norvegicus Rabin3 mRNA, complete cds.//9.20E-147//874bp//87%//U19181
- C-NT2RP2002609//2-HYDROXYMUCONIC SEMIALDEHYDE HYDROLASE (EC 3.1.1.-) (HMSH).//2.80E-08//109aa//37%//P19076
- 10 C-NT2RP2002618//PROTEIN ARGININE N-METHYLTRANSFERASE 2 (EC 2.1.1.).//1.70E-51//326aa//38%//P55345
- C-NT2RP2002701//HYPOTHETICAL 38.1 KD PROTEIN C2F12.15C IN CHROMOSOME II.//1.90E-14//210aa//30%//O14345
- C-NT2RP2002710//SH3-BINDING PROTEIN 3BP-1.//4.90E-85//489aa//43%//P55194
- 15 C-NT2RP2002727//Rattus norvegicus tulip 2 mRNA, complete cds.//3.50E-74//727bp//72%//AF041107
- C-NT2RP2002741//Homo sapiens mRNA for Neuroblastoma, complete cds.//9.90E-54//964bp//64%//D89016
- C-NT2RP2002862//60S ACIDIC RIBOSOMAL PROTEIN P0 (LIGHT-INDUCED 34 KD PROTEIN).//8.80E-10//203aa//27%//P29764
- C-NT2RP2002880//GLUCOSE REPRESSION MEDIATOR PROTEIN.//0.000039//206aa//23%//P14922
- 20 C-NT2RP2002928//Homo sapiens pre-mRNA splicing factor (PRP17) mRNA, complete cds.//1.90E-136//623bp//100%//AF038392
- C-NT2RP2002929//HYPOTHETICAL 46.2 KD TRP-ASP REPEATS CONTAINING PROTEIN D2013.2 IN CHROMOSOME II.//4.10E-87//395aa//40%//Q18964
- C-NT2RP2002939//ZINC FINGER PROTEIN 136.//5.40E-70//282aa//42%//P52737
- 25 C-NT2RP2002959//UBIQUITIN-CONJUGATING ENZYME E2-17 KD 2 (EC 6.3.2.19) (UBIQUITIN- PROTEIN LIGASE) (UBIQUITIN CARRIER PROTEIN) (E2(17)KB 2).//4.60E-80//147aa//100%//P51669
- C-NT2RP2002980//30S RIBOSOMAL PROTEIN S10.//1.00E-08//98aa//36%//P10129
- C-NT2RP2002986//Homo sapiens mRNA for Kelch motif containing protein, complete cds.//0//2209bp//99%//AB026190
- 30 C-NT2RP2002993//DNA-DIRECTED RNA POLYMERASE 1135 KD POLYPEPTIDE (EC 2.7.7.6) (RNA POLYMERASE I SUBUNIT 2) (RPA135).//0//716aa//91%//P70700
- C-NT2RP2003000//TUMOR NECROSIS FACTOR, ALPHA-INDUCED PROTEIN 1, ENDOTHELIAL (B12 PROTEIN).//L90E-11//132aa//38%//Q13829
- C-NT2RP2003121//Mus musculus enhancer of polycbmb (Epc1) mRNA, complete cds.//2.30E-82//642bp//68%//AF079765
- 35 C-NT2RP2003125//RING CANAL PROTEIN (KELCH PROTEIN).//2.40E-38//539aa//25%//Q04652
- C-NT2RP2003137//UBIQUITIN.//0.000026//70aa//30%//P13117
- C-NT2RP2003157//SPLICING FACTOR, ARGININE/SERINE-RICH 4 (PRE-MRNA SPLICING FACTOR SRP75).//1.30E-13//185aa//38%//Q08170
- 40 C-NT2RP2003158//Homo sapiens mRNA for proteasome subunit p58, complete cds.//0//2091bp//99%//D67025
- C-NT2RP2003164//Homo sapiens mRNA for protein kinase.//0//2313bp//99%//AJ132545
- C-NT2RP2003177//Homo sapiens recombination and sister chromatid cohesion protein homolog (hrec8) mRNA, partial cds.//0//1641bp//99%//AF006264
- C-NT2RP2003228//H.sapiens PI-Cdc21 mRNA.//0//2870bp//98%//X74794
- 45 C-NT2RP2003230//Rattus norvegicus endo-alpha-D-mannosidase (Enman) mRNA, complete cds.//2.60E-186//1551bp//77%//AF023657
- C-NT2RP2003243//Homo sapiens partial mRNA for putative p621 protein which interacts with transcription factor Sp1.//0//1544bp//99%//AJ242978
- C-NT2RP2003265//Homo sapiens CGI-53 protein mRNA, complete cds.//0//1580bp//99%//AF151811
- 50 C-NT2RP2003272//Homo sapiens ubiquilin mRNA, complete cds.//0//1789bp//99%//AF176069
- C-NT2RP2003277//NAM7 PROTEIN (NONSENSE-MEDIATED MRNA DECAY PROTEIN 1) (UP-FRAMESHIFT SUPPRESSOR 1).//1.90E-16//145aa//43%//P30771
- C-NT2RP2003286//PROBABLE RNA 3'-TERMINAL PHOSPHATE CYCLASE (EC 6.5.1.4) (RNA-3'- PHOSPHATE CYCLASE) (RNA CYCLASE).//4.20E-88//374aa//47%//Q23400
- 55 C-NT2RP2003295//Homo sapiens RMP mRNA for RPB5 meidating protein, complete cds.//0//1526bp//99%//AB006572
- C-NT2RP2003307//KINESIN LIGHT CHAIN (KLC).//2.20E-199//550aa//70%//Q07866
- C-NT2RP2003308//CROOKED NECK PROTEIN.//5.40E-244//622aa//67%//P17886

- C-NT2RP2003329//PUTATIVE ADENYLATE CYCLASE REGULATORY PROTEIN.//3.60E-14//332aa//32%//P26337
- C-NT2RP2003347//BREAST CANCER TYPE 1 SUSCEPTIBILITY PROTEIN HOMOLOG.//0.000022//261aa//24%//P48754
- 5 C-NT2RP2003391//Homo sapiens mRNA for nuclear transport receptor.//0//1509bp//99%//AJ133769
- C-NT2RP2003394//INTRACELLULAR PROTEIN TRANSPORT PROTEIN USO1.//5.50E-13//302aa//26%//P25386
- C-NT2RP2003401//UBIQUITIN CARBOXYL-TERMINAL HYDROLASE DUB-1 (EC 3.1.2.15) (UBIQUITIN THI-OLESTERASE DUB-1) (UBIQUITIN-SPECIFIC PROCESSING PROTEASE DUB-1) (DEUBIQUITINATING EN-
ZYME 1).//9.60E-78//346aa//43%//Q61068
- 10 C-NT2RP2003433//PROTEIN TRANSPORT PROTEIN SEC61 ALPHA SUBUNIT.//5.00E-131//269aa//91%//P38378
- C-NT2RP2003466//Homo sapiens delta-6 fatty acid desaturase mRNA, complete cds.//0//2194bp//99%//AF126799
- 15 C-NT2RP2003480//Homo sapiens zinc finger DNA binding protein 99 (ZNF281) mRNA, complete cds.//0//3012bp//99%//AF125158
- C-NT2RP2003506//NADPH-CYTQCHROME P450 REDUCTASE (EC 1.6.2.4) (CPR).//5.40E-14//106aa//46%//P04175
- C-NT2RP2003513//Homo sapiens mRNA for paralemmin.//0//2137bp//97%//Y14770
- 20 C-NT2RP2003517//Human c-sis/platelet-derived growth factor 2 (SIS/PDGF2) mRNA, complete cds.//0//1746bp//95%//M12783
- C-NT2RP2003522//Homo sapiens zinc finger DNA binding protein 99 (ZNF281) mRNA, complete cds.//0//1764bp//99%//AF125158
- C-NT2RP2003543//HYPOTHETICAL TRNA/RRNA METHYLTRANSFERASE SLR1673 (EC 2.1.1.-).//1.70E-17//148aa//34%//P74261
- 25 C-NT2RP2003564//52 KD RO PROTEIN (SJOGREN SYNDROME TYPE A ANTIGEN (SS-A))(RO(SS-A))//2.10E-59//270aa//46%//P19474
- C-NT2RP2003596//Mus musculus Fas-apoptosis inhibitory molecule (Faim) mRNA, complete cds.//4.80E-82//530bp//85%//AF130367
- 30 C-NT2RP2003604//Homo sapiens alpha-catenin-like protein (CTNNA1) mRNA, complete cds.//0//2442bp//99%//AF030233
- C-NT2RP2003643//Mus musculus mRNA for CMP-N-acetylneuraminic acid synthetase.//9.40E-243//1624bp//82%//AJ006215
- C-NT2RP2003702//Homo sapiens 17 beta-hydroxysteroid dehydrogenase type VII (HSD17B7) mRNA, complete
cds.//2.1e-313//978bp//99%//AF098786
- 35 C-NT2RP2003704//Homo sapiens mRNA for ATP-dependent metalloprotease YME1L.//1.80E-72//350bp//100%//AJ132637
- C-NT2RP2003713//Homo sapiens ubiquitin-specific protease 3 (USP3) mRNA, complete cds.//0//2018bp//99%//AF073344
- 40 C-NT2RP2003714//ZINC FINGER PROTEIN 91 (ZINC FINGER PROTEIN HTF10) (HPF7).//5.40E-29//85aa//72%//Q05481
- C-NT2RP2003737//UBIQUITIN-CONJUGATING ENZYME E2-17 KD 2 (EC 6.3.2.19) (UBIQUITIN-PROTEIN LIGASE) (UBIQUITIN CARRIER PROTEIN) (E2(17)KB 2).//1.70E-75//147aa//93%//P51669
- C-NT2RP2003760//COATOMER GAMMA SUBUNIT (GAMMA-COAT PROTEIN) (GAMMA-COP).//0//869aa//80%//P53620
- 45 C-NT2RP2003781//HYPOTHETICAL 36.7 KD PROTEIN AH6.2 IN CHROMOSOME II.//5.50E-63//253aa//50%//Q09201
- C-NT2RP2003840//HYPOTHETICAL 48.1 KD PROTEIN B0403.2 IN CHROMOSOME X.//3.70E-21//137aa//43%//Q11076
- 50 C-NT2RP2003857//MYOTROPHIN (V-1 PROTEIN) (GRANULE CELL DIFFERENTIATION PROTEIN).//0.00000016//117aa//29%//Q91955
- C-NT2RP2003871//Homo sapiens transposon-derived Buster1 transposase-like protein gene, complete cds.//0//2807bp//99%//AF205601
- C-NT2RP2003912//SERINE/THREONINE-PROTEIN KINASE NEK1 (EC 2.7.1.-) (NIMA-RELATED PROTEIN KI-
NASE 1).//6.10E-183//387aa//87%//P51954
- 55 C-NT2RP2003952//AMINOPEPTIDASE B (EC 3.4.11.6) (ARGINYL AMINOPEPTIDASE) (ARGININE AMI-
NOPEPTIDASE) (CYTOSOL AMINOPEPTIDASE IV) (AP-B).//1.50E-23//200aa//30%//O09175
- C-NT2RP2003981//VACUOLAR PROTEIN SORTING-ASSOCIATED PROTEIN VPS8.//1.40E-16//664aa//20%//

P39702
 C-NT2RP2004013//TRANSCRIPTION FACTOR BTF3 (RNA POLYMERASE B TRANSCRIPTION FACTOR 3)//
 2.30E-53//141aa//78%/P20290
 C-NT2RP2004041//SYNAPSINS IA AND B//0.00000074//159aa//32%/P17599
 5 C-NT2RP2004066//Mus musculus Msx2 interacting nuclear target protein mRNA, complete cds//2.70E-288//
 1994bp//81%/AF156529
 C-NT2RP2004098//ADENYLATE CYCLASE (EC 4.6.1.1) (ATP PYROPHOSPHATE-LYASE) (ADENYLYL CYCLA-
 SE)//5.40E-30//319aa//31%/Q01513
 C-NT2RP2004170//Homo sapiens mRNA for transducin (beta) like 1 protein//1.10E-138//1236bp//74%/Y12781
 10 C-NT2RP2004187//ZINC FINGER PROTEIN 38 (ZFP-38) (CTFIN51) (TRANSCRIPTION FACTOR RU49)//
 5.60E-31//424aa//28%/Q07231
 C-NT2RP2004194//Rattus norvegicus Golgi SNARE GS15 mRNA, complete cds//3.80E-52//397bp//82%/AF003998
 C-NT2RP2004232//Homo sapiens EPK2 mRNA for serine/threonine kinase, complete cds//0//2272bp//99%/AB015982
 15 C-NT2RP2004239//Homo sapiens lok mRNA for protein kinase, complete cds//0//3044bp//99%/AB015718
 C-NT2RP2004242//NEUROFILAMENT TRIPLET H PROTEIN (200 KD NEUROFILAMENT PROTEIN) (NF-H)//
 9.90E-12//427aa//26%/P19246
 C-NT2RP2004245//Mus musculus pantothenate kinase 1 beta (panK1beta) mRNA, complete cds//6.40E-117//
 20 1122bp//72%/AF200357
 C-NT2RP2004270//PROTEIN PTM1 PRECURSOR//1.40E-16//334aa//24%/P32857
 C-NT2RP2004366//VACUOLAR PROTEIN SORTING-ASSOCIATED PROTEIN VPS 13//1.30E-51//505aa//
 29%/Q07878
 C-NT2RP2004389//PROBABLE MITOCHONDRIAL 40S RIBOSOMAL PROTEIN S9 PRECURSOR//9.30E-15//
 25 126aa//39%/P38120
 C-NT2RP2004392//MNN4 PROTEIN7//1.40E-11//143aa//27%/P36044
 C-NT2RP2004396//Homo sapiens mRNA for activator of S phase Kinase, complete cds//5.40E-243//1108bp//
 99%/AB028069
 C-NT2RP2004425//Mus musculus axotrophin mRNA, complete cds//0//2321bp//86%/AF155739
 30 C-NT2RP2004476//Homo sapiens cyclin L ania-6a mRNA, complete cds//0//2075bp//99%/AF180920
 C-NT2RP2004538//Mus musculus kinesin-like protein KIF1B (Kif1b) mRNA, complete cds//0//1387bp//86%/AF090190
 C-NT2RP2004568//PUTATIVE ATP-DEPENDENT RNA HELICASE C30D11.03//3.00E-117//625aa//40%/Q09903
 35 C-NT2RP2004587//NEUROFILAMENT TRIPLET M PROTEIN (160 KD NEUROFILAMENT PROTEIN) (NF-M)//
 7.30E-07//352aa//23%/P07197
 C-NT2RP2004655//Homo sapiens mRNA for leucine rich protein//8.50E-233//1061bp//99%/AJ006291
 C-NT2RP2004681//NEUROFILAMENT TRIPLET H PROTEIN (200 KD NEUROFILAMENT PROTEIN) (NF-H)//
 2.60E-07//426aa//23%/P19246
 40 C-NT2RP2004689//HYPOTHETICAL 192.5 KD PROTEIN C6G9.10C IN CHROMOSOME I//5.60E-64//616aa//
 33%/Q92355
 C-NT2RP2004710//Mus musculus formin binding protein 30 mRNA, complete cds//1.50E-280//1464bp//85%/U40750
 C-NT2RP2004732//NEUROFILAMENT TRIPLET M PROTEIN (160 KD NEUROFILAMENT PROTEIN) (NF-M)//
 45 7.30E-07//352aa//23%/P07197
 C-NT2RP2004768//SERINE/THREONINE-PROTEIN KINASE NRK1 (EC 2.7.1.-) (N-RICH KINASE 1)//1.30E-
 26//190aa//41%/P38692
 C-NT2RP2004791//PUTATIVE LEUCYL-TRNA SYNTHETASE, CYTOPLASMIC (EC 6.1.1.4) (LEUCINE-- TRNA
 LIGASE) (LEURS)//9.50E-73//153aa//59%/Q10490
 50 C-NT2RP2004799//PROBABLE SUCCINYL-COA LIGASE [GDP-FORMING], BETA-CHAIN PRECURSOR (EC
 6.2.1.4) (SUCCINYL-COA SYNTHETASE, BETA CHAIN) (SCS-BETA)//3.70E-135//414aa//62%/P53588
 C-NT2RP2004816//H58 PROTEIN//9.00E-173//327aa//98%/P40336
 C-NT2RP2004920//TRANSCRIPTIONAL REGULATOR ATRX (X-LINKED NUCLEAR PROTEIN) (HETERO-
 CHROMATIN PROTEIN 2) (HP1 ALPHA-INTERACTING PROTEIN) (HP1-BP38 PROTEIN)//4.20E-09//804aa//
 55 22%/Q61687
 C-NT2RP2004933//Homo sapiens mRNA for ZIP-kinase, complete cds//0//2103bp//99%/AB007144
 C-NT2RP2004959//P54 PROTEIN PRECURSOR//0.00000095//297aa//20%/P13692
 C-NT2RP2004961//Rattus norvegicus KRAB/zinc finger suppressor protein 1 (KS1) mRNA, complete cds//1.00E-

- 228//1666bp//75%//U56732
 C-NT2RP2004978//ACTIN-LIKE PROTEIN ARP8.//3.30E-47//353aa//30%//Q12386
 C-NT2RP2005003//52 KD RO PROTEIN (SJOGREN SYNDROME TYPE A ANTIGEN (SS-A)) (RO(SS-A)).//
 1.80E-99//376aa//43%//P19474
- 5 C-NT2RP2005012//Homo sapiens mRNA for SEC63 protein.//0//1693bp//99%//AJ011779
 C-NT2RP2005037//ANTI-SILENCING PROTEIN 1.//3.30E-47//155aa//59%//P32447
 C-NT2RP2005038//DNA NUCLEOTIDYLEXOTRANSFERASE (EC 2.7.7.31) (TERMINAL ADDITION ENZYME)
 (TERMINAL DEOXYNUCLEOTIDYLTRANSFERASE) (TERMINAL TRANSFERASE).//4.00E-91//218aa//44%//
 Q92089
- 10 C-NT2RP2005116//PUTATIVE EUKARYOTIC TRANSLATION INITIATION FACTOR 3 ALPHA SUBUNIT (EIF-3
 ALPHA).//2.00E-173//273aa//57%//P34466
 C-NT2RP2005126//H.sapiens mRNA for RNA helicase (Myc-regulated dead box protein).//0//2388bp//98%//
 X98743
 C-NT2RP2005139//2-5A-DEPENDENT RIBONUCLEASE (EC 3.1.26.-) (2-5A-DEPENDENT RNAASE) (RNASE
 L) (RIBONUCLEASE 4) (FRAGMENT).//0.000000022//139aa//35%//Q05921
- 15 C-NT2RP2005144//Homo sapiens tubby like protein 3 (TULP3) mRNA, complete cds.//0.00E-01//1437bp//98%//
 AF045583
 C-NT2RP2005162//Homo sapiens aspartyl aminopeptidase mRNA, complete cds.//0//1615bp//99%//AF005050
 C-NT2RP2005168//Homo sapiens mRNA for E1B-55kDa-associated protein.//0//2769bp//98%//AJ007509
- 20 C-NT2RP2005204//Homo sapiens SUMO-1-activating enzyme E1N subunit (SUA1) mRNA, complete cds.//0//
 1262bp//99%//AF090385
 C-NT2RP2005239//Homo sapiens cysteine desulfurase (nifS) mRNA, complete cds.//0//2087bp//99%//AF097025
 C-NT2RP2005276//Homo sapiens mRNA for Acyl-CoA synthetase 3, complete cds.//0//2122bp//99%//D89053
 C-NT2RP2005288//Homo sapiens RCC1-like G exchanging factor RLG mRNA, complete cds.//0//2992bp//99%//
- 25 AF060219
 C-NT2RP2005315//Homo sapiens meningioma-expressed antigen 5 (MEA5) mRNA, partial cds.//1.90E-170//
 780bp//100%//AF036144
 C-NT2RP2005325//Homo sapiens LIM-homeodomain protein HLHX2 (LHX2) mRNA, complete cds.//0//1643bp//
 99%//AF124735
- 30 C-NT2RP2005336//TRICHOHYALIN.//5.40E-10//545aa//22%//P37709
 C-NT2RP2005344//PROBABLE CALCIUM-TRANSPORTING ATPASE 5 (EC 3.6.1.38).//2.10E-124//636aa//
 38%//P32660
 C-NT2RP2005358//Homo sapiens methyl-CpG binding domain-containing protein MBD3 (MBD3) mRNA, com-
 plete cds.//0//2199bp//99%//AF072247
- 35 C-NT2RP2005360//Homo sapiens sentrin/SUMO-specific protease (SEN1) mRNA, complete cds.//1.30E-52//
 753bp//67%//AF149770
 C-NT2RP2005393//AUTOANTIGEN NGP-1.//7.20E-39//224aa//35%//Q13823
 C-NT2RP2005407//OXYSTEROL-BINDING PROTEIN.//5.30E-63//410aa//40%//P22059
 C-NT2RP2005436//SPLICING FACTOR, ARGININE/SERINE-RICH 4 (PRE-MRNA SPLICING FACTOR
 SRP75).//1.20E-13//185aa//38%//Q08170
- 40 C-NT2RP2005441//Homo sapiens hypothalamus protein HT002 mRNA, complete cds.//4.10E-202//962bp//98%//
 AF113540
 C-NT2RP2005457//Homo sapiens NADH-ubiquinone oxidoreductase subunit B14.5B homolog mRNA, complete
 cds.//1.20E-13 0//608bp//99%//AF070652
- 45 C-NT2RP2005465//MITOCHONDRIAL CARRIER PROTEIN RIM2.//3.00E-44//252aa//41%//P38127
 C-NT2RP2005476//Human pI90-B (pI90-B) mRNA, complete cds.//3.40E-108//668bp//88%//U17032
 C-NT2RP2005490//Mus musculus D3Mm3e (D3Mm3e) mRNA, complete cds.//1.80E-175//1102bp//83%//
 AF053628
 C-NT2RP2005491//PARAMYOSIN (PMY) (ANTIGEN B).//0.00000015//279aa//26%//P35418
- 50 C-NT2RP2005496//ZINC FINGER PROTEIN 135.//2.90E-146//398aa//59%//P52742
 C-NT2RP2005498//PROTEIN PHOSPHATASE PP2A, 55 KD REGULATORY SUBUNIT, ALPHA ISOFORM (PRO-
 TEIN PHOSPHATASE PP2A B SUBUNIT ALPHA ISOFORM) (ALPHA-PR55).//5.20E-81//166aa//88%//P36876
 C-NT2RP2005509//Homo sapiens CGI-45 protein mRNA, complete cds.//0//1825bp//99%//AF151803
 C-NT2RP2005520//Homo sapiens chromosome-associated protein-E (hCAP-E) mRNA, complete cds.//0//
 3994bp//99%//AF092563
- 55 C-NT2RP2005525//Mus musculus kanadaplin mRNA, complete cds.//2.40E-304//1687bp//85%//AF035526
 C-NT2RP2005531//PROTEIN 4.1 (BAND 4.1) (P4.1).//5.50E-70//393aa//39%//P11171
 C-NT2RP2005539//Homo sapiens mRNA for NS1-binding protein (NS1-BP).//0//1560bp//98%//AJ012449

C-NT2RP2005549//PUTATIVE LACTOYLGLUTATHIONE LYASE (EC 4.4.1.5) (METHYLGLYOXALASE) (AL-DOKETOMUTASE) (GLYOXALASE I) (GLX I) (KETONE-ALDEHYDE MUTASE) (S-D-LACTOYLGLUTATHIONE METHYLGLYOXAL LYASE)//2.00E-20//181aa//36%//Q39366
 5 C-NT2RP2005557//Homo sapiens clone 486790 diphosphoinositol polyphosphate phosphohydrolase mRNA, complete cds//1.00E-46//576bp//70%//AF062529
 C-NT2RP2005605//QUEUINE TRNA-RIBOSYLTRANSFERASE (EC 2.4.2.29) (TRNA-GUANINE TRANSGLYCOSYLASE) (GUANINE INSERTION ENZYME)//8.20E-23//164aa//28%//O32053
 C-NT2RP2005620//Homo sapiens epsin 2a mRNA, complete cds//8.9e-313//1455bp//98%//AF062085
 10 C-NT2RP2005635//PROBABLE NH(3)-DEPENDENT NAD(+) SYNTHETASE (EC 6.3.5.1)//1.00E-11//128aa//36%//P47623
 C-NT2RP2005654//CYSTEINE STRING PROTEIN (CCCS1)//1.20E-13//74aa//45%//P56101
 C-NT2RP2005669//Homo sapiens death effector domain-containing testicular molecule mRNA, complete cds//1.60E-248//1129bp//99%//AF043733
 C-NT2RP2005675//Homo sapiens growth suppressor related (DOC-1R) mRNA, complete cds//4.40E-200//908bp//99%//AF089814
 15 C-NT2RP2005694//X-LINKED RETINITIS PIGMENTOSA GTPASE REGULATOR//2.60E-10//175aa//27%//Q92834
 C-NT2RP2005701//ZINC-FINGER PROTEIN RFP (RET FINGER PROTEIN)//3.00E-63//323aa//39%//Q62158
 C-NT2RP2005712//Homo sapiens myosin X (MYO10) mRNA, partial cds//0//2681 bp//99%//AF132022
 20 C-NT2RP2005719//GPI-ANCHORED PROTEIN P137//4.00E-14//99aa//43%//Q14444
 C-NT2RP2005722//Homo sapiens ZK1 mRNA for Kruppel-type zinc finger protein, complete cds//0//2545bp//99%//AB011414
 C-NT2RP2005723//HNRNP ARGININE N-METHYLTRANSFERASE (EC 2.1.1.-) (ODP1 PROTEIN)//3.00E-09//169aa//28%//P38074
 25 C-NT2RP2005752//Homo sapiens TNFR-related death receptor-6 (DR6) mRNA, complete cds//0//1968bp//99%//AF068868
 C-NT2RP2005753//Homo sapiens l-1 receptor candidate protein mRNA, complete cds//0//1966bp//99%//AF082516
 C-NT2RP2005763//EUKARYOTIC INITIATION FACTOR 4A (EIF-4A)//1.70E-61//374aa//38%//P47943
 30 C-NT2RP2005767//G.gallus PB1 gene//5.00E-163//1158bp//81%//X90849
 C-NT2RP2005773//Homo sapiens pyrroline 5-carboxylate reductase isoform (P5CR2) mRNA, complete cds//2.70E-180//656bp//99%//AF151351
 C-NT2RP2005775//NEUROLYSIN PRECURSOR (EC 3.4.24.16) (NEUROTENSIN ENDOPEPTIDASE) (MITOCHONDRIAL OLIGOPEPTIDASE M) (MICROSOMAL ENDOPEPTIDASE) (MEP) (SOLUBLE ANGIOTENSIN-BINDING PROTEIN) (SABP)//2.10E-213//249aa//85%//Q02038
 35 C-NT2RP2005776//POLY(A) POLYMERASE TYPE 2 (EC 2.7.7.19) (PAP) (POLYNUCLEOTIDE ADENYLYLTRANSFERASE)//4.40E-55//358aa//42%//P51005
 C-NT2RP2005784//Homo sapiens ubiquitin-conjugating enzyme variant Kua (UBE2V) mRNA, complete cds//0//2191bp//92%//AF155120
 40 C-NT2RP2005812//HYPOTHETICAL 39.3 KD PROTEIN IN GCN4-WBP1 INTERGENIC REGION//2.30E-39//318aa//31%//P40004
 C-NT2RP2005835//SHP1 PROTEIN//1.80E-28//208aa//32%//P34223
 C-NT2RP2005841//Homo sapiens mRNA for ALEX3, complete cds//3.50E-52//1091bp//59%//AB039669
 C-NT2RP2005933//NUCLEOPORIN NUP57 (NUCLEAR PORE PROTEIN NUP57)//5.00E-11//155aa//34%//P48837
 45 C-NT2RP2005942//POLY(A) POLYMERASE (EC 2.7.7.19) (PAP) (POLYNUCLEOTIDE ADENYLYLTRANSFERASE)//1.50E-67//388aa//44%//P25500
 C-NT2RP2006043//SPLICING FACTOR, ARGININE/SERINE-RICH 4 (PRE-MRNA SPLICING FACTOR SRP75)//1.50E-13//185aa//38%//Q08170
 50 C-NT2RP2006071//Homo sapiens adaptor protein APPL mRNA, complete cds//5.80E-120//1257bp//64%//AF169797
 C-NT2RP2006219//H.sapiens mRNA for DGCR6 protein//1.10E-214//1026bp//97%//X96484
 C-NT2RP2006238//Rattus norvegicus CTD-binding SR-like protein rA8 mRNA, complete cds//0//1669bp//88%//U49055
 55 C-NT2RP2006275//MICROTUBULE-ASSOCIATED PROTEIN 1B [CONTAINS: LIGHT CHAIN LC1]//2.00E-59//388aa//32%//P46821
 C-NT2RP2006312//Homo sapiens BAF57 (BAF57) gene, complete cds//2.80E-274//1236bp//99%//AF035262
 C-NT2RP2006436//ANTERIOR-RESTRICTED HOMEBOX PROTEIN (RATHKE POUCH HOMEO BOX)//

3.40E-07//50aa//50%//Q61658
 C-NT2RP2006456//Homo sapiens leucine-rich glioma-inactivated protein precursor (LGI1) mRNA, complete cds.//
 1.30E-37//484bp//65%//AF055636
 C-NT2RP2006464//Homo sapiens mRNA for AND-1 protein.//0//2181bp//99%//AJ006266
 5 C-NT2RP2006534//5'-AMP-ACTIVATED PROTEIN KINASE, CATALYTIC ALPHA-1 CHAIN (EC 2.7.1.-) (AMPK
 ALPHA-1 CHAIN) (FRAGMENT).//3.20E-11//32aa//96%//Q13131
 C-NT2RP2006565//Homo sapiens secretory carrier-associated membrane protein (SCAMP) mRNA, complete
 cds.//3.10E-272//1220bp//95%//AF038966
 10 C-NT2RP2006571//CYTOCHROME P450 2G1 (EC 1.14.14.1) (CYP11G1) (P450-NMB) (OLFACTIVE).//4.20E-
 134//486aa//50%//P24461
 C-NT2RP2006573//2',3'-CYCLIC NUCLEOTIDE 3'-PHOSPHODIESTERASE (EC 3.1.4.37) (CNP).//0.0000055//
 169aa//25%//P09543
 C-NT2RP2006598//Homo sapiens retinoid x receptor interacting protein mRNA, complete cds.//3.10E-295//
 1193bp//99%//AF113538
 15 C-NT2RP3000031//HISTONE DEACETYLASE HDA1.//1.10E-71//350aa//42%//P53973
 C-NT2RP3000046//MITOCHONDRIAL GTPASE MSS1 PRECURSOR.//4.60E-78//421aa//37%//P32559
 C-NT2RP3000047//NPL4 PROTEIN.//1.10E-85//526aa//36%//P33755
 C-NT2RP3000050//ZINC FINGER PROTEIN 91 (ZINC FINGER PROTEIN HTF10) (HPF7).//2.20E-150//490aa//
 53%//Q05481
 20 C-NT2RP3000068//SON OF SEVENLESS PROTEIN HOMOLOG 1 (SOS-1) (MSOS-1).//2.20E-06//165aa//27%//
 Q62245
 C-NT2RP3000085//ACETYL-/PROPIONYL-COENZYME A CARBOXYLASE ALPHA CHAIN [CONTAINS: BIOTIN
 CARBOXYLASE (EC 6.3.4.14); BIOTIN CARBOXYL CARRIER PROTEIN (BCCP)].//1.90E-123//436aa//50%//
 P46401
 25 C-NT2RP3000109//P54 PROTEIN PRECURSOR.//0.0000065//358aa//22%//P13692
 C-NT2RP3000207//GLUCOAMYLASE S1/S2 PRECURSOR (EC 3.2.1.3) (GLUCAN 1,4-ALPHA- GLUCOSI-
 DASE) (1,4-ALPHA-D-GLUCAN GLUCOHYDROLASE).//2.90E-11//721aa//23%//P08640
 C-NT2RP3000233//RING CANAL PROTEIN (KELCH PROTEIN).//9.30E-84//453aa//42%//Q04652
 C-NT2RP3000252//Homo sapiens GTP-binding protein NGB mRNA, complete cds.//0//2388bp//99%//AF120334
 30 C-NT2RP3000299//Rattus norvegicus mRNA for Crk-associated substrate, pi 30, complete cds.//0//2730bp//82%//
 D29766
 C-NT2RP3000320//Homo sapiens partial mRNA for putative p621 protein which interacts with transcription factor
 Sp1.//0//1544bp//100%//AJ242978
 C-NT2RP3000333//Rattus norvegicus db83 mRNA, complete cds.//2.90E-191//1094bp//85%//AB006135
 35 C-NT2RP3000341//Homo sapiens mitochondrial inner membrane preprotein translocase Tim17a mRNA, nuclear
 gene encoding mitochondrial protein, complete cds.//1.50E-246//1124bp//99%//AF106622
 C-NT2RP3000350//Homo sapiens GTP-binding protein NGB mRNA, complete cds.//0//2392bp//99%//AF120334
 C-NT2RP3000359//GTP:AMP PHOSPHOTRANSFERASE MITOCHONDRIAL (EC 2.7.4.10) (AK3).//2.00E-111//
 226aa//92%//P08760
 40 C-NT2RP3000361//Homo sapiens mRNA, complete cds, similar to yeast pre-mRNA splicing factors, Prp1/Zer1
 and Prp6.//0//2072bp//98%//AB019219
 C-NT2RP3000366//RAS-RELATED PROTEIN RAB-18.//2.10E-107//206aa//99%//P35293
 C-NT2RP3000393//Rattus norvegicus DNA-binding protein PREB (Preb) mRNA, complete cds.//5.80E-266//
 1373bp//86%//AF061817
 45 C-NT2RP3000397//PUTATIVE PRE-MRNA SPLICING FACTOR RNA HELICASE (DEAH BOX PROTEIN 13)//
 1.70E-139//679aa//41%//O43143
 C-NT2RP3000403//Homo sapiens formin binding protein 21 mRNA, complete cds.//0//2364bp//99%//AF071185
 C-NT2RP3000439//HYPOTHETICAL 46.4 KD PROTEIN IN FFH-GRPE INTERGENIC REGION.//2.90E-15//
 319aa//26%//P37908
 50 C-NT2RP3000441//Homo sapiens squamous cell carcinoma antigen recognized by T cell (SART-2) mRNA, com-
 plete cds.//3.40E-42//645bp//67%//AF098066
 C-NT2RP3000512//Human HOX2G mRNA from the Hox2 locus.//0//1934bp//99%//X16667
 C-NT2RP3000527//ZINC FINGER PROTEIN 43 (ZINC PROTEIN HTF6).//4.80E-28//536aa//27%//P28160
 C-NT2RP3000531//POLIOVIRUS RECEPTOR PRECURSOR (CD155 ANTIGEN).//1.90E-12//192aa//30%//
 55 P15151
 C-NT2RP3000562//Homo sapiens putative RNA-binding protein Q99 mRNA, complete cds.//0//2165bp//99%//
 AF093097
 C-NT2RP3000578//HES1 PROTEIN.//1.30E-22//229aa//27%//P35843

C-NT2RP3000590//UVS-2 PROTEIN.//1.30E-22//458aa//24%/P33288
 C-NT2RP3000596//TRICHOHYALIN.//2.50E-17//304aa//28%/Q07283
 C-NT2RP3000603//NEUROGENIC DIFFERENTIATION FACTOR 1.//3.70E-11//90aa//42%/Q13562
 C-NT2RP3000605//Mus musculus mRNA for wizL, complete cds.//0//2232bp//82%/AB012265
 5 C-NT2RP3000624//Rattus norvegicus mRNA for SECIS binding protein 2 (sbp2 gene).//5.80E-234//1562bp//81%/AJ251245
 C-NT2RP3000632//ZINC FINGER PROTEIN 84 (ZINC FINGER PROTEIN HPF2).//3.00E-140//499aa//46%/P51523
 C-NT2RP3000739//ATROPHIN-1 (DENTATORUBRAL-PALLIDOLUYSIAN ATROPHY PROTEIN).//1.40E-24//155aa//37%/Q10149
 10 C-NT2RP3000742//1-PHOSPHATIDYLINOSITOL-4,5-BISPHOSPHATE PHOSPHODIESTERASE DELTA 1 (EC 3.1.4.11) (PLC-DELTA-1) (PHOSPHOLIPASE C-DELTA-1) (PLC-III) (FRAGMENT).//4.10E-165//371aa//49%/P10895
 C-NT2RP3000753//NEUROFILAMENT TRIPLET H PROTEIN (200 KD NEUROFILAMENT PROTEIN) (NF-H).//2.00E-10//565aa//24%/P12036
 15 C-NT2RP3000759//ADP-RIBOSYLATION FACTOR.//7.00E-28//176aa//34%/Q94650
 C-NT2RP3000825//NEUROGENIC LOCUS NOTCH 3 PROTEIN.//2.50E-36//417aa//31%/Q61982
 C-NT2RP3000826//Homo sapiens mRNA for seven transmembrane protein TM7SF3, complete cds.//0//2522bp//99%/AB032470
 20 C-NT2RP3000845//PUTATIVE SERINE/THREONINE-PROTEIN KINASE P78 (EC 2.7.1.-).//8.30E-108//331aa//50%/P27448
 C-NT2RP3000868//Human ovarian cancer downregulated myosin heavy chain homolog (Doc1) mRNA, complete cds.//6.90E-69//1611bp//61%/U53445
 C-NT2RP3000869//Drosophila melanogaster AAA family protein Bor (bor) mRNA, complete cds.//2.60E-138//1673bp//67%/AF227209
 25 C-NT2RP3000875//MEVALONATE KINASE (EC 2.7.1.36) (MK).//7.70E-87//175aa//98%/Q03426
 C-NT2RP3000917//DHP1 PROTEIN.//1.00E-193//428aa//55%/P40848
 C-NT2RP3000919//Rattus norvegicus golgi peripheral membrane protein p65 (GRASP65) mRNA, complete cds.//2.70E-185//585bp//88%/AF015264
 30 C-NT2RP3000968//40S RIBOSOMAL PROTEIN S15A.//1.90E-46//73aa//98%/P39027
 C-NT2RP3000994//MATERNAL EFFECT PROTEIN STAUFEN.//0.00000006//78aa//48%/P25159
 C-NT2RP3001055//Drosophila melanogaster separation anxiety protein (san) mRNA, complete cds.//3.80E-38//462bp//70%/AF225902
 C-NT2RP3001057//ZINC FINGER PROTEIN 91 (ZINC FINGER PROTEIN HTF10) (HPF7).//9.00E-201//584aa//54%/Q05481
 35 C-NT2RP3001081//Homo sapiens RCC1-like G exchanging factor RLG mRNA, complete cds.//7.10E-47//537bp//74%/AF060219
 C-NT2RP3001096//Rattus norvegicus leprecan (lepre1) mRNA, complete cds.//1.70E-94//787bp//66%/AF087433
 40 C-NT2RP3001107//PEREGRIN (BR140 PROTEIN).//3.00E-44//260aa//40%/P55201
 C-NT2RP3001111//Homo sapiens TRF-proximal protein mRNA, complete cds.//1.50E-149//731bp//97%/AF097725
 C-NT2RP3001113//INTRACELLULAR PROTEIN TRANSPORT PROTEIN USO1.//2.90E-11//631aa//23%/P25386
 45 C-NT2RP3001120//ZINC FINGER, PROTEIN 136.//7.80E-170//512aa//58%/P52737
 C-NT2RP3001140//F-SPONDIN PRECURSOR.//9.90E-238//419aa//96%/P35446
 C-NT2RP3001150//TRANSCRIPTION TERMINATION FACTOR RHO.//0.00000031//207aa//29%/P52154
 C-NT2RP3001155//Homo sapiens mRNA for AND-1 protein.//0//2732bp//99%/AJ006266
 C-NT2RP3001176//HYPOTHETICAL 65.3 KD PROTEIN IN MAD1-SCY1 INTERGENIC REGION.//1.70E-10//196aa//27%/P53154
 50 C-NT2RP3001216//CYLICIN I (MULTIPLE-BAND POLYPEPTIDE I) (FRAGMENT).//0.0000023//137aa//33%/P35663
 C-NT2RP3001221//GAMMA-BUTYROBETAINE,2-OXOGLUTARATE DIOXYGENASE (EC 1.14.11.1) (GAMMA-BUTYROBETAINE HYDROXYLASE).//1.90E-31//353aa//30%/P80193
 55 C-NT2RP3001239//MICROTUBULE-ASSOCIATED PROTEIN 1B (MAP1.2) (MAP1(X)) [CONTAINS: LIGHT CHAIN LC1].//1.20E-166//395aa//51%/P14873
 C-NT2RP3001253//NUF1 PROTEIN (SPINDLE POLY BODY SPACER PROTEIN SPC110).//1.70E-10//540aa//23%/P32380

C-NT2RP3001268//Homo sapiens zinc finger protein ZNF228 (ZNF228) mRNA, complete cds.//0//3606bp//99%//
 AF198358
 C-NT2RP3001272//Mus musculus mRNA for macrophage actin-associated-tyrosine-phosphorylated protein.//
 1.30E-99//669bp//83 %//Y18101
 5 C-NT2RP3001307//Gallus gallus RPE65 mRNA, complete cds.//4.20E-29//530bp//63%//AB017594
 C-NT2RP3001338//ZINC FINGER PROTEIN 81 (FRAGMENT).//2.40E-16//175aa//28%//P51508
 C-NT2RP3001355//TRICARBOXYLATE TRANSPORT PROTEIN PRECURSOR (CITRATE TRANSPORT PRO-
 TEIN) (CTP) (TRICARBOXYLATE CARRIER PROTEIN).//3.60E-25//129aa//34%//P32089
 C-NT2RP3001383//Mus musculus ARL-6 interacting protein-6 (Aip-6) mRNA, partial cds.//3.40E-40//355bp//79%//
 10 AF133913
 C-NT2RP3001384//Homo sapiens mRNA for LA95 protein.//0//1214bp//99%//AJ243467
 C-NT2RP3001398//TRANSCRIPTIONAL REPRESSOR CTCF.//1.30E-61//374aa//36%//P49711
 C-NT2RP3001399//SSU72 PROTEIN.//1.30E-16//84aa//52%//P53538
 C-NT2RP3001407//SCY1 PROTEIN.//0.00000033//143aa//25%//P53009
 15 C-NT2RP3001426//DNAJ PROTEIN (FRAGMENT).//1.00E-16//77aa//46%//O33529
 C-NT2RP3001427//WERNER SYNDROME HEUCASE HOMOLOG.//2.70E-10//159aa//33%//O09053
 C-NT2RP3001428//NUCLEOPROTEIN TPR.//1.40E-128//152aa//99%//P 12270
 C-NT2RP3001453//ANTIGEN PEPTIDE TRANSPORTER 2 (APT2) (HISTOCOMPATIBILITY ANTIGEN MODIFI-
 ER 2).//3.20E-90//157aa//59%//P36371
 20 C-NT2RP3001457//Drosophila melanogaster Melted (melt) mRNA, partial cds.//4.60E-20//792bp//59%//
 AF205831
 C-NT2RP3001472//NONHISTONE CHROMOSOMAL PROTEIN 6A.//9.10E-13//87aa//43%//P11632
 C-NT2RP3001495//Human oxidoreductase (HHCMA56) mRNA, complete cds.//0//1475bp//99%//U13395
 C-NT2RP3001497//Homo sapiens multiple membrane spanning receptor TRC8 (TRC8) mRNA, complete cds.//
 25 0//2295bp//99%//AF064801
 C-NT2RP3001527//Human Sp140 protein (Sp140) mRNA, complete cds.//4.30E-290//793bp//93%//U63420
 C-NT2RP3001529//SPO0B-ASSOCIATED GTP-BINDING PROTEIN.//1.00E-61//345aa//42%//P20964
 C-NT2RP3001538//HYPOTHETICAL 39.0 KD PROTEIN T2BD9.3 IN CHROMOSOME II.//9.10E-10//158aa//
 31%//Q10022
 30 C-NT2RP3001554//MICROTUBULE-ASSOCIATED PROTEIN 1B [CONTAINS: LIGHT CHAIN LC1].//1.40E-76//
 388aa//32%//P46821
 C-NT2RP3001580//Mus musculus strain C57BL/J germ cell-less protein (Gcl) mRNA, complete cds.//0//1730bp//
 85%//AF163665
 C-NT2RP3001587//Human anthracycline-associated resistance ARX mRNA, complete cds.//0//2617bp//99%//
 35 U35832
 C-NT2RP3001642//HYPOTHETICAL PROTEIN KIAA0210.//6.80E-18//91aa//38%//Q92609
 C-NT2RP3001646//WD-40 REPEAT PROTEIN MS12.//8.80E-09//132aa//31%//O22468
 C-NT2RP3001671//Homo sapiens mRNA for NS1-binding protein (NS1-BP).//0//1557bp//98%//AJ012449
 C-NT2RP3001672//Homo sapiens Sex comb on midleg homolog 1 isoform 2 (SCMH1) mRNA, complete cds.//0//
 40 2836bp//99%//AF149046
 C-NT2RP3001679//Homo sapiens rec mRNA, complete cds.//0//2495bp//99%//AB023584
 C-NT2RP3001688//Homo sapiens DNA binding protein p96PIF mRNA, complete cds.//0//1869bp//99%//
 AF173868
 C-NT2RP3001690//INTRACELLULAR PROTEIN TRANSPORT PROTEIN USO1.//0.00000024//481aa//21%//
 45 P25386
 C-NT2RP3001708//TWISTED GASTRULATION PROTEIN PRECURSOR.//3.40E-33//161aa//32%//P54356
 C-NT2RP3001712//Homo sapiens HP1-BP74 protein mRNA, complete cds.//0//1788bp//99%//AF113534
 C-NT2RP3001723//Homo sapiens cell recognition molecule Caspr2 (CASPR2) mRNA, complete cds.//1.40E-58//
 1138bp//63%//AF193613
 50 C-NT2RP3001724//Homo sapiens chromodomain-helicase-DNA-binding protein mRNA, complete cds.//1.10E-
 240//902bp//99%//AF054177
 C-NT2RP3001727//Rattus norvegicus implantation-associated protein (IAG2) mRNA, partial cds.//6.90E-132//
 774bp//88%//AF008554
 C-NT2RP3001730//SEPTIN 2 HOMOLOG (FRAGMENT).//7.10E-132//294aa//84%//Q14141
 55 C-NT2RP3001739//HYPOTHETICAL 72.5 KD PROTEIN C2F7.10 IN CHROMOSOME I.//1.40E-15//190aa//32%//
 Q09701
 C-NT2RP3001792//HETEROGENEOUS NUCLEAR RIBONUCLEOPROTEIN M (HNRNP M).//1.80E-117//
 462aa//55%//P52272

C-NT2RP3001799//MYOSIN HEAVY CHAIN, STRIATED MUSCLE //1.60E-11//348aa//27%/P24733
 C-NT2RP3001819//RING CANAL PROTEIN (KELCH PROTEIN) //7.40E-18//249aa//30%/Q04652
 C-NT2RP3001854//Homo sapiens novel retinal pigment epithelial cell protein (NORPEG) mRNA, complete cds.//0//2742bp//99%/AF155135
 5 C-NT2RP3001855//HOMEBOX PROTEIN PKNOX1 (HOMEBOX PROTEIN PREP-1) //8.10E-125//302aa//60%/P55347
 C-NT2RP3001857//VEGETATIBLE INCOMPATIBILITY PROTEIN HET-E-1 //1.20E-14//242aa//24%/Q00808
 C-NT2RP3001898//Homo sapiens mRNA for UDP-N-acetylglucosamine: alpha-1,3-D-mannoside beta-1,4-N-acetylglucosaminyltransferase IV, complete cds.//0//1587bp//100%/AB000624
 10 C-NT2RP3001931//Rattus norvegicus clone C48 CDK5 activator-binding protein mRNA, complete cds.//4.30E-91//656bp//81%/AF177478
 C-NT2RP3001938//SPORULATION-SPECIFIC PROTEIN 1 (EC 2.7.1.-) //1.30E-22//227aa//33%/P08458
 C-NT2RP3001944//HYPOTHETICAL 47.6 KD PROTEIN C16C10.5 IN CHROMOSOME III.//3.10E-92//314aa//51%/Q09251
 15 C-NT2RP3001969//TRICHOHYALIN //2.70E-11//442aa//23%/P37709
 C-NT2RP3002004//H.sapiens mRNA for FAST kinase.//1.50E-192//475bp//94%/X86779
 C-NT2RP3002007//SAP1 PROTEIN.//1.1 OE-68//474aa//32%/P39955
 C-NT2RP3002014//HYPOTHETICAL 32.0 KD PROTEIN C09F5.2 IN CHROMOSOME III.//5.30E-25//139aa//48%/Q09232
 20 C-NT2RP3002045//ALPHA-ADAPTIN C (CLATHRIN ASSEMBLY PROTEIN COMPLEX 2 ALPHA-C LARGE CHAIN) (100 KD COATED VESICLE PROTEIN C) (PLASMA MEMBRANE ADAPTOR HA2/AP2 ADAPTIN ALPHA C SUBUNIT.//1.00E-299//397aa//94%/P18484
 C-NT2RP3002056//RETINOBLASTOMA BINDING PROTEIN 1 (RBBP-1) //2.00E-48//475aa//35%/P29374
 C-NT2RP3002062//Homo sapiens BAG-family molecular chaperone regulator-5 mRNA, complete cds.//0//3764bp//99%/AF095195
 25 C-NT2RP3002081//Xenopus laevis chromosome condensation protein XCAP-G mRNA, complete cds.//4.10E-233//1896bp//69%/AF111423
 C-NT2RP3002108//DEC1 PROTEIN (MDM20 PROTEIN) //7.90E-09//181aa//22%/Q12387
 C-NT2RP3002151//G1 TO S PHASE TRANSITION PROTEIN 1 HOMOLOG (GTP-BINDING PROTEIN GST1-HS) //2.80E-253//474aa//93%/P15170
 30 C-NT2RP3002165//TRANSCRIPTIONAL REGULATOR PROTEIN HCNBP //1.90E-151//223aa//91%/Q02614
 C-NT2RP3002273//SCD6 PROTEIN.//1.30E-09//295aa//28%/P45978
 C-NT2RP3002303//PROBABLE UNDECAPRENYL PYROPHOSPHATE SYNTHETASE (EC 2.5.1.31) (UPP SYNTHETASE) (DI-TRANS-POLY-CIS-DECAPRENYLCISTRANSFERASE) //8.60E-49//243aa//43%/Q58767
 35 C-NT2RP3002330//Homo sapiens eRFS mRNA, complete cds.//0//2443bp//99%/U87791
 C-NT2RP3002351//Human mRNA for NAD-dependent methylene tetrahydrofolate dehydrogenase cyclohydrolase (EC 1.5.1.15) //4.20E-70//590bp//76%/X16396
 C-NT2RP3002399//DNA REPLICATION LICENSING FACTOR MCM4 (CDC21 HOMOLOG) (P1-CDC21) //8.60E-79//416aa//34%/P33991
 40 C-NT2RP3002501//THREONINE DEHYDRATASE CATABOLIC (EC 4.2.1.16) (THREONINE DEAMINASE) //3.70E-43//318aa//37%/P05792
 C-NT2RP3002529//VACUOLAR PROTEIN SORTING-ASSOCIATED PROTEIN VPS45 //8.90E-95//542aa//38%/P38932
 C-NT2RP3002549//HYPOTHETICAL 26.6 KD PROTEIN T19C3.4 IN CHROMOSOME III.//5.80E-40//161aa//52%/Q10010
 45 C-NT2RP3002602//PROBABLE PROTEIN DISULFIDE ISOMERASE ER-60 PRECURSOR (EC 5.3.4.1) (ERP60) (58 KD MICROSOMAL PROTEIN) (P58) (HIP-70) (Q-2) //2.90E-19//173aa//28%/P11598
 C-NT2RP3002628//PROBABLE PROTEIN DISULFIDE ISOMERASE P5 PRECURSOR (EC 5.3.4.1) //2.50E-26//90aa//42%/P38660
 50 C-NT2RP3002631//Homo sapiens Ran binding protein 11 mRNA, complete cds.//0//1703bp//99%/AF111109
 C-NT2RP3002650//Mus musculus growth suppressor 1L (Gros1) mRNA, complete cds.//0//2109bp//87%/AF165163
 C-NT2RP3002663//Homo sapiens putative glycolipid transfer protein mRNA, complete cds.//8.10E-263//1243bp//97%/AF103731
 55 C-NT2RP3002671//ELONGATION FACTOR 2 (EF-2) //2.50E-73//179aa//36%/P13060
 C-NT2RP3002682//Homo sapiens CGI-145 protein mRNA, complete cds.//0//1596bp//98%/AF151903
 C-NT2RP3002688//Mouse mRNA for kinesin-like protein (Kif1b), complete cds.//1.10E-93//1205bp//69%/D17577
 C-NT2RP3002770//MYELOID DIFFERENTIATION PRIMARY RESPONSE PROTEIN MYD116 //1.00E-07//70aa//

41%/P17564
 C-NT2RP3002785//LETHAL(2)DENTICLELESS PROTEIN (DTL83 PROTEIN).//2.50E-55//187aa//39%/Q24371
 C-NT2RP3002810//HISTIDINE-RICH PROTEIN KE4.//2.20E-10//260aa//26%/Q31125
 C-NT2RP3002818//INSERTION ELEMENT IS2A HYPOTHETICAL 48.2 KD PROTEIN.//5.70E-226//303aa//97%/P51026
 5 C-NT2RP3002869//Mus musculus semaphorin VIa mRNA, complete cds.//2.50E-232//1282bp//85%/AF030430
 C-NT2RP3002876//Drosophila melanogaster eyelid (eld) mRNA, complete cds.//1.30E-29//805bp//61%/AF053091
 C-NT2RP3002909//P53-BINDING PROTEIN 2 (53BP2) (BCL2-BINDING PROTEIN) (BBP).//1.50E-125//512aa//47%/Q13625
 10 C-NT2RP3002948//RING CANAL PROTEIN (KELCH PROTEIN).//2.00E-111//551aa//42%/Q04652
 C-NT2RP3002953//Homo sapiens protocadherin beta 5 (PCDH-beta5) mRNA, complete cds.//0//2388bp//99%/AF152498
 C-NT2RP3002969//Homo sapiens mRNA for Acyl-CoA synthetase 3, complete cds.//0//2722bp//99%/D89053
 15 C-NT2RP3002972//Halocynthia roretzi mRNA for HrPET-1, complete cds.//3.90E-52//899bp//64%/AB029333
 C-NT2RP3002988//Homo sapiens Ikb kinase-b (IKK-beta) mRNA, complete cds.//1.80E-292//1325bp//99%/AF080158
 C-NT2RP3003032//Homo sapiens okadaic acid-inducible and cAMP-regulated phosphoprotein 19 (ARPP-19) mRNA, complete cds.//0//2656bp//99%/AF084555
 20 C-NT2RP3003059//Rattus norvegicus potassium channel regulator 1 mRNA, complete cds.//3.80E-152//1007bp//82%/U78090
 C-NT2RP3003061//ANKYRIN.//1.40E-20//200aa//37%/Q02357
 C-NT2RP3003071//NEUROGENIC PROTEIN BIG BRAIN.//1.10E-05//258aa//24%/P23645
 C-NT2RP3003078//Rattus norvegicus mRNA for ischemia related factor NYW-1, complete cds.//2.60E-112//633bp//88%/AB027149
 25 C-NT2RP3003101//Mouse mRNA for tetracycline transporter-like protein, complete cds.//3.60E-83//807bp//72%/D88315
 C-NT2RP3003133//Homo sapiens ZK1 mRNA for Kruppel-type zinc finger protein, complete cds.//0//1998bp//91%/AB011414
 30 C-NT2RP3003138//Homo sapiens kinesin superfamily motor KIF4 mRNA, complete cds.//0//2159bp//98%/AF071592
 C-NT2RP3003145//Mus musculus metallocarboxypeptidase CPX-1 mRNA, complete cds.//0//2251bp//81%/AF077738
 C-NT2RP3003185//TROPOMYOSIN1, FUSION PROTEIN 33.//2.80E-06//402aa//23%/P49455
 35 C-NT2RP3003193//ZINC FINGER PROTEIN 135.//7.30E-98//269aa//62%/P52742
 C-NT2RP3003197//HYPOTHETICAL 33.8 KD PROTEIN C5H10.01 IN CHROMOSOME I.//5.70E-09//169aa//31%/Q09674
 C-NT2RP3003203//Rattus norvegicus golgi stacking protein homolog GRASP55 mRNA, complete cds.//2.00E-210//1851 bp//76%/AF110267
 40 C-NT2RP3003212//Rattus norvegicus lamina associated polypeptide 1C (LAP1C) mRNA, complete cds.//4.30E-187//1750bp//75%/U20286
 C-NT2RP3003230//Homo sapiens mRNA for hCRNN4, complete cds.//0//2350bp//99%/AB030656
 C-NT2RP3003242//Homo sapiens stanniocalcin-related protein mRNA, complete cds.//0//2366bp//99%/AF098462
 45 C-NT2RP3003251//52 KD RO PROTEIN (SJOGREN SYNDROME TYPE A ANTIGEN (SS-A)) (RO(SS-A)).//4.20E-86//366aa//48%/P19474
 C-NT2RP3003282//Homo sapiens dynamin (DNM) mRNA, complete cds.//0//2596bp//98%/L36983
 C-NT2RP3003290//Mus musculus mRNA for Ndr1 related protein Ndr3, complete cds.//1.5e-310//1468bp//82%/AB033922
 50 C-NT2RP3003301//MITOCHONDRIAL LON PROTEASE HOMOLOG 1 PRECURSOR (EC 3.4.21.-).//1.10E-170//585aa//54%/O64948
 C-NT2RP3003313//Homo sapiens thyroid hormone receptor-associated protein complex component TRAP80 mRNA, complete cds.//0//2476bp//99%/AF117657
 C-NT2RP3003327//52 KD RO PROTEIN (SJOGREN SYNDROME TYPE A ANTIGEN (SS-A)) (RO(SS-A)) (RO52).//1.30E-35//178aa//44%/Q62191
 55 C-NT2RP3003353//HYPOTHETICAL 26.2 KD PROTEIN IN GDI1-COX15 INTERGENIC REGION.//2.80E-07//161aa//28%/P40084
 C-NT2RP3003385//Mus musculus SKD3 mRNA, complete cds.//0//2133bp//85%/U09874

- C-NT2RP3003409//Human DHHC-domain-containing cysteine-rich protein mRNA, complete cds.//9.20E-45//782bp//65%//U90653
- C-NT2RP3003411//Mus musculus COP9 complex subunit 7b (COPS7b) mRNA, complete cds.//6.30E-270//743bp//90%//AF071317
- 5 C-NT2RP3003490//Homo sapiens mRNA for putative phospholipase, complete cds.//4.50E-81//649bp//67%//AB019435
- C-NT2RP3003491//Drosophila melanogaster Pelle associated protein Pellino (Pli) mRNA, complete cds.//5.60E-36//842bp//62%//AF091624
- C-NT2RP3003500//SCY1 PROTEIN.//9.20E-27//601aa//23%//P53009
- 10 C-NT2RP3003555//HYPOTHETICAL 32.6 KD PROTEIN IN MET30-PIG2 INTERGENIC REGION.//4.50E-30//191aa//40%//P40529
- C-NT2RP3003589//Homo sapiens ras-related GTP-binding protein mRNA, complete cds.//0//3131bp//94%//AF106681
- C-NT2RP3003659//HES1 PROTEIN.//5.90E-22//229aa//27%//P35843
- 15 C-NT2RP3003665//Homo sapiens mRNA for beta-ureidopropionase, complete cds.//0//1690bp//99%//AB013885
- C-NT2RP3003672//T-CELL SURFACE GLYCOPROTEIN E2 PRECURSOR (E2 ANTIGEN) (CD99) (MIC2 PROTEIN) (12E7).//2.20E-13//146aa//42%//P14209
- C-NT2RP3003701//F-SPONDIN PRECURSOR.//1.80E-17//324aa//26%//P35446
- C-NT2RP3003716//SLIT PROTEIN PRECURSOR.//6.60E-10//150aa//34%//P24014
- 20 C-NT2RP3003726//Homo sapiens spermatogenesis associated PD1 mRNA, complete cds.//0//2568bp//99%//U28164
- C-NT2RP3003799//Rattus norvegicus Srg1 (Sytr1) mRNA, complete cds.//9.00E-238//1529bp//84%//U71294
- C-NT2RP3003800//Rattus norvegicus tyrosine protein kinase pp60-c-src mRNA, complete cds.//1.90E-163//924bp//89%//AF130457
- 25 C-NT2RP3003809//SAV PROTEIN.//1.10E-131//576aa//41%//Q07590
- C-NT2RP3003825//PHOSPHATIDYLCHOLINE TRANSFER PROTEIN (PC-TP).//9.60E-19//174aa//31%//P02720
- C-NT2RP3003831//Homo sapiens ENDOGL-1 (alias ENGL-a) mRNA for endonuclease G-like protein-1, complete cds.//2.2e-316//1436bp//99%//AB020523
- 30 C-NT2RP3003846//Homo sapiens mRNA for putative phospholipase, complete cds.//4.80E-277//1255bp//99%//AB019435
- C-NT2RP3003876//Rattus norvegicus Rabin3 mRNA, complete cds.//4.50E-147//874bp//87%//U19181
- C-NT2RP3003914//UDP-GLUCOSE:GLYCOPROTEIN GLUCOSYLTRANSFERASE PRECURSOR (EC 2.4.1.-) (DUGT).//2.20E-20//76aa//64%//Q09332
- 35 C-NT2RP3003918//Homo sapiens VAMP-associated protein B (VAP-B) mRNA, complete cds.//0//2191bp//99%//AF086628
- C-NT2RP3004013//M.musculus Spnr mRNA for RNA binding protein.//6.50E-240//1215bp//94%//X84692
- C-NT2RP3004016//TRANSCRIPTION INTERMEDIARY FACTOR 1-BETA (NUCLEAR COREPRESSOR KAP-1) (KRAB-ASSOCIATED PROTEIN 1).//1.50E-17//226aa//26%//Q13263
- 40 C-NT2RP3004078//H.sapiens HRFX2 mRNA.//0//1806bp//99%//X76091
- C-NT2RP3004125//Mus musculus zinc finger protein splice variant FIZ1-B (Fiz1) mRNA, complete cds.//4.60E-229//1560bp//78%//AF126747
- C-NT2RP3004148//GLUCOAMYLASE S1/S2 PRECURSOR (EC 3.2.1.3) (GLUCAN 1,4-ALPHA- GLUCOSIDASE) (1,4-ALPHA-D-GLUCAN GLUCOHYDROLASE).//7.90E-05//271aa//22%//P08640
- 45 C-NT2RP3004155//Homo sapiens COQ7 protein mRNA, complete cds.//1.10E-179//823bp//100%//AF098948
- C-NT2RP3004189//VEGETATIBLE INCOMPATIBILITY PROTEIN HET-E-1.//1.30E-14//242aa//24%//Q00808
- C-NT2RP3004206//CROOKED NECK PROTEIN.//1.40E-220//567aa//67%//P17886
- C-NT2RP3004207//Homo sapiens mRNA for type I transmembrane receptor (psk-1 gene).//0//2445bp//100%//AJ245820
- 50 C-NT2RP3004209//Homo sapiens ubiquitin processing protease (Ubp-M) mRNA, complete cds.//0//2320bp//99%//AF126736
- C-NT2RP3004242//PUTATIVE RHO/RAC GUANINE NUCLEOTIDE EXCHANGE FACTOR (RHO/RAC GEF) (FACIOGENITAL DYSPLASIA PROTEIN HOMOLOG).//4.70E-13//118aa//33%//P52734
- C-NT2RP3004258//Homo sapiens ZIS1 mRNA, complete cds.//0//1861bp//99%//AF065391
- 55 C-NT2RP3004262//Homo sapiens heat shock protein hsp40-3 mRNA, complete cds.//2.40E-248//1126bp//100%//AF088982
- C-NT2RP3004282//Homo sapiens torsinA (DYT1) mRNA, complete cds.//5.10E-24//597bp//61%//AF007871
- C-NT2RP3004348//R.norvegicus mRNA for cytosolic resiniferatoxin-binding protein.//1.10E-185//1130bp//82%//

X67877

C-NT2RP3004378//Drosophila melanogaster separation anxiety protein (san) mRNA, complete cds.//3.90E-38//462bp//70%//AF225902

C-NT2RP3004424//Homo sapiens mRNA for stromal antigen 3 (STAG3 gene).//1.00E-66//364bp//93%//AJ007798

5 C-NT2RP3004428//CHROMODOMAIN HELICASE-DNA-BINDING PROTEIN 4 (CHD-4) (MI-2 AUTOANTIGEN 218 KD PROTEIN) (MI2-BETA).//5.20E-09//212aa//25%//Q14839

C-NT2RP3004472//GERM CELL-LESS PROTEIN.//1.60E-61//170aa//40%//Q01820

C-NT2RP3004480//VACUOLAR PROTEIN SORTING-ASSOCIATED PROTEIN VPS35.//3.30E-113//466aa//42%//P34110

10 C-NT2RP3004490//Homo sapiens mRNA for Musashi, complete cds.//4.00E-303//1385bp//99%//AB012851

C-NT2RP3004498//Mus musculus ROSA 26 transcription AS ROSA26AS mRNA, complete cds.//2.00E-249//1777bp//80%//U83176

C-NT2RP3004504//M.musculus mRNA for CPEB protein.//1.90E-295//893bp//92%//Y08260

C-NT2RP3004507//MOB1 PROTEIN (MPS1 BINDER 1).//3.70E-37//190aa//39%//P40484

15 C-NT2RP3004534//Mouse oncogene (ect2) mRNA, complete cds.//0//2075bp//87%//L11316

C-NT2RP3004544//THYROID RECEPTOR INTERACTING PROTEIN 10 (TRIP10) (FRAGMENT).//1.00E-22//1.3aa//53%//Q15642

C-NT2RP3004566//ZINC FINGER PROTEIN 84 (ZINC FINGER PROTEIN HPF2).//1.20E-95//434aa//43%//P51523

20 C-NT2RP3004569//ANKYRIN, BRAIN VARIANT 1 (ANKYRIN B) (ANKYRIN, NONERYTHROID).//3.80E-08//150aa//28%//Q01484

C-NT2RP3004572//Homo sapiens TATA binding protein associated factor (TAFII150) mRNA, complete cds.//0//1853bp//99%//AF040701

C-NT2RP3004578//MYOSIN HEAVY CHAIN, CLONE 203 (FRAGMENT).//5.50E-12//396aa//23%//P39922

25 C-NT2RP3004594//Homo sapiens mRNA for AND-1 protein.//0//1807bp//99%//AJ006266

C-NT2RP3004617//ZINC-BINDING PROTEIN A33.//7.20E-75//464aa//35%//Q02084

C-NT2RP3004618//Homo sapiens putative RNA-binding protein Q99 mRNA, complete cds.//0//3972bp//98%//AF093097

30 C-NT2RP3004669//ETHANOLAMINE KINASE (EC 2.7.1.82) (EASILY SHOCKED PROTEIN).//1.70E-72//254aa//45%//P54352

C-NT2RP3004670//Homo sapiens GN6ST mRNA for N-acetylglucosamine-6-O-sulfotransferase (GlcNAc6ST), complete cds.//0//2393bp//99%//AB014679

C-NT2RP4000008//CHLORINE CHANNEL PROTEIN P64.//2.60E-98//239aa//64%//P35526

C-NT2RP4000051//SYNAPTONEMAL COMPLEX PROTEIN SC65.//4.90E-51//335aa//37%//Q64375

35 C-NT2RP4000078//Homo sapiens mRNA for NS1-binding protein (NS1-BP).//0//2160bp//99%//AJ012449

C-NT2RP4000109//Homo sapiens mRNA for MEGF5, partial cds.//0//2161bp//99%//AB011538

C-NT2RP4000111//CLEAVAGE AND POLYADENYLATION SPECIFICITY FACTOR, 100 KD SUBUNIT (CPSF 100 KD SUBUNIT).//0//728aa//99%//Q10568

40 C-NT2RP4000129//Xenopus laevis F-box protein 28 (Fbx28) mRNA, partial cds.//1.40E-28//296bp//75%//AF176667

C-NT2RP4000147//Rattus norvegicus ADP-ribosylation factor-directed GTPase activating protein mRNA, complete cds.//4.30E-188//1543bp//78%//U35776

C-NT2RP4000210//PAIRED AMPHIPATHIC HELIX PROTEIN.//1.00E-71//396aa//36%//P22579

45 C-NT2RP4000212//ATRIAL GLAND-SPECIFIC ANTIGEN PRECURSOR (AGSA).//5.90E-15//104aa//40%//P15287

C-NT2RP4000243//Homo sapiens mRNA for cartilage-associated protein (CASP).//0//1932bp//99%//AJ006470

C-NT2RP4000246//NPC DERIVED PROLINE RICH PROTEIN 1 (NDPP-1).//2.70E-84//208aa//76%//Q03173

C-NT2RP4000259//GLUTATHIONE PEROXIDASE.2 (EC 1.11.1.9).//5.50E-29//153aa//43%//O23968

50 C-NT2RP4000290//HYPOTHETICAL 116.5 KD PROTEIN C20G8.09C IN CHROMOSOME 1.//3.50E-297//1024aa//55%//P87115

C-NT2RP4000312//ADENYLATE CYCLASE (EC 4.6.1.1) (ATP PYROPHOSPHATE-LYASE) (ADENYL CYCLASE).//1.50E-26//237aa//28%//Q01631

C-NT2RP4000323//KERATIN, ULTRA HIGH-SULFUR MATRIX PROTEIN (UHS KERATIN).//3.00E-07//101aa//32%//P26372

55 C-NT2RP4000367//Homo sapiens IkappaB kinase complex associated protein (IKAP) mRNA, complete cds.//0//4782bp//99%//AF044195

C-NT2RP4000370//MITOCHONDRIAL PEPTIDE CHAIN RELEASE FACTOR 1 PRECURSOR (MRF-1).//2.60E-77//262aa//54%//O75570

- C-NT2RP4000376//Homo sapiens mRNA for phospholipase A2 activating protein.//0//2412bp//99%//AJ238243
 C-NT2RP4000398//ZINC FINGER PROTEIN 140.//2.90E-110//435aa//50%//P52738
 C-NT2RP4000415//Drosophila melanogaster fumble (fumble) mRNA, complete cds.//6.20E-19//902bp//57%//AF221546
- 5 C-NT2RP4000417//MANNOSYL-OLIGOSACCHARIDE ALPHA-1,2-MANNOSIDASE (EC 3.2.1.113)(MAN(9)-ALPHA-MANNOSIDASE)(FRAGMENT).//2.60E-51//438aa//33%//P45701
 C-NT2RP4000449//Homo sapiens sirtuin type 1 (SIRT1) mRNA, complete cds.//0//3143bp//99%//AF083106
 C-NT2RP4000455//TRANS-ACTING TRANSCRIPTIONAL PROTEIN ICP0.//3.00E-07//175aa//27%//P09309
 C-NT2RP4000457//UBIQUITIN CARBOXYL-TERMINAL HYDROLASE 15 (EC 3.1.2.15) (UBIQUITIN THIOLESTERASE 15) (UBIQUITIN-SPECIFIC PROCESSING PROTEASE 15)(DEUBIQUITINATING ENZYME 15).//10 2.50E-37//291aa//38%//P50101
 C-NT2RP4000481//ATP-DEPENDENT RNA HELICASE DOB1 (MRNA TRANSPORT REGULATOR MTR4).//1.90E-67//721aa//29%//Q09475
 C-NT2RP4000498//MOB1 PROTEIN (MPS1 BINDER 1).//8.80E-50//214aa//50%//P40484
- 15 C-NT2RP4000518//ATP-DEPENDENT RNA HELICASE ROK1.//1.50E-106//495aa//45%//P45818
 C-NT2RP4000524//Mus musculus Sec8 mRNA, complete cds.//0//3131bp//87%//AF022962
 C-NT2RP4000528//NPL4 PROTEIN.//9.80E-86//515aa//37%//P33755
 C-NT2RP4000556//SUR4 PROTEIN (SRE1 PROTEIN).//7.40E-14//233aa//31%//P40319
 C-NT2RP4000614//Homo sapiens TLS-associated protein TASR-2 mRNA, complete cds.//2.90E-188//863bp//99%//AF067730
- 20 C-NT2RP4000648//TRANS-ACTING TRANSCRIPTIONAL PROTEIN ICP0.//3.70E-07//175aa//27%//P09309
 C-NT2RP4000657//SPORE COAT POLYSACCHARIDE BIOSYNTHESIS PROTEIN SPSE.//1.10E-32//350aa//30%//P39625
 C-NT2RP4000713//HYPOTHETICAL 55.1 KD PROTEIN B0416.5 IN CHROMOSOME X.//1.10E-13//295aa//27%//Q11073
- 25 C-NT2RP4000724//RETROVIRUS-RELATED ENV POLYPROTEIN.//3.20E-191//199aa//78%//P10267
 C-NT2RP4000737//Mus musculus F-box protein FBL10 mRNA, partial cds.//4.60E-250//1462bp//84%//AF176524
 C-NT2RP4000781//HYPOTHETICAL 27.7 KD PROTEIN IN CPT1-SPC98 INTERGENIC REGION.//0.000000032//67aa//31%//P53915
- 30 C-NT2RP4000817//GLUCOAMYLASE S1/S2 PRECURSOR (EC 3.2.1.3) (GLUCAN1,4-ALPHA- GLUCOSIDASE) (1,4-ALPHA-D-GLUCAN GLUCOHYDROLASE).//9.80E-11//503aa//23%//P08640
 C-NT2RP4000837//Homo sapiens mRNA for zinc finger protein SALL1.//4.30E-94//810bp//65%//Y18265
 C-NT2RP4000839//VEGETATIBLE INCOMPATIBILITY PROTEIN HET-E-1.//8.50E-21//271aa//28%//Q00808
 C-NT2RP4000855//AMINOPEPTIDASE B (EC 3.4.11.6) (ARGINYL AMINOPEPTIDASE)(ARGININE AMINOPEPTIDASE) (CYTOSOL AMINOPEPTIDASE IV) (AP-B).//5.70E-82//324aa//48%//O09175
- 35 C-NT2RP4000865//ZINC FINGER PROTEIN ZFP-36 (FRAGMENT).//4.10E-85//174aa//55%//P16415
 C-NT2RP4000878//MYELOID UPREGULATED PROTEIN.//6.20E-91//173aa//87%//O35682
 C-NT2RP4000879//UBIQUITIN-ACTIVATING ENZYME EI (A1S9 PROTEIN).//9.60E-96//513aa//42%//P22314
 C-NT2RP4000907//Mouse NLRR-1 mRNA for leucine-rich-repeat protein, complete cds.//0//2127bp//86%//D45913
- 40 C-NT2RP4000925//FIBROMODULIN PRECURSOR (FM) (COLLAGEN-BINDING 59 KD PROTEIN).//2.60E-26//227aa//36%//Q06828
 C-NT2RP4000927//UBIQUITIN CARBOXYL-TERMINAL HYDROLASE DUB-1 (EC 3.1.2.15) (UBIQUITIN THIOLESTERASE DUB-1) (UBIQUITIN-SPECIFIC PROCESSING PROTEASE DUB-1) (DEUBIQUITINATING ENZYME 1).//1.50E-76//346aa//43%//Q61068
- 45 C-NT2RP4000928//Homo sapiens mRNA for CDS2 protein.//0//2487bp//99%//Y16521
 C-NT2RP4000929//PUTATIVE ATP-DEPENDENT RNA HEUCASE MJ1505.//1.40E-07//185aa//25%//Q58900
 C-NT2RP4000973//PROBABLE PROTEIN DISULFIDE ISOMERASE P5 PRECURSOR (EC 5.3.4.1).//1.40E-26//90aa//42%//P38660
- 50 C-NT2RP4000979//Homo sapiens putative HIV-1 infection related protein mRNA, partial cds.//2.30E-81//389bp//100%//AF094583
 C-NT2RP4000989//UNC-47 PROTEIN.//8.20E-06//173aa//25%//P34579
 C-NT2RP4000997//DNA-DIRECTED RNA POLYMERASE 1135 KD POLYPEPTIDE (EC 2.7.7.6) (RNA POLYMERASE I SUBUNIT 2) (RPA135).//0//838aa//87%//P70700
- 55 C-NT2RP4001004//VACUOLAR PROTEIN 8.//3.70E-16//401aa//26%//P39968
 C-NT2RP4001010//Rattus norvegicus PSD-95/SAP90-associated protein-4 mRNA, complete cds.//3.50E-257//1377bp//91%//U67140
 C-NT2RP4001029//Homo sapiens transcription factor LBP-1b (LBP-1) mRNA, complete cds.//0//2002bp//98%//

AF198487
C-NT2RP4001041//PROBABLE LEUCYL-TRNA SYNTHETASE (EC 6.1.1.4) (LEUCINE--TRNA LIGASE)//1.50E-92//443aa//44%/Q09996
C-NT2RP4001064//SYNAPTONEMAL COMPLEX PROTEIN SC65//6.70E-51//335aa//37%/Q64375
5 C-NT2RP4001079//CALCIUM-TRANSPORTING ATPASE 1 (EC 3.6.1.38) (GOLGI CA2+-ATPASE)//1.30E-123//563aa//46%/P13586
C-NT2RP4001080//Homo sapiens mRNA for Rod1, complete cds//0//1439bp//99%/AB023967
C-NT2RP4001086//NEUROFILAMENT TRIPLET H PROTEIN (200 KD NEUROFILAMENT PROTEIN) (NF-H)//2.30E-07//474aa//22%/P12036
10 C-NT2RP4001095//DOUBLE-STRANDED RNA-SPECIFIC EDITASE 1 (EC 3.5.-.-) (DSRNA ADENOSINE DEAMINASE) (RNA EDITING ENZYME 1)//2.60E-17//121aa//36%/P51400
C-NT2RP4001117//PROTEIN TRANSPORT PROTEIN SEC61 ALPHA SUBUNIT//1.90E-115//224aa//100%/P38378
C-NT2RP4001122//mPD PROTEIN//1.40E-65//253aa//41%/O15736
15 C-NT2RP4001126//TRICHOHYALIN//2.90E-18//380aa//26%/Q07283
C-NT2RP4001143//SUCCINYL-DIAMINOPIMELATE DESUCCINYLAASE (EC 3.5.1.18) (SDAP)//2.10E-07//93aa//33%/P44514
C-NT2RP4001148//SOF1 PROTEIN//1.30E-104//236aa//52%/P33750
C-NT2RP4001149//Homo sapiens cleft lip and palate transmembrane protein 1 (CLPTM1) mRNA, complete cds//20 4.40E-187//731bp//100%/AF037339
C-NT2RP4001150//NG-CAM RELATED CELL ADHESION MOLECULE PRECURSOR (NR-CAM) (BRAVO)//3.40E-29//385aa//29%/P35331
C-NT2RP4001174//NON-GREEN PLASTID TRIOSE PHOSPHATE TRANSLOCATOR PRECURSOR (CTPT)//4.70E-29//227aa//35%/P52178
25 C-NT2RP4001206//Drosophila melanogaster strawberry notch (sno) mRNA, complete cds//4.40E-104//1460bp//65%/U95760
C-NT2RP4001207//Homo sapiens Ran binding protein 11 mRNA, complete cds//0//2940bp//99%/AF111109
C-NT2RP4001213//ZINC FINGER PROTEIN 184 (FRAGMENT)//5.70E-141//511aa//43%/Q99676
C-NT2RP4001219//PROBABLE PROTEIN DISULFIDE ISOMERASE P5 PRECURSOR (EC 5.3.4.1)//6.20E-27//30 90aa//42%/P38660
C-NT2RP4001228//RING CANAL PROTEIN (KELCH PROTEIN)//1.80E-103//508aa//43%/Q04652
C-NT2RP4001256//Homo sapiens mRNA for gamma tubulin ring complex protein (76p gene)//0//2006bp//100%/AJ249677
C-NT2RP4001260//Homo sapiens F-box protein Fbx21 (FBX21) mRNA, complete cds//0//1866bp//100%/35 AF174601
C-NT2RP4001274//Human transporter protein (g17) mRNA, complete cds//4.40E-58//1196bp//61%/U49082
C-NT2RP4001276//TRICHOHYALIN//7.90E-09//126aa//32%/Q07283
C-NT2RP4001313//MITOCHONDRIAL IMPORT RECEPTOR SUBUNIT TOM40 (MOM38 PROTEIN) (TRANSLOCASE OF OUTER MEMBRANE 40 KD SUBUNIT)//5.90E-17//296aa//29%/P24391
40 C-NT2RP4001315//Bos taurus mRNA for Rab5 GDP/GTP exchange factor, Rabex5//8.50E-213//1129bp//92%/AJ001119
C-NT2RP4001336//GUANINE NUCLEOTIDE-BINDING PROTEIN BETA SUBUNIT-LIKE PROTEIN//0.000016//186aa//29%/O24076
C-NT2RP4001339//Homo sapiens mRNA for AMMERC1 protein//9.20E-160//736bp//99%/AJ007014
45 C-NT2RP4001345//Homo sapiens mRNA for LCAT-like lysophospholipase (LLPL), complete cds//2.7e-310//1400bp//100%/AB017494
C-NT2RP4001351//Human ovarian cancer downregulated myosin heavy chain homolog (Doc1) mRNA, complete cds//1.40E-58//2425bp//59%/U53445
C-NT2RP4001372//IRREGULAR CHIASM C-ROUGHEST PROTEIN PRECURSOR (IRREC PROTEIN)//1.60E-19//222aa//30%/Q08180
50 C-NT2RP4001375//NON-RECEPTOR TYROSINE KINASE SPORE LYSIS A (EC 2.7.1.112) (TYROSINE-PROTEIN KINASE 1)//9.20E-17//146aa//35%/P18160
C-NT2RP4001379//HYPOTHETICAL 49.1 KD PROTEIN C11D3.06 IN CHROMOSOME I//2.00E-53//436aa//30%/Q10085
55 C-NT2RP4001389//KESIPROTEIN//1.70E-31//342aa//34%/P35844
C-NT2RP4001407//TRICHOHYALIN//1.90E-05//298aa//21%/P22793
C-NT2RP4001414//SEPTIN 2 HOMOLOG (FRAGMENT)//7.70E-190//422aa//82%/Q14141
C-NT2RP4001433//ZINC FINGER PROTEIN 184 (FRAGMENT)//1.20E-138//419aa//54%/Q99676

- C-NT2RP4001474//Xenopus laevis putative Zic3 binding protein mRNA, complete cds//2.70E-66//738bp//71%//AF129131
- C-NT2RP4001483//2-OXOGLUTARATE DEHYDROGENASE EI COMPONENT PRECURSOR (EC 1.2.4.2) (ALPHA-KETOGLUTARATE DEHYDROGENASE)//0//962aa//78%//Q02218
- 5 C-NT2RP4001498//ANKYRIN REPEAT-CONTAINING PROTEIN AKR1 //1.00E-27//374aa//29%//P39010
- C-NT2RP4001529//Homo sapiens transcription factor LBP-1b (LBP-1) mRNA, complete cds//0//2002bp//98%//AF198487
- C-NT2RP4001547//HYPOTHETICAL 45.0 KD PROTEIN IN NOT1/CDC39-HMR INTERGENIC REGION//5.70E-54//242aa//38%//P25656
- 10 C-NT2RP4001551//Homo sapiens chromatin-specific transcription elongation factor FACT 140 kDa subunit mRNA, complete cds//0//3202bp//99%//AF152961
- C-NT2RP4001555//PUTATIVE ENDONUCLEASE VIII (EC 3.2.-.-)//4.70E-09//216aa//24%//P96902
- C-NT2RP4001567//ARMADILLO SEGMENT POLARITY PROTEIN//5.40E-07//213aa//26%//Q02453
- C-NT2RP4001568//ZINC FINGER PROTEIN GCS1//1.80E-10//109aa//36%//P35197
- 15 C-NT2RP4001574//COATOMER GAMMA SUBUNIT (GAMMA-COAT PROTEIN) (GAMMA-COP)//0//874aa//96%//P53620
- C-NT2RP4001575//Rattus norvegicus mRNA for ARE1 protein//0//1087bp//87%//AJ223830
- C-NT2RP4001592//ISOLEUCYL-TRNA SYNTHETASE (EC 6.1.1.5) (ISOLEUCINE--TRNA LIGASE) (ILERS)//1.70E-141//373aa//47%//P73505
- 20 C-NT2RP4001634//CENTROMERIC PROTEIN E (CENP-E PROTEIN)//2.80E-14//652aa//22%//Q02224
- C-NT2RP4001638//DNA REPAIR/TRANSCRIPTION PROTEIN MET18/MMS19//5.10E-46//234aa//32%//P40469
- C-NT2RP4001644//MYOSIN UGHT CHAIN KINASE (EC 2.7.1.117) (MLCK)//6.40E-19//111aa//45%//P25323
- C-NT2RP4001656//VACUOLAR BIOGENESIS PROTEIN END1 (PEP5 PROTEIN)//1.10E-45//310aa//27%//P12868
- 25 C-NT2RP4001696//CLEAVAGE AND POLYADENYLATION SPECIFICITY FACTOR, 100 KD SUBUNIT (CPSF 100 KD SUBUNIT)//4.00E-10//243aa//25%//Q10568
- C-NT2RP4001725//GUANINE NUCLEOTIDE-BINDING PROTEIN BETA SUBUNIT//3.00E-10//128aa//32%//Q10282
- 30 C-NT2RP4001730//UDP-GLUCOSE:GLYCOPROTEIN GLUCOSYLTRANSFERASE PRECURSOR (EC 2.4.1.-) (DUGT)//6.40E-170//1168aa//33%//Q09332
- C-NT2RP4001753//ZINC FINGER PROTEIN 84 (ZINC FINGER PROTEIN HPF2)//3.90E-236//665aa//58%//P51523
- C-NT2RP4001760//PUTATIVE RHO/RAC GUANINE NUCLEOTIDE EXCHANGE FACTOR (RHO/RAC GEF) (FACIOGENITAL DYSPLASIA PROTEIN)//4.10E-16//263aa//27%//P98174
- 35 C-NT2RP4001790//Homo sapiens zinc finger protein ZFP-95 (ZFP95) mRNA, alternatively spliced, complete cds//0//3053bp//99%//AF170025
- C-NT2RP4001822//PLATELET-ENDOTHELIAL TETRASPAN ANTIGEN 3 (PETA-3) (GP27) (MEMBRANE GLYCOPROTEIN SFA-1) (CD151 ANTIGEN)//1.20E-30//241aa//30%//Q35566
- 40 C-NT2RP4001823//MICROFIBRIL-ASSOCIATED GLYCOPROTEIN 4//1.10E-19//77aa//54%//P55083
- C-NT2RP4001838//Homo sapiens CoREST protein (COREST) mRNA, complete cds//6.30E-99//555bp//73%//AF155595
- C-NT2RP4001849//SH3-BINDING PROTEIN 3BP-1//1.40E-85//489aa//43%//P55194
- C-NT2RP4001861//HTUCHOXYALIN//1.00E-35//307aa//34%//P37709
- 45 C-NT2RP4001896//VEGETATIBLE INCOMPATIBILITY PROTEIN HET-E-1//1.40E-08//345aa//25%//Q00808
- C-NT2RP4001927//MICROTUBULE-ASSOCIATED PROTEIN YTM1//1.30E-38//258aa//32%//Q12024
- C-NT2RP4001938//TRANSCRIPTIONAL REPRESSOR CTCF//9.80E-60//303aa//38%//P49711
- C-NT2RP4001946//PROTEIN-L-ISOASPARTATE O-METHYLTRANSFERASE (EC 2.1.1.77) (PROTEIN- BETA-ASPARTATE METHYLTRANSFERASE) (PIMT) (PROTEIN L-ISOASPARTYL METHYLTRANSFERASE) (L-ISO-ASPARTYL PROTEIN CARBOXYL METHYLTRANSFERASE)//1.50E-13//211aa//28%//Q43209
- 50 C-NT2RP4001950//GLUTAMIC ACID-RICH PROTEIN PRECURSOR//1.20E-13//356aa//27%//P13816
- C-NT2RP4001966//Mus musculus ODZ3 (Odz3) mRNA, partial cds//0//3203bp//87%//AF195418
- C-NT2RP4001975//Homo sapiens golgi membrane protein GP73 mRNA, complete cds//0//3024bp//99%//AF236056
- 55 C-NT2RP4002018//RING CANAL PROTEIN (KELCH PROTEIN)//6.90E-24//370aa//27%//Q04652
- C-NT2RP4002047//GTP-BINDING PROTEIN LEPA//1.50E-168//601aa//52%//O67618
- C-NT2RP4002058//PUTATIVE PRE-MRNA SPLICING FACTOR RNA HELICASE (DEAH BOX PROTEIN 13)//1.00E-137//679aa//40%//O43143

C-NT2RP4002078//ZINC FINGER PROTEIN 91 (ZINC FINGER PROTEIN HTF10) (HPF7).//3.00E-150//722aa//39%//Q05481
 C-NT2RP4002081//TRANSCRIPTION INITIATION FACTOR IIA ALPHA AND BETA CHAINS (TFIIA P35 AND PI 9 SUBUNITS) (TFIIA-42) (TFIIAL).//6.70E-06//250aa//31%//P52655
 5 C-NT2RP4002408//PROTEIN KINASE CEK1 (EC 2.7.1.-) //1.50E-63//159aa//53%//P38938
 C-NT2RP4002791//NUCLEOPROTEIN TPR.//6.50E-05//659aa//23%//P12270
 C-NT2RP5003461//RLR1 PROTEIN.//9.70E-22//177aa//27%//P53552
 C-NT2RP5003477//VEGETATIBLE INCOMPATIBILITY PROTEIN HET-E-1.//5.50E-15//280aa//27%//Q00808
 10 C-NT2RP5003500//Mus musculus mRNA for heparan sulfate 6-sulfotransferase 2, complete cds.//1.30E-237//820bp//87%//AB024565
 C-NT2RP5003506//Homo sapiens putative G protein-coupled receptor (RAIG1) mRNA, complete cds.//0//2289bp//99%//AF095448
 C-NT2RP5003522//NADPH-CYTOCHROME P450 REDUCTASE (EC 1.6.2.4) (CPR).//3.30E-23//219aa//40%//P37116
 15 C-OVARC1000001//Homo sapiens mRNA for actin binding protein ABP620, complete cds.//7.00E-217//683bp//99%//AB029290
 C-OVARC1000006//HISTONE H2A.1.//1.10E-55//117aa//99%//P02262
 C-OVARC1000013//APOPTOTIC PROTEASE ACTIVATING FACTOR 1 (APAF-1).//4.20E-06//102aa//32%//Q14727
 20 C-OVARC1000014//Homo sapiens GLE1 (GLE1) mRNA, complete cds.//2.60E-295//1393bp//97%//AF058922
 C-OVARC1000060//EXTRACELLULAR RIBONUCLEASE LE PRECURSOR (EC 3.1.27.1) (RNASE LE).//3.20E-07//60aa//45 %//P80022
 C-OVARC1000071//Homo sapiens NTF2-related export protein NXT1 (NXT1) mRNA, complete cds.//1.50E-47//727bp//67%//AF156957
 25 C-OVARC1000085//Human mRNA for proteasome subunit HC5.//1.00E-151//699bp//100%//D00761
 C-OVARC1000087//HISTONE MACRO-H2A.1.//1.60E-12//174aa//26%//Q02874
 C-OVARC1000091//HOST CELL FACTOR C1 (HCF) (VP16 ACCESSORY PROTEIN) (HFC1) (VCAF) (CFF).//8.40E-14//259aa//30%//P51610
 C-OVARC1000106//TROPOMYOSIN 1, FUSION PROTEIN 33.//0.000032//165aa//27%//P49455
 30 C-OVARC1000139//UBIQUITIN CARBOXYL-TERMINAL HYDROLASE 4 (EC 3.1.2.15) (UBIQUITIN THI-OLESTERASE 4) (UBIQUITIN-SPECIFIC PROCESSING PROTEASE 4) (DEUBIQUITINATING ENZYME 4) (UBIQUITOUS NUCLEAR PROTEIN HOMOLOG).//2.70E-12//120aa//32%//Q13107
 C-OVARC1000151//Homo sapiens partial mRNA for putative protein p38 interacting with transcription factor Spl.//2.50E-95//461bp//98%//AJ242975
 35 C-OVARC1000209//Oryza sativa submergence induced protein 2A mRNA, complete cds.//1.80E-32//511bp//65%//AF068332
 C-OVARC1000241//HYPOXIA-INDUCIBLE FACTOR 1 ALPHA (HIF-1 ALPHA) (ARNT INTERACTING PROTEIN) (MEMBER OF PAS PROTEIN 1) (MOP1) (HIF1 ALPHA).//8.20E-120//351aa//54%//Q16665
 C-OVARC1000288//VACUOLAR AMINOPEPTIDASE I PRECURSOR (EC 3.4.11.22) (POLYPEPTIDASE)(LEUCINE AMINOPEPTIDASE IV) (LAPIV) (AMINOPEPTIDASE III)(AMINOPEPTIDASE YSCI).//5.40E-53//384aa//30%//P14904
 40 C-OVARC1000304//PROTEIN MOV-10.//1.10E-249//519aa//87%//P23249
 C-OVARC1000309//THREONINE SYNTHASE (EC 4.2.99.2).//2.70E-40//154aa//38%//P29363
 C-OVARC1000326//Rattus norvegicus lamina-associated polypeptide 1C (LAP1C) mRNA, complete cds.//9.20E-148//787bp//76%//U19614
 45 C-OVARC1000335//HYPOTHETICAL 39.3 KD PROTEIN IN GCN4-WBP1 INTERGENIC REGION.//5.90E-14//200aa//27%//P40004
 C-OVARC1000437//TENSIN.//7.90E-181//340aa//84%//Q04205
 C-OVARC1000465//PROTEIN TRANSPORT PROTEIN SEC7.//1.20E-25//227aa//25%//P11075
 50 C-OVARC1000473//DUAL SPECIFICITY PROTEIN PHOSPHATASE 3 (EC 3.1.3.48) (EC 3.1.3.16) (DUAL SPECIFICITY PROTEIN PHOSPHATASE VHR).//3.10E-10//125aa//35%//P51452
 C-OVARC1000479//Rattus norvegicus mRNA for TIP120, complete cds.//0//1872bp//89%//D87671
 C-OVARC1000520//Homo sapiens supervillin mRNA, complete cds.//2.20E-157//892bp//91%//AF051850
 C-OVARC1000556//RIBOSOMAL PROTEIN S6 KINASE II ALPHA 2 (EC 2.7.1.-) (S6KII-ALPHA 2) (P90-RSK 2) (RIBOSOMAL S6 KINASE 3) (RSK3) (PP90RSK3).//3.30E-67//132aa//95%//Q15349
 55 C-OVARC1000564//Homo sapiens sorting nexin 5 (SNX5) mRNA, complete cds.//1.0E-310//1440bp//98%//AF121855
 C-OVARC1000649//Human squamous cell carcinoma of esophagus mRNA for GRB-7 SH2 domain protein, com-

plete cds.//0//1812bp//98%//D43772
 C-OVARC1000679//Homo sapiens myosin-IXa mRNA, complete cds.//0//808bp//99%//AF117888
 C-OVARC1000682//PROCESSING ALPHA-1,2-MANNOSIDASE (EC 3.2.1.-) (ALPHA-1,2-MANNOSIDASE 1B).//
 1.10E-209//293aa//95%//P39098
 5 C-OVARC1000722//Homo sapiens chromosome 1q21-1q23 beta-1,4-galactosyltransferase mRNA, complete
 cds.//0//759bp//98%//AF038661
 C-OVARC1000746//MATERNAL EFFECT PROTEIN STAUFEN.//0.000000017//78aa//48%//P25159
 C-OVARC1000751//PROBABLE PROTEIN PHOSPHATASE 2C T23F11.1 (EC 3.1.3.16) (PP2C).//5.60E-11//
 74aa//37%//P49596
 10 C-OVARC1000771//RAS-RELATED PROTEIN RAB-2.//1.10E-46//121aa//79%//P08886
 C-OVARC1000800//MITOCHONDRIAL STRESS-70 PROTEIN PRECURSOR (75 KD GLUCOSE REGULATED
 PROTEIN) (GRP 75).//3.90E-46//78aa//98%//O35501
 C-OVARC1000834//Homo sapiens mRNA for atopy related autoantigen CALC.//2.80E-258//1183bp//99%//Y17711
 C-OVARC1000846//NUCLEOLIN (PROTEIN C23).//0.0000097//109aa//30%//P08199
 15 C-OVARC1000850//Homo sapiens PB39 mRNA, complete cds.//0//2095bp//99%//AF045584
 C-OVARC1000862//M.musculus mRNA for FT1.//5.90E-226//1498bp//81%//Z67963
 C-OVARC1000876//MOB1 PROTEIN (MPS1 BINDER 1).//2.20E-50//206aa//52%//P40484
 C-OVARC1000885//OXIDOREDUCTASE UCPA (EC 1.-.-.-).//1.30E-32//170aa//34%//P37440
 C-OVARC1000915//Homo sapiens histone deacetylase 5 mRNA, complete cds.//1.60E-121//591bp//97%//
 20 AF132608
 C-OVARC1000936//COAT PROTEIN GP37 (ENV PROTEIN GP37).//0.0000054//135aa//28%//P03398
 C-OVARC1000937//S-PHASE ENTRY CYCLIN 6.//4.90E-10//61aapb//49%//P32943
 C-OVARC1000945//Rattus norvegicus mRNA for atypical PKC specific binding protein, complete cds.//0//1961bp//
 82%//AB005549
 25 C-OVARC1000959//HYPOTHETICAL PROTEIN MJ0933.//1.20E-17//127aa//33%//Q58343
 C-OVARC1000999//ANKYRIN HOMOLOG PRECURSOR.//4.10E-11//189aa//32%//Q06527
 C-OVARC1001034//Mus musculus Fn54 mRNA, partial cds.//1.50E-178//1113bp//86%//AF001533
 C-OVARC1001038//Homo sapiens mRNA for Ariadne-2 protein.//0//1172bp//97%//AJ130978
 C-OVARC1001051//EPIDERMAL GROWTH FACTOR RECEPTOR SUBSTRATE SUBSTRATE 15 (PROTEIN
 30 EPS15) (AF-1P PROTEIN).//1.10E-08//216aa//23%//P42566
 C-OVARC1001055//PRE-B CELL ENHANCING FACTOR PRECURSORS.//1.90E-35//76aa//98%//P43490
 C-OVARC1001065//Homo sapiens CGI-12 protein mRNA, complete cds.//1.00E-215//1027bp//98%//AF132946
 C-OVARC1001068//Homo sapiens Era GTPase A protein (HERA-A) mRNA, partial cds.//0//1819bp//99%//
 AF082657
 35 C-OVARC1001092//Homo sapiens mRNA for JM5 protein, complete CDS (clone IMAGE 53337,
 LLNLc110F1857Q7 (RZPD Berlin) and LLNLc110G0913Q7 (RZPD Berlin)).//2.00E-214//769bp//97%//AJ005897
 C-OVARC1001107//Homo sapiens protein methyltransferase (JBP1) mRNA, complete cds.//6.10E-276//594bp//
 98%//AF167572
 C-OVARC1001113//Homo sapiens diaphanous 1 (HDIA1) mRNA, complete cds.//5.1e-310//1588bp//93%//
 40 AF051782
 C-OVARC1001154//Homo sapiens clone 24720 epithelin 1 and 2 mRNA, complete cds.//2.30E-296//1561bp//
 93%//AF055008
 C-OVARC1001171//Homo sapiens translation initiation factor 3 47 kDa subunit mRNA, complete cds.//5.70E-151//
 436bp//92%//U94855
 45 C-OVARC1001180//UBIQUITIN-LIKE PROTEIN DSK2.//1.10E-11//221aa//25%//P48510
 C-OVARC1001200//Mus musculus mRNA for HS1 binding protein 3.//5.80E-88//658bp//80%//AJ132192
 C-OVARC1001232//CLEAVAGE AND POLYADENYLATION SPECIFICITY FACTOR, 100 KD SUBUNIT (CPSF
 100 KD SUBUNIT).//5.10E-22//83aa//37%//Q10568
 C-OVARC1001244//H.sapiens mRNA for Drosophila female sterile homeotic (FSH) homologue.//0//1467bp//99%//
 50 X62083
 C-OVARC1001271//NUCLEOLAR TRANSCRIPTION FACTOR 1 (UPSTREAM BINDING FACTOR 1) (UBF-1).//
 0.0000014//224aa//26%//P25976
 C-OVARC1001306//N-MYC PROTO-ONCOGENE PROTEIN.//0.00000073//247aa//27%//P18444
 C-OVARC1001342//40S RIBOSOMAL PROTEIN S8.//1.40E-110//207aa//99%//P09058
 55 C-OVARC1001372//Homo sapiens liprin-alpha4 mRNA, partial cds.//2.00E-252//1146bp//99%//AF034801
 C-OVARC1001381//Homo sapiens mRNA for candidate tumor suppressor involved in B-CLL.//6.00E-148//683bp//
 99%//AJ224819
 C-OVARC1001417//Homo sapiens thyroid hormone receptor-associated protein complex component TRAP170

mRNA, complete cds.//0//1715bp//99%//AF135802
 C-OVARC1001419//Homo sapiens GOK (STIM1) mRNA, complete cds.//4.90E-48//586bp//69%//U52426
 C-OVARC1001436//ENL PROTEIN.//0.00000009//81aa//39%//Q03111
 C-OVARC1001476//Mus musculus YGR163w mRNA homologue, complete cds.//1.80E-187//510bp//89%//
 5 AB017616
 C-OVARC1001496//Homo sapiens C-terminal binding protein 2 mRNA, complete cds.//0//1876bp//98%//
 AF016507
 C-OVARC1001506//POLYCYSTIN PRECURSOR (AUTOSOMAL DOMINANT POLYCYSTIC KIDNEY DISEASE
 PROTEIN 1).//0//777aa//91%//P98161
 10 C-OVARC1001555//NGG1-INTERACTING FACTOR 3.//4.40E-19//130aa//40%//P53081
 C-OVARC1001577//Homo sapiens SRp46 splicing factor transcribed retropseudogene.//0//1167bp//100%//
 AF031165
 C-OVARC1001610//Homo sapiens choline/ethanolaminephosphotransferase (CEPT1) mRNA, complete cds.//0//
 1870bp//99%//AF068302
 15 C-OVARC1001703//Mus musculus ARL-6 interacting protein-2 (Aip-2) mRNA, complete cds.//3.50E-16//399bp//
 61%//AF133670
 C-OVARC1001711//CORNIFIN B (SMALL PROLINE-RICH PROTEIN 1B) (SPR1B) (SPR1 B).//2.80E-10//106aa//
 38%//Q62267
 C-OVARC1001713//ENDOZEPINE-RELATED PROTEIN PRECURSOR (MEMBRANE-ASSOCIATED DI-
 20 AZEPAM BINDING INHIBITOR) (MA-DBI).//4.40E-40//195aa//41%//P07106
 C-OVARC1001726//APICAL-LIKE PROTEIN (APXL PROTEIN).//4.30E-16//116aa//43%//Q13796
 C-OVARC1001731//TROPOMYOSIN ALPHA CHAIN, FIBROBLAST ISOFORM F2.//4.00E-122//282aa//85%//
 P08942
 C-OVARC1001762//N-TERMINAL ACETYLTRANSFERASE 1 (EC 2.3.1.88) (AMINO-TERMINAL, ALPHA- AMI-
 25 NO, ACETYLTRANSFERASE 1).//6.40E-85//514aa//34%//P12945
 C-OVARC1001766//Homo sapiens eukaryotic translation initiation factor eIF3, p35 subunit mRNA, complete cds.//
 0//963bp//99%//U97670
 C-OVARC1001809//Mus musculus sphingosine kinase (SPHK1a) mRNA, partial cds.//2.70E-190//1624bp//76%//
 AF068748
 30 C-OVARC1001942//N-TERMINAL ACETYLTRANSFERASE 1 (EC 2.3.1.88) (AMINO-TERMINAL, ALPHA- AMI-
 NO, ACETYLTRANSFERASE 1).//3.10E-81//497aa//35%//P12945
 C-OVARC1001943//Mus musculus DEBT-91 mRNA, complete cds.//0//2035bp//87%//AF143859
 C-OVARC1001987//Homo sapiens prolactin regulatory element-binding protein (PREB) mRNA, complete cds.//
 0//1083bp//99%//AF203687
 35 C-OVARC1002050//Homo sapiens mRNA for actin binding protein ABP620, complete cds.//0//1019bp//99%//
 AB029290
 C-OVARC1002112//HISTONE MACRO-H2A.1.//3.00E-174//371aa//90%//Q02874
 C-OVARC1002127//SODIUM-INDEPENDENT ORGANIC ANION TRANSPORTER 2 (BRAIN DIGOXIN CARRI-
 ER PROTEIN) (BRAIN-SPECIFIC ORGANIC ANION TRANSPORTER) (OATP-B1).//5.40E-52//306aa//35%//
 40 Q35913
 C-OVARC100213 8//SAP1 PROTEIN.//7.60E-60//128aa//59%//P39955
 C-OVARC1002156//Danio rerio uridine kinase mRNA, complete cds.//6.00E-16//262bp//64%//AF195851
 C-OVARC1002165//3-OXO-5-ALPHA-STEROID 4-DEHYDROGENASE 2 (EC 1.3.99.5) (STEROID 5-ALPHA-
 REDUCTASE 2) (SR TYPE 2).//7.60E-08//114aa//37%//P31213
 45 C-OVARC1002182//BETA-TRCP (BETA-TRANSDUCIN REPEAT-CONTAINING PROTEIN) (BTRCP).//1.70E-
 09//207aa//30%//Q91854
 C-PLACE1000004//Homo sapiens IDN3-B mRNA, complete cds.//0//2365bp//99%//AB019602
 C-PLACE1000007//PROBABLE UBIQUITIN CARBOXYL-TERMINAL HYDROLASE R10E11.3 (EC 3.1.2.15)
 (UBIQUITIN THIOLESTERASE) (UBIQUITIN-SPECIFIC PROCESSING PROTEASE) (DEUBIQUITINATING EN-
 50 ZYME).//1.60E-81//212aa//70%//P34547
 C-PLACE1000040//TRANSFORMING PROTEIN P21/K-RAS 2B.//1.40E-17//185aa//32%//P08643
 C-PLACE1000061//Human ribosomal protein L37a mRNA sequence.//7.90E-54//190bp//94%//L22154
 C-PLACE1000066//SSU72 PROTEIN.//1.10E-39//206aa//43%//P53538
 C-PLACE1000081//Human SEC7 homolog Tic (TIC) mRNA, complete cds.//0//2077bp//99%//U63127
 55 C-PLACE1000133//TRANSCRIPTION FACTOR BTF3 (RNA POLYMERASE B TRANSCRIPTION FACTOR 3).//
 1.80E-62//158aa//81%//P20290
 C-PLACE1000142//3-HYDROXYBUTYRYL-COA DEHYDRATASE (EC 4.2.1.55) (CROTONASE).//2.80E-29//
 134aa//43%//P52046

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C-PLACE1000184//Homo sapiens estrogen-related receptor gamma mRNA, complete cds.//1.30E-305//1417bp//98%//AF058291
 C-PLACE1000185//Homo sapiens mRNA for N-Acetylglucosamine kinase.//4.90E-258//1183bp//99%//AJ242910
 C-PLACE1000213//GLUCOAMYLASE S1/S2 PRECURSOR (EC 3.2.1.3) (GLUCAN 1,4-ALPHA-GLUCOSIDASE) (1,4-ALPHA-D-GLUCAN GLUCOHYDROLASE).//4.50E-05//197aa//26%//P08640
 5 C-PLACE1000383//Homo sapiens mRNA for MTMR1 protein.//0//753bp//99%//AJ224979
 C-PLACE1000401//POLIOVIRUS RECEPTOR PRECURSOR (CD155 ANTIGEN).//2.70E-30//352aa//31%//P15151
 C-PLACE1000406//PTB-ASSOCIATED SPLICING FACTOR (PSF).//1.20E-132//334aa//72%//P23246
 10 C-PLACE1000420//7,8-DIHYDRO-8-OXOGUANINE TRIPHOSPHATASE (EC 3.1.6.-) (8-OXO-DGTPASE).//2.80E-06//134aa//29%//P53368
 C-PLACE1000492//Rat vacuolar protein sorting homolog r-vps33b mRNA, complete cds.//0//2041bp//87%//U35245
 C-PLACE1000547//Homo sapiens GDP-mannose pyrophosphorylase B (GMPPB) mRNA, complete cds.//3.70E-241//1124bp//98%//AF135421
 15 C-PLACE1000583//ZINC FINGER PROTEIN 83 (ZINC FINGER PROTEIN HPF1).//1.60E-47//207aa//46%//P51522
 C-PLACE1000588//INTERFERON-INDUCED GUANYLATE-BINDING PROTEIN 1 (GUANINE NUCLEOTIDE-BINDING PROTEIN 1).//1.60E-270//437aa//86%//P32455
 20 C-PLACE1000596//Homo sapiens mRNA for NS1-binding protein (NS1-BP).//0//1540bp//99%//AJ012449
 C-PLACE1000610//MSN5 PROTEIN.//0.0000026//136aa//26%//P52918
 C-PLACE1000611//Rattus norvegicus neural membrane protein 35 mRNA, complete cds.//2.00E-55//779bp//67%//AF044201
 C-PLACE1000636//MALE STERILITY PROTEIN 2.//1.20E-39//261aa//27%//Q08891
 25 C-PLACE1000653//Homo sapiens N-acetylglucosamine-phosphate mutase mRNA, complete cds.//0//1992bp//99%//AF180371
 C-PLACE1000656//Homo sapiens mRNA for JM4 protein, complete CDS (clone IMAGE 546750 and LLNLC110F1857Q7 (RZPD Berlin)).//2.10E-277//1260bp//99%//AJ005896
 C-PLACE1000706//Homo sapiens transcriptional intermediary factor 1 gamma mRNA, complete cds.//0//1366bp//99%//AF119043
 30 C-PLACE1000755//Homo sapiens mRNA for Helicase-MOI, complete cds.//4.60E-250//1189bp//97%//AB028449
 C-PLACE1000769//Homo sapiens CGI-18 protein mRNA, complete cds.//0//1985bp//98%//AF132952
 C-PLACE1000786//PUTATIVE RHO/RAC GUANINE NUCLEOTIDE EXCHANGE FACTOR (RHO/RAC GEF) (FACIOGENITAL DYSPLASIA PROTEIN HOMOLOG).//7.10E-09//59aa//47%//P52734
 35 C-PLACE1000793//NEUROGENIC PROTEIN BIG BRAIN.//1.70E-07//251aa//24%//P23645
 C-PLACE1000863//PUTATIVE MITOCHONDRIAL 40S RIBOSOMAL PROTEIN YHR148W.//2.50E-49//181aa//54%//P32899
 C-PLACE1000909//ANKYRIN REPEAT-CONTAINING PROTEIN AKR1.//2.60E-19//404aa//26%//P39010
 C-PLACE1000977//BETA-CHIMAERIN (BETA-CHIMERIN).//4.40E-22//129aa//35%//Q03070
 40 C-PLACE1000979//ZINC FINGER PROTEIN 135.//2.50E-153//326aa//64%//P52742
 C-PLACE1000987//Rattus norvegicus late gestation lung 2 protein (Lgl2) mRNA, complete cds.//5.90E-278//1476bp//92%//AF110195
 C-PLACE1001036//Homo sapiens mRNA for alpha integrin binding protein 63, partial.//0//1988bp//99%//AJ131721
 C-PLACE1001054//Homo sapiens mRNA for RuvB-like DNA helicase TIP49b, complete cds.//4.00E-300//1355bp//100%//AB024301
 45 C-PLACE1001062//Homo sapiens mRNA for lysine-ketoglutarate reductase/saccharopine dehydrogenase, partial CDS.//1.60E-207//742bp//99%//AJ007714
 C-PLACE1001092//Homo sapiens sorting nexin 4 mRNA, complete cds.//0//1500bp//99%//AF065485
 C-PLACE1001104//MYOSIN HEAVY CHAIN, NON-MUSCLE (ZIPPER PROTEIN) (MYOSIN II).//6.80E-18//529aa//23%//Q99323
 50 C-PLACE1001118//ZINC FINGER PROTEIN 135.//5.40E-147//443aa//57%//P52742
 C-PLACE1001171//MYOTUBULARIN.//7.10E-84//198aa//73%//Q13496
 C-PLACE1001238//Mouse mRNA for RNA polymerase I associated factor (PAF53), complete cds.//2.00E-202//1333bp//80%//D14336
 55 C-PLACE1001257//RING CANAL PROTEIN (KELCH PROTEIN).//4.30E-54//257aa//46%//Q04652
 C-PLACE1001294//Mus musculus XY body protein (Xybp) mRNA, complete cds.//6.20E-223//1092bp//78%//AF120207
 C-PLACE1001304//Homo sapiens C2H2 (Kruppel-type) zinc finger protein mRNA, complete cds.//0//2145bp//

99%//AF159567
 C-PLACE1001377//Homo sapiens ADAM10 (ADAM10) mRNA, complete cds.//5.90E-228//827bp//99%//AF009615
 C-PLACE1001383//ZINC-FINGER PROTEIN UBI-D4 (APOPTOSIS RESPONSE ZINC FINGER PROTEIN REQUIREMENT).//3.00E-33//138aa//42%//Q61103
 5 C-PLACE1001387//EPIDERMAL GROWTH FACTOR RECEPTOR KINASE SUBSTRATE EPS8.//2.30E-61//132aa//46%//Q12929
 C-PLACE1001517//Homo sapiens gene for glycosylphosphatidylinositol anchor attachment 1 (GPAA1), complete cds.//4.60E-112//392bp//87%//AB002137
 10 C-PLACE1001602//CCR4-ASSOCIATED FACTOR 1 (CAF1).//5.70E-130//244aa//99%//Q60809
 C-PLACE1001632//ZINC FINGER PROTEIN 84 (ZINC FINGER PROTEIN HPF2).//1.40E-118//429aa//48%//P51523
 C-PLACE1001672//PROBABLE AMINOTRANSFERASE T01B11.2 (EC 2.6.1.-).//4.30E-66//174aa//45%//P91408
 C-PLACE1001692//S-ACYL FATTY ACID SYNTHASE THIOESTERASE, MEDIUM CHAIN (EC 3.1.2.14) (THIOESTERASE II).//4.00E-81//263aa//56%//P08635
 15 C-PLACE1001739//PUTATIVE ATP-DEPENDENT RNA HEUCASE PL10.//3.50E-75//439aa//41%//P16381
 C-PLACE1001748//Homo sapiens metalloprotease 1 (MP1) mRNA, complete cds.//0//2602bp//99%//AF061243
 C-PLACE1001771//Homo sapiens mRNA for transient receptor potential protein TRP6.//0//2900bp//99%//AJ006276
 20 C-PLACE1001781//PROBABLE PHOSPHOMANNOMUTASE (EC 5.4.2.8) (PMM).//5.40E-63//427aa//35%//Q57290
 C-PLACE1001817//Homo sapiens ATP-specific succinyl-CoA synthetase beta subunit (SCS) mRNA, partial cds.//0//1995bp//99%//AF058953
 C-PLACE1001845//Mus musculus cyclin ania-6a mRNA, complete cds.//3.30E-31//925bp//62%//AF159159
 25 C-PLACE1001869//L-RIBULOKINASE (EC 2.7.1.16).//2.00E-27//270aa//31%//P94524
 C-PLACE1001920//Homo sapiens MDC-3.13 isoform 2 mRNA, complete cds.//0//1729bp//99%//AF099935
 C-PLACE1001983//HYPOTHETICAL 46.4 KD PROTEIN IN FFH-GRPE INTERGENIC REGION.//7.50E-16//319aa//26%//P37908
 C-PLACE1001989//PUTATIVE AMIDASE (EC 3.5.1.4).//1.40E-78//496aa//37%//Q49091
 30 C-PLACE1002046//UGATIN (FRAGMENT).//1.70E-240//560aa//80%//Q61211
 C-PLACE1002073//ADENYLATE CYCLASE (EC 4.6.1.1) (ATP PYROPHOSPHATE-LYASE) (ADENYLYL CYCLASE).//5.30E-07//188aa//29%//P49606
 C-PLACE1002090//SIGNAL RECOGNITION PARTICLE 72 KD PROTEIN (SRP72).//6.50E-58//112aa//100%//O76094
 35 C-PLACE1002140//Rattus norvegicus apelin mRNA, complete cds.//1.40E-43//425bp//74%//AF179679
 C-PLACE1002171//TRANSCRIPTION REGULATORY PROTEIN SWI3 (SWI/SNF COMPLEX COMPONENT SWI3) (TRANSCRIPTION FACTOR TYE2).//0.00005//179aa//23%//P32591
 C-PLACE1002395//Mus musculus mRNA for UBE-1c1, UBE-1c2, UBE-1c3, complete cds.//7.90E-100//966bp//75%//AB030505
 40 C-PLACE1002433//CHROMOSOME ASSEMBLY PROTEIN XCAP-E.//5.10E-05//278aa//24%//P50533
 C-PLACE1002437//ATP-BINDING CASSETTE TRANSPORTER 1.//4.50E-76//180aa//83%//P41233
 C-PLACE1002438//ZINC FINGER PROTEIN 151 (MIZ-1 PROTEIN).//4.20E-06//133aa//29%//Q13105
 C-PLACE1002450//Human zinc finger protein mRNA, complete cds.//0//2565bp//99%//U69274
 C-PLACE1002474//Mus musculus matrilin-2 precursor mRNA, complete cds.//0//2092bp//84%//U69262
 45 C-PLACE1002493//Homo sapiens signal transducing adaptor molecule 2A (STAM2) mRNA, complete cds.//1.70E-113//545bp//98%//AF042273
 C-PLACE1002500//Rattus norvegicus zinc transporter (ZnT-2) mRNA, complete cds.//2.90E-58//465bp//80%//U50927
 C-PLACE1002532//HOMEODOMAIN PROTEIN DLX-5.//1.20E-152//289aa//96%//P70396
 50 C-PLACE1002571//ACTIN-LIKE PROTEIN 13E.//5.00E-99//386aa//48%//P45890
 C-PLACE1002583//GLUTAMATE RECEPTOR, IONOTROPIC KAINATE 2 PRECURSOR (GLUTAMATE RECEPTOR 6) (GLUR-6) (GLUTAMATE RECEPTOR BETA-2) (GLUR BETA-2) (FRAGMENT).//5.60E-34//76aa//98%//P39087
 C-PLACE1002591//CORONIN-UKE PROTEIN P57.//4.40E-70//208aa//66%//P31146
 55 C-PLACE1002598//OLIGORIBONUCLEASE (EC 3.1.-.-).//5.50E-17//76aa//56%//P45340
 C-PLACE1002655//ADSEVERIN (SCINDERIN) (SC).//2.50E-278//543aa//92%//Q28046
 C-PLACE1002665//Mus musculus enhancer of polycomb (Epc1) mRNA, complete cds.//0//2462bp//89%//AF079765

- C-PLACE1002685//Homo sapiens B cell linker protein BLNK mRNA, alternatively spliced, complete cds.//0//1750bp//99%//AF068180
- C-PLACE1002714//MYOSIN HEAVY CHAIN, NON-MUSCLE (ZIPPER PROTEIN) (MYOSIN II).//9.40E-13//500aa//21%//Q99323
- 5 C-PLACE1002722//PROBABLE G PROTEIN-COUPLED RECEPTOR KIAA0001.//9.00E-45//305aa//33%//Q15391
- C-PLACE1002775//PEREGRIN (BR140 PROTEIN).//3.80E-13//272aa//28%//P55201
- C-PLACE1002782//Rattus norvegicus zinc transporter (ZnT-2) mRNA, complete cds.//3.80E-43//385bp//77%//U50927
- 10 C-PLACE1002816//HISTONE DEACETYLASE HDA1.//2.20E-48//217aa//46%//P53973
- C-PLACE1002834//ZINC FINGER PROTEIN 83 (ZINC FINGER PROTEIN HPF1).//5.50E-203//396aa//86%//P51522
- C-PLACE1002908//Homo sapiens XGalT-1 mRNA for galactosyltransferase I, complete cds.//0//1654bp//99%//AB028600
- 15 C-PLACE1002991//PUTATIVE AMIDASE (EC 3.5.1.4).//1.40E-78//496aa//37%//Q49091
- C-PLACE1003030//Homo sapiens snRNA activating protein complex 190kD subunit (SNAP190) mRNA, complete cds.//8.50E-44//225bp//100%//AF032387
- C-PLACE1003045//POLYCYSTIN 2 (AUTOSOMAL DOMINANT POLYCYSTIC KIDNEY DISEASE TYPE II PROTEIN) (POLYCYSTWIN) (R48321).//1.70E-05//150aa//24%//Q13563
- 20 C-PLACE1003100//HEP27 PROTEIN (PROTEIN D).//2.60E-79//253aa//60%//Q13268
- C-PLACE1003174//UBIQUITIN-CONJUGATING ENZYME E2-18 KD (EC 6.3.2.19) (UBIQUITIN- PROTEIN LIGASE) (UBIQUITIN CARRIER PROTEIN) (PM42).//3.80E-37//143aa//51%//P42743
- C-PLACE1003176//Homo sapiens clone pHN1868 tyrosyl-DNA phosphodiesterase protein (TDP1) mRNA, partial cds.//1.70E-148//687bp//99%//AF182003
- 25 C-PLACE1003190//SOF1 PROTEIN.//1.90E-110//325aa//48%//P33750
- C-PLACE1003238//PROBABLE G PROTEIN-COUPLED RECEPTOR KIAA0001.//4.90E-76//309aa//47%//Q15391
- C-PLACE1003258//EARLY EMBRYOGENESIS ZYG-11 PROTEIN.//7.90E-22//70aa//47%//P21541
- 30 C-PLACE1003302//ZINC FINGER PROTEIN 83 (ZINC FINGER PROTEIN HPF1).//6.90E-206//396aa//86%//P51522
- C-PLACE10033537//Homo sapiens breast cancer antiestrogen resistance 3 protein (BCAR3) mRNA, complete cds.//0//2435bp//99%//U92715
- C-PLACE1003366//Homo sapiens otoferlin (OTOF) mRNA, complete cds.//1.40E-78//542bp//67%//AF107403
- 35 C-PLACE1003394//Homo sapiens RAB14 protein (RAB14) mRNA, complete cds.//2.60E-139//648bp//99%//AF152463
- C-PLACE1003420//PUTATIVE MITOCHONDRIAL CARRIER YIL006W.//1.30E-40//278aa//36%//P40556
- C-PLACE1003493//ENDOTHELIAL CELL MULTIMERIN PRECURSOR.//1.70E-23//322aa//26%//Q13201
- C-PLACE1003519//H. sapiens hnRNP-E2 mRNA.//5.10E-218//905bp//99%//X78136
- 40 C-PLACE1003521//HYPOTHETICAL HELICASE C28H8.3 IN CHROMOSOME III.//0.0000011//101aa//32%//Q09475
- C-PLACE1003537//ENDOSOMAL P24A PROTEIN PRECURSOR (70 KD ENDOMEMBRANE PROTEIN) (PHEROMONE ALPHA-FACTOR TRANSPORTER) (ACIDIC 24 KD LATE ENDOCYTIC INTERMEDIATE COMPONENT).//7.70E-68//404aa//33%//P32802
- 45 C-PLACE1003596//OLIGOSACCHARYL TRANSFERASE STT3 SUBUNIT HOMOLOG.//2.60E-93//270aa//66%//P46975
- C-PLACE1003602//Homo sapiens mRNA expressed in placenta.//5.90E-278//1275bp//99%//D83200
- C-PLACE1003605//HAP5 TRANSCRIPTIONAL ACTIVATOR.//0.00000023//82aa//35%//Q02516
- C-PLACE1003611//Homo sapiens anaphase-promoting complex subunit 4 (APC4) mRNA, complete cds.//6.20E-169//683bp//99%//AF191338
- 50 C-PLACE1003625//ARMADILLO SEGMENT POLARITY PROTEIN.//3.20E-10//380aa//25%//P18824
- C-PLACE1003669//TRICHOHYALIN.//5.60E-09//219aa//30%//P22793
- C-PLACE1003704//SPLICING FACTOR, ARGININE/SERINE-RICH 4 (PRE-MRNA SPLICING FACTOR SRP75).//8.00E-19//209aa//34%//Q08170
- 55 C-PLACE1003709//Homo sapiens mitotic checkpoint kinase Bub1 (BUB1) mRNA complete cds.//6.20E-282//1316bp//98%//AF053305
- C-PLACE1003738//ZINC FINGER PROTEIN 135.//9.60E-118//350aa//46%//P52742
- C-PLACE1003760//Homo sapiens tetraspanin TM4-A mRNA, complete cds.//5.20E-289//1313bp//97%//AF133423

C-PLACE1003885//POLY(A) POLYMERASE (EC 2.7.7.19) (PAP) (POLYNUCLEOTIDE ADENYLYLTRANSFERASE).//3.70E-222//651aa//66%/P25500
 C-PLACE1003888//1-PHOSPHATIDYLINOSITOL-4,5-BISPHOSPHATE PHOSPHODIESTERASE DELTA 1 (EC 3.1.4.11) (PLC-DELTA-1) (PHOSPHOLIPASE C-DELTA-1) (PLC-III) (FRAGMENT).//6.70E-113//501aa//46%/P10895
 5 C-PLACE1003903//CTP SYNTHASE (EC 6.3.4.2) (UTP--AMMONIA LIGASE) (CTP SYNTHETASE).//1.40E-243//584aa//74%/P17812
 C-PLACE1003915//PROBABLE ARGINYLYL-TRNA SYNTHETASE, CYTOPLASMIC (EC 6.1.1.19) (ARGININE-TRNA UGASE) (ARGRS).//2.40E-108//581aa//40%/Q05506
 10 C-PLACE1003923//Homo sapiens p53 regulated PA26-T2 nuclear protein (PA26) mRNA, complete cds.//0//1670bp//99%/AF033120
 C-PLACE1003968//5'-AMP-ACTIVATED PROTEIN KINASE, GAMMA-1 SUBUNIT (AMPK GAMMA-1 CHAIN).//2.40E-124//326aa//73%/P80385
 C-PLACE1004104//Rattus norvegicus rsec5 mRNA, complete cds.//0//2384bp//86%/AF032666
 15 C-PLACE1004128//GUANINE NUCLEOTIDE-BINDING PROTEIN BETA SUBUNIT 4 (TRANSDUCIN BETA CHAIN 4).//6.10E-181//340aa//96%/P29387
 C-PLACE1004149//Rattus norvegicus GERp95 mRNA, complete cds.//3.30E-41//452bp//65%/AF195534
 C-PLACE1004183//Homo sapiens for TOM1-like protein.//0//1279bp//97%/AJ010071
 C-PLACE1004197//BUTYROPHILIN PRECURSOR (BT).//4.50E-10//208aa//27%/Q62556
 20 C-PLACE1004203//Homo sapiens GPI-anchored membrane protein CDw108 precursor, mRNA, complete cds.//0//1882bp//99%/AF069493
 C-PLACE1004256//Mus musculus short coiled coil protein SCOCO (Scoc) mRNA, complete cds.//2.00E-93//960bp//76%/AF115778
 C-PLACE1004258//Homo sapiens vanilloid receptor-like protein 1 (VRL-1) mRNA.//0//1144bp//98%/AF129112
 25 C-PLACE1004270//TRANSMEMBRANE PROTEASE, SERINE 2 (EC 3.4.21.-).//9.70E-36//389aa//31%/O15393
 C-PLACE1004277//Homo sapiens two pore domain K⁺ channel (TASK-2) mRNA, complete cds.//0//1498bp//99%/AF084830
 C-PLACE1004302//SOF1 PROTEIN.//1.90E-110//325aa//48%/P33750
 C-PLACE1004316//H.sapiens mRNA for apoptosis specific protein.//0//1767bp//99%/Y11588
 30 C-PLACE1004358//Homo sapiens connector enhancer of KSR-like protein CNK1 mRNA, complete cds.//0//2512bp//99%/AF100153
 C-PLACE1004428//PRISTANOYL-COA OXIDASE (EC 1.3.3.-).//1.20E-39//385aa//33%/Q63448
 C-PLACE1004437//Human NAD⁺-specific isocitrate dehydrogenase beta subunit precursor, mRNA, nuclear gene encoding mitochondrial protein, complete cds.//0//985bp//99%/U49283
 35 C-PLACE1004460//MATERNAL TUDOR PROTEIN.//0.0000002//218aa//23%/P25823
 C-PLACE1004471//ZINC FINGER PROTEIN 83 (ZINC FINGER PROTEIN HPF1).//7.90E-56//276aa//41%/P51522
 C-PLACE1004506//Homo sapiens carboxyl terminal LIM domain protein (CLIM1) mRNA, complete cds.//2.10E-16//402bp//62%/U90878
 40 C-PLACE1004510//Homo sapiens TATA binding protein associated factor (TAFII150) mRNA, complete cds.//3.40E-227//1037bp//99%/AF040701
 C-PLACE1004550//Homo sapiens CGI-20 protein mRNA, complete cds.//3.50E-274//1305bp//97%/AF132954
 C-PLACE1004564//CLEAVAGE AND POLYADENYLATION SPECIFICITY FACTOR, 100 KD SUBUNIT (CPSF 100 KD SUBUNIT).//0//525aa//99%/Q10568
 45 C-PLACE1004629//PROTEIN OS-9 PRECURSOR.//7.70E-18//264aa//32%/Q13438
 C-PLACE1004646//B.taurus mRNA for retinal pigment epithelial membrane receptor p63.//4.40E-42//985bp//59%/X66277
 C-PLACE1004674//Homo sapiens calcium binding protein (ALG-2) mRNA, complete cds.//1.30E-195//982bp//96%/AF035606
 50 C-PLACE1004743//PROBABLE N-END-RECOGNIZING PROTEIN (UBIQUITIN-PROTEIN LIGASE E3 COMPONENT) (N- RECOGNIN).//4.40E-35//578aa//27%/O60152
 C-PLACE1004751//Homo sapiens mRNA for alpha2,3-sialyltransferase ST3Gal VI, complete cds.//7.10E-224//790bp//98%/AB022918
 C-PLACE1004777//N-CHIMAERIN (NC) (N-CHIMERIN) (ALPHA CHIMERIN) (A-CHIMAERIN).//1.90E-32//259aa//32%/P30337
 55 C-PLACE1004793//RETROVIRUS-RELATED ENV POLYPROTEIN.//5.20E-47//577aa//25%/P10267
 C-PLACE1004804//ADENYLATE CYCLASE (EC 4.6.1.1) (ATP PYROPHOSPHATE-LYASE) (ADENYLYL CYCLASE).//4.70E-65//695aa//29%/Q01631

C-PLACE1004814//SPLICING FACTOR, ARGININE/SERINE-RICH 4 (PRE-MRNA SPLICING FACTOR SRP75)//5.90E-19//196aa//36%/Q08170
 C-PLACE1004868//MALE STERILITY PROTEIN 27//3.90E-39//261aa//27%/Q08891
 C-PLACE1004902//PUTATIVE PRE-MRNA SPLICING FACTOR ATP-DEPENDENT RNA HELICASE
 5 SPAC10F6.02C//9.30E-11//94aa//47%/O42643
 C-PLACE1004918//L-LACTATE DEHYDROGENASE M CHAIN (EC 1.1.1.27) (LDH-A)//4.90E-48//198aa//44%/P06151
 C-PLACE1004930//Homo sapiens MDC-3.13 isoform 2 mRNA, complete cds//0//1853bp//98%/AF099936
 C-PLACE1004937//SEL-10 PROTEIN//6.30E-125//357aa//58%/Q93794
 10 C-PLACE1004969//HYPOTHETICAL 55.1 KD PROTEIN B0416.5 IN CHROMOSOME X//2.00E-14//205aa//26%/Q11073
 C-PLACE1005052//Homo sapiens CGI-16 protein mRNA, complete cds//6.6e-313//1413bp//99%/AF132950
 C-PLACE1005102//RING CANAL PROTEIN (KELCH PROTEIN)//2.60E-56//565aa//30%/Q04652
 C-PLACE1005176//Homo sapiens hypothalamus protein HT001 mRNA, complete cds//3.90E-212//1040bp//96%/AF113539
 15 C-PLACE1005187//APAG PROTEIN//3.80E-13//122aa//36%/P05636
 C-PLACE1005243//SERINE/THREONINE PROTEIN KINASE PKPA (EC 2.7.1.-)//1.30E-27//349aa//32%/Q01577
 C-PLACE1005287//INNER CENTROMERE PROTEIN (INCENP)//2.30E-13//269aa//28%/P53352
 20 C-PLACE1005305//GTP:AMP PHOSPHOTRANSFERASE MITOCHONDRIAL (EC 2.7.4.10) (AK3)//2.00E-111//226aa//92%/P08760
 C-PLACE1005331//Homo sapiens 7h3 protein mRNA, partial cds//1.20E-226//748bp//95%/AF209931
 C-PLACE1005373//TRNA PSEUDOURIDINE SYNTHASE B (EC 4.2.1.70) (TRNA PSEUDOURIDINE 55 SYNTHASE) (PSI55 SYNTHASE) (PSEUDOURIDYLATE SYNTHASE) (URACIL HYDROLYASE)//8.60E-09//194aa//27%/O33335
 25 C-PLACE1005467//PENICILLIN-BINDING PROTEIN 4* (PBP 4*) (PBP 4A)//1.10E-09//93aa//31%/P32959
 C-PLACE1005494//Homo sapiens mRNA for transient receptor potential protein TRP6//0//1649bp//99%/AJ006276
 C-PLACE1005530//HYPOTHETICAL 47.6 KD PROTEIN C16C10.5 IN CHROMOSOME III//5.60E-52//173aa//57%/Q09251
 30 C-PLACE1005549//Homo sapiens mRNA for Rho guanine nucleotide-exchange factor, splice variant NET1A//7.60E-97//1287bp//67%/AJ010046
 C-PLACE1005557//60S RIBOSOMAL PROTEIN L27//1.90E-11//60aa//48%/P46288
 C-PLACE1005584//TRANS-ACTING TRANSCRIPTIONAL PROTEIN ICPQ (P135 PROTEIN) (IER 2.9/ER2.6)//6.80E-09//267aa//30%/P29128
 35 C-PLACE1005611//Mus musculus mRNA for mDj10, complete cds//2.00E-33//379bp//66%/AB028860
 C-PLACE1005646//Homo sapiens RNA helicase-related protein mRNA, complete cds//0//2130bp//99%/AF083255
 C-PLACE1005656//RIBONUCLEOSIDE-DIPHOSPHATE REDUCTASE M2 CHAIN (EC 1.17.4.1) (RIBONUCLEOTIDE REDUCTASE)//2.10E-148//321aa//83%/P31350
 40 C-PLACE10057277//Homo sapiens STRIN protein (STRIN) mRNA, complete cds//2.00E-118//378bp//98%/AF162680
 C-PLACE1005739//INTERFERON-GAMMA INDUCIBLE PROTEIN MG11//1.30E-237//585aa//72%/Q60710
 C-PLACE1005763//S-ACYL FATTY ACID SYNTHASE THIOESTERASE, MEDIUM CHAIN (EC 3.1.2.14) (THIOESTERASE II)//2.50E-79//209aa//53%/P08635
 45 C-PLACE1005803//Homo sapiens mRNA for transcription factor (SMIF gene)//0//1985bp//99%/AJ275986
 C-PLACE1005804//Homo sapiens alpha 1,2-mannosidase IB mRNA, complete cds//1.10E-217//994bp//99%/AF027156
 C-PLACE1005813//Homo sapiens sorting nexin 2 (SNX2) mRNA, complete cds//0//2040bp//99%/AF065482
 50 C-PLACE1005876//CLEAVAGE AND POLYADENYLATION SPECIFICITY FACTOR, 100 KD SUBUNIT (CPSF 100 KD SUBUNIT)//0//730aa//99%/Q10568
 C-PLACE1005890//BEM46 PROTEIN (FRAGMENT)//9.90E-42//224aa//43%/P54069
 C-PLACE1005921//AIG1 PROTEIN//3.00E-31//284aa//31%/P54120
 C-PLACE1005951//Homo sapiens prolactin regulatory element-binding protein (PREB) mRNA, complete cds//1.10E-264//661bp//99%/AF203687
 55 C-PLACE1005953//GLYCOSYLTRANSFERASE ALG2 (EC 2.4.1.-)//6.70E-30//198aa//37%/P43636
 C-PLACE1005955//VACUOLAR AMINOPEPTIDASE I PRECURSOR (EC 3.4.11.22) (POLYPEPTIDASE)//5.40E-54//455aa//32%/P14904

C-PLACE1005966//TRANSCRIPTION INITIATION FACTOR TFIID 90 KD SUBUNIT (TAFII-90)/7/1.40E-07//
 254aa//25%/P38129
 C-PLACE1006003//Homo sapiens CGI-94 protein mRNA, complete cds./2.40E-177//829bp//99%/AF151852
 C-PLACE1006011//Homo sapiens mRNA for poly(ADP-ribose) polymerase-2./0//1564bp//99%/AJ236876
 5 C-PLACE1006040//Homo sapiens mRNA for alpha endosulfine./4.70E-161//744bp//99%/X99906
 C-PLACE1006119//Homo sapiens Ran-GTP binding protein mRNA, partial cds./1.50E-148//681bp//99%/AF039023
 C-PLACE1006157//E-SELECTIN PRECURSOR (ENDOTHELIAL LEUKOCYTE ADHESION MOLECULE 1)
 (ELAM-1) (LEUKOCYTE-ENDOTHELIAL CELL ADHESION MOLECULE 2) (LECAM2) (CD62E)/2.00E-28//
 10 236aa//30%/P98110
 C-PLACE1006167//PAF1 PROTEIN./7.30E-15//437aa//24%/P38351
 C-PLACE1006170//ALPHA-ADAPTIN C (CLATHRIN ASSEMBLY PROTEIN COMPLEX 2 ALPHA-C LARGE
 CHAIN) (100 KD COATED VESICLE PROTEIN C) (PLASMA MEMBRANE ADAPTOR HA2/AP2 ADAPTIN ALPHA
 C SUBUNIT)/1.70E-169//373aa//88%/P17427
 15 C-PLACE1006196//PUTATIVE ATP-DEPENDENT RNA HELICASE C12C2.06./2.70E-116//496aa//48%/Q09747
 C-PLACE1006239//BONE PROTEOGLYCAN II PRECURSOR (PG-S2) (DECORIN)/2.00E-16//244aa//31%/P28675
 C-PLACE1006288//VOLTAGE-DEPENDENT ANION-SELECTIVE CHANNEL PROTEIN 1 (VDAC1) (PLASMA-
 LEMMAL PORIN) (OUTER MITOCHONDRIAL MEMBRANE PROTEIN PORIN) (PORIN 31HL) (PORIN 31HM)/4.60E-117//147aa//80%/P21796
 20 C-PLACE1006318//Mus musculus skm-BOP2 (Bop) mRNA, complete cds./3.00E-07//376bp//59%/U76374
 C-PLACE1006335//Homo sapiens NY-REN-50 antigen mRNA, partial cds./0//1649bp//99%/AF155112
 C-PLACE1006368//HYALURONAN-MEDIATED MOTILITY RECEPTOR (HYALURONIC ACID RECEPTOR)/1.30E-18//460aa//24%/Q00547
 25 C-PLACE1006385//Homo sapiens epsin 2a mRNA, complete cds./0//1168bp//99%/AF062085
 C-PLACE1006438//ZINC FINGER PROTEIN 165./2.50E-45//122aa//43%/P49910
 C-PLACE1006469//ACETYL-COENZYME A SYNTHETASE (EC 6.2.1.1) (ACETATE--COA LIGASE) (ACYL- AC-
 TIVATING ENZYME)/1.20E-83//313aa//49%/P27550
 C-PLACE1006482//TRANSCRIPTION FACTOR MAFF./7.70E-55//142aa//85%/Q90595
 30 C-PLACE1006488//SIGNAL RECOGNITION PARTICLE 68 KD PROTEIN (SRP68)/1.10E-229//367aa//96%/Q00004
 C-PLACE1006492//Homo sapiens transmembrane protein 2 (TMEM2) mRNA, complete cds./0//2618bp//99%/AF137030
 C-PLACE1006506//Homo sapiens anaphase-promoting complex subunit 4 (APC4) mRNA, complete cds./0//
 35 2170bp//99%/AF191338
 C-PLACE1006531//Homo sapiens putative RNA-binding protein Q99 mRNA, complete cds./0//1967bp//99%/AF093097
 C-PLACE1006534//POLYPEPTIDE N-ACETYL GALACTOSAMINYLTRANSFERASE (EC 2.4.1.41)(PROTEIN-
 UDP ACETYL GALACTOSAMINYLTRANSFERASE)(UDP-GALNAC:POLYPEPTIDE, N-ACETYL GALACTOSAM-
 40 INYLTRANSFERASE) (GALNAC-T1)/8.30E-08//100aa//41%/Q10472
 C-PLACE1006552//MYOSIN HEAVY CHAIN, CLONE 203 (FRAGMENT)/1.20E-09//426aa//21%/P39922
 C-PLACE1006615//Homo sapiens eukaryotic translation initiation factor eIF3, p35 subunit mRNA, complete cds./0//1464bp//99%/U97670
 C-PLACE1006626//Homo sapiens mRNA for Helicase-MOI, complete cds./0//1760bp//99%/AB028449
 45 C-PLACE1006678//Homo sapiens mRNA for type II membrane protein, complete cds, clone:HP10328./5.80E-24//734bp//62%/AB015630
 C-PLACE1006731//RIBOFLAVIN KINASE (EC 2.7.1.26) (FLAVOKINASE) / FMN ADENYLYLTRANSFERASE (EC
 2.7.7.2) (FAD PYROPHOSPHORYLASE) (FAD SYNTHETASE)/6.90E-13//177aa//33%/Q59263
 C-PLACE1006754//BILIARY GLYCOPROTEIN 1 PRECURSOR (BGP-1) (ANTIGEN CD66) (CD66A ANTIGEN)/6.20E-63//191aa//43%/P13688
 50 C-PLACE1006819//UNE-1 REVERSE TRANSCRIPTASE HOMOLOG./9.80E-213//232aa//80%/P08547
 C-PLACE1006829//UBIQUITIN CARBOXYL-TERMINAL HYDROLASE 4 (EC 3.1.2.15) (UBIQUITIN THIOLESTE-
 RASE 4) (UBIQUITIN-SPECIFIC PROCESSING PROTEASE 4) (DEUBIQUITINATING ENZYME 4) (UBIQUI-
 TOUS NUCLEAR PROTEIN)/2.00E-15//188aa//29%/P35123
 55 C-PLACE1006878//TRNA-SPLICING ENDONUCLEASE SUBUNIT SEN2 (EC 3.1.27.9) (TRNA-INTRON ENDO-
 NUCLEASE)/1.90E-08//122aa//36%/P16658
 C-PLACE1006917//HSH49 PROTEIN./5.50E-12//97aa//35%/Q99181
 C-PLACE1006935//HYPOTHETICAL 95.2 KD PROTEIN R144.6 IN CHROMOSOME III./6.70E-48//278aa//41%/

Q10000
 C-PLACE1006956//ATP-DEPENDENT PERMEASE MDL1//1.30E-86//522aa//36%//P97998
 C-PLACE1006958//Homo sapiens mRNA for heat shock protein apg-1, complete cds.//0//1770bp//99%//
 AB023421
 5 C-PLACE1007014//36 KD NUCLEOLAR PROTEIN HNP36 (DELAYED-EARLY RESPONSE PROTEIN 12)
 (DER12).//3.20E-35//180aa//33%//Q14542
 C-PLACE1007105//Homo sapiens muskellin (MKLN1) mRNA, complete cds.//0//2449bp//98%//AF047489
 C-PLACE1007140//TRICHOHYALIN//1.30E-25//816aa//22%//P37709
 10 C-PLACE1007226//PROBABLE OXYGEN-INDEPENDENT COPROPORPHYRINOGEN III OXIDASE (EC 1.-.-.)
 (COPROPORPHYRINOGENASE) (COPROGEN OXIDASE).//1.00E-42//370aa//31%//P54304
 C-PLACE1007239//Homo sapiens mRNA for transcription elongation factor S-II, hS-II-T1, complete cds.//6.50E-
 216//1068bp//96%//D50495
 C-PLACE1007243//UNC-47 PROTEIN.//1.70E-07//211aa//27%//P34579
 C-PLACE1007257//Homo sapiens mRNA for dia-12c protein.//0//2052bp//99%//Y15908
 15 C-PLACE1007317//Drosophila melanogaster Adrift (adrift) mRNA, complete cds.//4.10E-17//1037bp//56%//
 AF117649
 C-PLACE1007346//Homo sapiens estrogen-responsive B box protein (EBBP) mRNA, complete cds.//0//2366bp//
 99%//AF096870
 C-PLACE1007375//PHORBOL ESTER/DIACYLGLYCEROL-BINDING PROTEIN UNC-13.//0.00000044//127aa//
 20 30%//P27715
 C-PLACE1007409//WHTTE PROTEIN.//1.10E-64//428aa//32%//Q17320
 C-PLACE1007416//DIPEPTIDYL PEPTIDASE IV (EC 3.4.14.5) (DPP IV) (T-CELL ACTIVATION ANTIGEN CD26)
 (TP103) (ADENOSINE DEAMINASE COMPLEXING PROTEIN-2) (ADABP).//8.80E-25//140aa//35%//P27487
 C-PLACE1007488//PUTATIVE RHO/RAC GUANINE NUCLEOTIDE EXCHANGE FACTOR (RHO/RAC GEF) (FA-
 25 CIOGENITAL DYSPLASIA PROTEIN HOMOLOG).//5.40E-53//426aa//33%//P52734
 C-PLACE1007511//KERATIN, TYPE I CYTOSKELETAL 19 (CYTOKERATIN 19) (K19) (CK 19).//1.40E-85//
 385aa//45%//P08728
 C-PLACE1007537//Homo sapiens ankyrin repeat-containing protein ASB-2 mRNA, complete cds.//8.9e-316//
 1485bp//98%//AF159164
 30 C-PLACE1007547//HYPOTHETICAL 97.1 KD PROTEIN R05D3.4 IN CHROMOSOME III.//1.00E-49//361aa//
 36%//P34537
 C-PLACE1007598//ZINC FINGER PROTEIN 184 (FRAGMENT).//1.60E-143//666aa//44%//Q99676
 C-PLACE1007632//POLIOVIRUS RECEPTOR PRECURSOR.//1.00E-07//228aa//31%//P32506
 C-PLACE1007649//GLUCOAMYLASE S1/S2 PRECURSOR (EC 3.2.1.3) (GLUCAN 1,4-ALPHA-GLUCOSI-
 35 DASE) (1,4-ALPHA-D-GLUCAN GLUCOHYDROLASE).//4.50E-05//197aa//26%//P08640
 C-PLACE1007688//LA PROTEIN HOMOLOG (LA RIBONUCLEOPROTEIN) (LA AUTOANTIGEN HOMOLOG).//
 8.70E-09//279aa//28%//Q26457
 C-PLACE1007697//GCN20 PROTEIN.//7.60E-119//717aa//38%//P43535
 C-PLACE1007705//Mus musculus mRNA for Ndr1 related protein Ndr3, complete cds.//1.10E-184//1096bp//82%//
 40 AB033922
 C-PLACE1007706//Homo sapiens metalloprotease 1 (MP1) mRNA, complete cds.//0//3431bp//99%//AF061243
 C-PLACE1007729//RETROVIRUS-RELATED PROTEASE (EC 3.4.23.-).//1.50E-44//231aa//42%//P10265
 C-PLACE1007791//Homo sapiens IDN3-B mRNA, complete cds.//0//1836bp//99%//AB019602
 C-PLACE1007897//Homo sapiens FLASH mRNA, complete cds.//0//2145bp//99%//AF154415
 45 C-PLACE1007946//MYOSIN HEAVY CHAIN, NON-MUSCLE (ZIPPER PROTEIN) (MYOSIN II).//2.60E-14//
 370aa//25%//Q99323
 C-PLACE1007954//HYPOTHETICAL 45.5 KD PROTEIN IN FIG1-GIP1 INTERGENIC REGION.//6.70E-13//
 168aa//31%//P38226
 C-PLACE1007955//Homo sapiens cyclin-D binding Myb-like protein mRNA, complete cds.//0//2252bp//99%//
 50 AF084530
 C-PLACE1007958//Homo sapiens cAMP-specific phosphodiesterase 8B (PDE8B) mRNA, partial cds.//0//2300bp//
 99%//AF079529
 C-PLACE1007969//HETEROGENEOUS NUCLEAR RIBONUCLEOPROTEIN M (HNRNP M).//1.10E-36//202aa//
 48%//P52272
 55 C-PLACE1008000//CHANNEL ASSOCIATED PROTEIN OF SYNAPSE-110 (CHAPSYN-110) (SYNAPTIC DEN-
 SITY PROTEIN PSD-93).//6.10E-14//128aa//39%//Q63622
 C-PLACE1008044//NUCLEAR PORE COMPLEX PROTEIN NUP107 (NUCLEOPORIN NUP107) (107 KD NU-
 CLEOPORIN) (P105).//4.6e-318//613aa//94%//P52590

C-PLACE1008080//Homo sapiens mRNA for HEXIM1 protein, complete cds.//0//2152bp//99%//AB021179
 C-PLACE1008111//PROBABLE OXIDOREDUCTASE (EC 1.-.-.-)//3.00E-25//208aa//37%//Q03326
 C-PLACE1008132//HYPOTHETICAL 127.4 KD PROTEIN F07F6.4 IN CHROMOSOME III.//1.30E-24//395aa//31%//Q09531
 5 C-PLACE1008177//TRICHOHYALIN.//2.30E-29//487aa//26%//P37709
 C-PLACE1008201//Rattus rattus zinc finger protein, complete cds.//0//2265bp//83%//L23077
 C-PLACE1008244//VEGETATIBLE INCOMPATIBILITY PROTEIN HET-E-1.//9.50E-21//148aa//38%//Q00808
 C-PLACE1008273//COATOMER GAMMA SUBUNIT (GAMMA-COAT PROTEIN) (GAMMA-COP).//1.30E-283//671aa//77%//P53620
 10 C-PLACE1008275//DNA REPAIR PROTEIN REV1 (EC 2.7.7.-).//2.30E-18//162aa//37%//P12689
 C-PLACE1008309//Rattus norvegicus putative four repeat ion channel mRNA, complete cds.//5.20E-137//672bp//77%//AF078779
 C-PLACE1008330//EOSINOPHIL LYSOPHOSPHOLIPASE (EC 3.1.1.5) (CHARCOT-LEYDEN CRYSTAL PROTEIN) (LYSOLECITHIN ACYLHYDROLASE) (CLC) (GALACTIN-10).//2.20E-23//94aa//47%//Q05315
 15 C-PLACE1008356//Homo sapiens meningioma-expressed antigen 5 (MEA5) mRNA, partial cds.//1.90E-170//780bp//100%//AF036144
 C-PLACE1008368//RING CANAL PROTEIN (KELCH PROTEIN).//5.30E-26//309aa//30%//Q04652
 C-PLACE1008398//GENE 33 POLYPEPTIDE.//7.30E-114//243aa//87%//P05432
 C-PLACE1008402//GENERAL VESICULAR TRANSPORT FACTOR P115 (TRAN-SCYTOSIS ASSOCIATED PROTEIN) (TAP).//0//698aa//95%//P41541
 20 C-PLACE1008426//RESTIN (CYTOPLASMIC LINKER PROTEIN-170) (CLIP-170).//1.80E-11//365aa//25%//O42184
 C-PLACE1008429//ANKYRIN HOMOLOG PRECURSOR.//3.10E-11//189aa//32%//Q06527
 C-PLACE1008465//Homo sapiens mRNA for rapa-1 (rapa gene).//6.60E-243//1102bp//99%//AJ277275
 25 C-PLACE1008533//101 KD MALARIA ANTIGEN (P101) (ACIDIC BASIC REPEAT ANTIGEN).//1.10E-09//62aa//48%//P22620
 C-PLACE1008603//NUCLEAR PORE COMPLEX PROTEIN NUP155 (NUCLEOPORIN NUP155) (155 KD NUCLEOPORIN) (P140).//7.80E-236//453aa//96%//P37199
 C-PLACE1008627//Homo sapiens mRNA for cysteine-rich protein.//0//1850bp//99%//AJ006591
 30 C-PLACE1008643//INTER-ALPHA-TRYPSIN INHIBITOR HEAVY CHAIN H2 PRECURSOR (III HEAVY CHAIN H2).//5.20E-90//483aa//38%//O02668
 C-PLACE1008650//PRL1/PRL2-LIKE PROTEIN.//2.00E-127//354aa//62%//O13615
 C-PLACE1008696//Homo sapiens NADH dehydrogenase-ubiquinone Fe-S protein 8 23 kDa subunit (NDUFS8) gene, nuclear gene encoding mitochondrial protein, complete cds.//0//3002bp//99%//AF03 8406
 35 C-PLACE1008790//Homo sapiens importin alpha 7 subunit mRNA, complete cds.//0//1670bp//99%//AF060543
 C-PLACE1008808//Homo sapiens mRNA for cell cycle checkpoint protein rad1A.//2.30E-269//1225bp//99%//AJ004974
 C-PLACE1008813//Rattus norvegicus rsec15 mRNA, complete cds.//8.80E-268//1171bp//90%//AF032668
 C-PLACE1009020//NIFS PROTEIN.//3.90E-55//279aa//41%//P12623
 40 C-PLACE1009027//Homo sapiens mRNA for doublecortin.//0//1919bp//99%//AJ003112
 C-PLACE1009060//BRO1 PROTEIN.//6.70E-19//567aa//24%//P48582
 C-PLACE1009094//FURIN-LIKE PROTEASE 2 PRECURSOR (EC 3.4.21.75) (FURIN 2).//1.90E-44//480aa//30%//P30432
 C-PLACE1009099//ZINC FINGER PROTEIN 41 (FRAGMENT).//1.10E-179//452aa//67%//P51814
 45 C-PLACE1009113//Homo sapiens X-ray repair cross-complementing protein 3 (XRCC3) mRNA, complete cds.//0//2529bp//99%//AF035586
 C-PLACE1009130//UBIQUITIN-PROTEIN LIGASE E3A (EC 6.3.2.-) (ONCOGENIC PROTEIN-ASSOCIATED PROTEIN E6-AP).//2.00E-68//181aa//43%//Q05086
 C-PLACE1009158//Mus musculus mRNA for death inducer-obliteritor-1 (Dio-1).//5.40E-200//1790bp//75%//AJ238332
 50 C-PLACE1009186//Homo sapiens small zinc finger-like protein (TIM9b) mRNA, complete cds.//9.60E-255//1179bp//98%//AF150105
 C-PLACE1009246//POLLEN SPECIFIC PROTEIN SF3.//4.40E-16//82aa//43%//P29675
 C-PLACE1009298//VACUOLAR PROTEIN SORTING-ASSOCIATED PROTEIN VPS35.//2.00E-78//262aa//43%//P34110
 55 C-PLACE1009308//GLUCOSE REPRESSION MEDIATOR PROTEIN.//4.00E-06//439aa//23%//P14922
 C-PLACE1009319//Rattus norvegicus outer membrane protein (OMP25) mRNA, complete cds; nuclear gene for mitochondrial product.//2.10E-132//1229bp//75%//AF107295

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C-PLACE1009368//METAL HOMEOSTASIS FACTOR ATX27/2.50E-10//151aa//29%/Q12067
C-PLACE1009398//ZINC FINGER PROTEIN 135./6.20E-97//361aa//51%/P52742
C-PLACE1009404//HYPOTHETICAL 105.6 KD PROTEIN C16C9.06C IN CHROMOSOME I./4.70E-08//165aa//33%/Q09820
5 C-PLACE1009443//Mus musculus F-box protein FBL8 mRNA, complete cds./1.00E-173//1367bp//77%/AF176523
C-PLACE1009444//PHOSPHATIDYLINOSITOL 4-KINASE ALPHA (EC 2.7.1.67) (PI4-KINASE) (PTDINS-4-KINASE) (PI4K-ALPHA)/7.80E-71//82aa//89%/P42356
C-PLACE1009468//PHOSPHOLIPASE A-2-ACTIVATING PROTEIN (PLAP)/3.10E-289//550aa//93%/P54319
10 C-PLACE1009476//PUTATIVE ATP-DEPENDENT RNA HELICASE T26G10.1 IN CHROMOSOME III./3.90E-40//179aa//37%/P34580
C-PLACE1009477//Homo sapiens ubiquitin-fusion degradation protein 2 (UFD2) mRNA, complete cds./6.60E-147//592bp//99%/AF043117
C-PLACE1009524//ARF NUCLEOTIDE-BINDING SITE OPENER (ARNO PROTEIN) (ARF EXCHANGE FACTOR)/7/8.10E-99//228aa//75%/Q99418
15 C-PLACE1009571//Homo sapiens PTD002 mRNA, complete cds./5.90E-185//857bp//99%/AF078857
C-PLACE1009596//VEGETATIBLE INCOMPATIBILITY PROTEIN HET-E-1./5.10E-54//291aa//40%/Q00808
C-PLACE1009622//MATERNAL EFFECT PROTEIN STAUFEN./1.30E-60//209aa//41%/P25159
C-PLACE1009659//MEMBRANE-ASSOCIATED PROTEIN HEM-2 (NAP1 PROTEIN)/1.50E-285//538aa//99%/P55161
20 C-PLACE1009670//Homo sapiens genethonin 1 mRNA, complete cds./0//1854bp//100%/AF062534
C-PLACE1009708//HYPOTHETICAL 143.3 KD TRP-ASP REPEATS CONTAINING PROTEIN C12G12.13C IN CHROMOSOME I./7.00E-33//166aa//43%/Q09876
C-PLACE1009721//MSF1 PROTEIN./1.70E-22//176aa//33%/P35200
25 C-PLACE1009731//AIG1 PROTEIN./1.60E-22//274aa//28%/P54120
C-PLACE1009763//Homo sapiens mRNA for Nedd8-activating enzyme hUba3, complete cds./4.30E-294//1329bp//100%/AB012190
C-PLACE1009798//RLR1 PROTEIN./1.60E-18//270aa//23%/P53552
C-PLACE1009845//WEB1 PROTEIN (PROTEIN TRANSPORT PROTEIN SEC31)/2.30E-59//405aa//33%/P38968
30 C-PLACE1009861//CATHEPSIN B-LIKE CYSTEINE PROTEINASE 6 PRECURSOR (EC 3.4.22.-)/6.50E-28//209aa//38%/P43510
C-PLACE1009908//HYPOTHETICAL GTP-BINDING PROTEIN IN SEH1-PRP20 INTERGENIC REGION./1.90E-108//277aa//43%/P53145
35 C-PLACE1009925//Homo sapiens RNA helicase (RIG-I) mRNA, complete cds./0//1730bp//99%/AF038963
C-PLACE1009992//LIMULUS CLOTTING FACTOR C PRECURSOR (EC 3.4.21.84)/4.60E-59//450aa//34%/P28175
C-PLACE1009997//Rattus norvegicus A-kinase anchoring protein AKAP 220 mRNA, complete cds./5.20E-70//736bp//73 %//U48288
40 C-PLACE1010053//M.musculus Spnr mRNA for RNA binding protein./6.00E-279//1402bp//94%/X84692
C-PLACE1010074//Homo sapiens sorting nexin 2 (SNX2) mRNA, complete cds./0//2019bp//99%/AF065482
C-PLACE1010096//100 KD PROTEIN (EC 6.3.2.-)/1.40E-268//506aa//98%/Q62671
C-PLACE1010105//RING CANAL PROTEIN (KELCH PROTEIN)/7.30E-114//537aa//44%/Q04652
45 C-PLACE1010134//TRANSCRIPTION REGULATORY PROTEIN SNF2 (SWI/SNF COMPLEX COMPONENT SNF2) (REGULATORY PROTEIN SWI2) (REGULATORY PROTEIN GAM1) (TRANSCRIPTION FACTOR TYE3)/1.70E-20//156aa//42%/P22082
C-PLACE1010148//CYUCIN I (MULTIPLE-BAND POLYPEPTIDE I)/4.60E-07//431aa//23%/P35662
C-PLACE1010194//SPLICING FACTOR, ARGININE/SERINE-RICH 2 (SPLICING FACTOR SC35) (SC-35) (SPUCING COMPONENT, 35 KD) (PR264 PROTEIN)/9.80E-11//95aa//49%/Q01130
50 C-PLACE1010231//CELL SURFACE GLYCOPROTEIN EMR1 PRECURSOR (EMR1 HORMONE RECEPTOR)/5.1 OE-27//371aa//28%/Q14246
C-PLACE1010261//SEGREGATION DISTORTER PROTEIN./1.60E-77//214aa//62%/P25722
C-PLACE1010310//SPIDROIN 2 (DRAGLINE SILK FIBROIN 2) (FRAGMENT)/1.20E-18//467aa//30%/P46804
C-PLACE1010321//NON-GREEN PLASTID TRIOSE PHOSPHATE TRANSLOCATOR PRECURSOR (CTPT)/1.10E-09//350aa//22%/P52178
55 C-PLACE1010362//1-PHOSPHATIDYLINOSITOL PHOSPHODIESTERASE PRECURSOR (EC 3.1.4.10) (PHOSPHATIDYLINOSITOL-SPECIFIC PHOSPHOLIPASE C) (PI-PLC)/2.00E-09//126aa//29%/P34024
C-PLACE1010481//Bos taurus C5-glucuronyl epimerase mRNA, partial cds./0//2082bp//91%/AF003927

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C-PLACE1010522//Homo sapiens mRNA for DEPP (decidual protein induced by progesterone), complete cds.//0//1981 bp//99%//AB022718

C-PLACE1010529//Homo sapiens TANK binding kinase TBK1 (TBK1) mRNA, complete cds.//0//1750bp//99%//AF191838

5 C-PLACE1010547//INTRACELLULAR PROTEIN TRANSPORT PROTEIN USO1.//1.20E-07//616aa//24%//P25386

C-PLACE1010579//Homo sapiens CED-6 protein (CED-6) mRNA, complete cds.//8.80E-300//1359bp//99%//AF191771

10 C-PLACE1010599//Homo sapiens Pex14 mRNA for peroxisomal membrane anchor protein, complete cds.//0//1904bp//99%//AB017546

C-PLACE1010622//TROPONIN T, CARDIAC MUSCLE ISOFORMS (TNTC).//0.00000016//120aa//28%//P02642

C-PLACE1010628//Homo sapiens S164 gene, partial cds; PS1 and hypothetical protein genes, complete cds; and S171 gene, partial cds.//7.50E-08//324bp//64%//AF109907

C-PLACE1010661//TESTIS-SPECIFIC PROTEIN PBS 13.//5.70E-75//423aa//39%//Q01755

15 C-PLACE1010662//UDP-GLUCOSE:GLYCOPROTEIN GLUCOSYLTRANSFERASE PRECURSOR (EC 2.4.1.-) (DUGT).//1.80E-222//808aa//52%//Q09332

C-PLACE1010702//ZINC FINGER PROTEIN 43 (ZINC PROTEIN HTF6).//5.20E-151//427aa//55%//P28160

C-PLACE1010720//Homo sapiens mRNA for chromosome-associated polypeptide-C, complete cds.//4.00E-299//1091bp//99%//AB019987

20 C-PLACE1010743//Homo sapiens myosin-IXb splice variant (Myo9b) mRNA, partial cds.//8.90E-91//668bp//82%//AF020267

C-PLACE1010761//Homo sapiens mRNA for cisplatin resistance-associated overexpressed protein, complete cds.//0//1448bp//99%//AB034205

C-PLACE1010771//M.musculus HCNGP mRNA.//7.40E-168//966bp//89%//X68061

25 C-PLACE1010811//Rattus norvegicus mRNA for protein encoded by bdeight gene, partial.//1.60E-217//858bp//87%//AJ010392

C-PLACE1010833//CALTRACTIN(CENTRIN).//0.0000001//154aa//28%//P41209

C-PLACE1010870//ZINC FINGER PROTEIN 91 (ZINC FINGER PROTEIN HTF10) (HPF7).//1.30E-143//407aa//58%//Q05481

30 C-PLACE1010896//NUF1 PROTEIN (SPINDLE POLY BODY SPACER PROTEIN SPC110).//1.50E-25//583aa//23%//P35580

C-PLACE1010926//HYPOTHETICAL 72.2 KD PROTEIN C12C2.05C IN CHROMOSOME II.//7.60E-23//103aa//53%//Q09746

C-PLACE1010942//Homo sapiens intersectin long isoform (ITSN) mRNA, complete cds.//0//1440bp//99%//AF114487

35 C-PLACE1010960//ACTIN-LIKE PROTEIN 13E.//5.30E-98//297aa//48%//P45890

C-PLACE1011041//Homo sapiens mRNA for BAP2-alpha protein, complete cds.//0//1701bp//97%//AB015019

C-PLACE1011046//1-PHOSPHATIDYLINOSITOL-4,5-BISPHOSPHATE PHOSPHODIESTERASE BETA 1 (EC 3.1.4.11) (PLC-BETA-1) (PHOSPHOLIPASE C-BETA-1) (PLC-I) (PLC-154).//0//646aa//97%//P10894

40 C-PLACE1011056//HISTONE HI, GONADAL.//6.80E-13//154aa//37%//P02256

C-PLACE1011109//ELONGATION FACTOR G, MITOCHONDRIAL PRECURSOR (MEFG).//1.50E-22//63aa//88%//Q07803

C-PLACE1011114//PROBABLE ATP-DEPENDENT RNA HELICASE HAS1.//2.90E-71//190aa//44%//Q03532

C-PLACE1011160//Homo sapiens HFB30 mRNA, complete cds.//0//1691bp//99%//AB022663

45 C-PLACE1011185//INSERTION ELEMENT IS1 PROTEIN INSB.//1.30E-89//167aa//100%//P03830

C-PLACE1011219//PROBABLE OXIDOREDUCTASE (EC 1.-.-).//3.20E-12//212aa//29%//Q03326

C-PLACE1011229//Homo sapiens ubiquitin-specific protease homolog (UPH) mRNA, complete cds.//2.30E-152//701bp//99%//AF153604

C-PLACE1011310//MYOSIN HEAVY CHAIN, GIZZARD SMOOTH MUSCLE.//3.50E-20//496aa//25%//P10587

50 C-PLACE1011332//Homo sapiens N-acetylglucosamine-phosphate mutase mRNA, complete cds.//7.20E-151//697bp//99%//AF102265

C-PLACE1011340//Homo sapiens IDN3-B mRNA, complete cds.//1.20E-74//380bp//97%//AB019602

C-PLACE1011371//INTER-ALPHA-TRYPSIN INHIBITOR HEAVY CHAIN H2 PRECURSOR (ITI HEAVY CHAIN H2).//1.70E-78//383aa//39%//Q61703

55 C-PLACE1011399//Homo sapiens CGI-72 protein mRNA, complete cds.//3.20E-90//427bp//99%//AF151830

C-PLACE1011433//TRANSCRIPTION FACTOR IIIA (FACTOR A) (TFIIIA).//3.00E-10//236aa//25%//P34695

C-PLACE1011477//Homo sapiens sorting nexin 2 (SNX2) mRNA, complete cds.//0//2040bp//99%//AF065482

C-PLACE1011492//NON-GREEN PLASTID TRIOSE PHOSPHATE TRANSLOCATOR PRECURSOR (CTPT).//

4.90E-11//147aa//32%//P52178
 C-PLACE1011576//Human Kruppel related zinc finger protein (HTF10) mRNA, complete cds.//0//1791bp//82%//L11672
 C-PLACE1011586//Rattus norvegicus clone C53 CDK5 activator-binding protein mRNA, complete cds//74.10E-259//1538bp//87%//AF177476
 5 C-PLACE1011635//Homo sapiens heparan sulfate D-glucosaminyl 3-O-sulfotransferase-3B (3OST3B1) mRNA, complete cds.//0//1559bp//99%//AF105377
 C-PLACE1011664//CROOKED NECK PROTEIN.//1.60E-187//505aa//64%//P17886
 C-PLACE1011858//Homo sapiens BAG-family molecular chaperone regulator-2 mRNA, complete cds.//1.30E-255//1179bp//99%//AF095192
 10 C-PLACE1011896//Mus musculus Wnt10a mRNA, complete cds.//2.60E-287//1820bp//85%//U61969
 C-PLACE1011922//MYOSIN HEAVY CHAIN, NONMUSCLE TYPE B (CELLULAR MYOSIN HEAVY CHAIN, TYPE B) (NMMHC-B).//1.30E-15//409aa//27%//P35580
 C-PLACE1011923//Homo sapiens serum-inducible kinase mRNA, complete cds.//0//2782bp//99%//AF059617
 15 C-PLACE101-2031//Homo sapiens sorting nexin 13 (SNX13) mRNA, partial cds.//0//1701bp//100%//AF121862
 C-PLACE2000014//HYPOTHETICAL HELICASE C28H8.3 IN CHROMOSOME III.//2.60E-42//104aa//49%//Q09475
 C-PLACE2000015//EPIDERMAL GROWTH FACTOR RECEPTOR SUBSTRATE SUBSTRATE 15 (PROTEIN EPS15) (AF-1P PROTEIN).//1.10E-116//364aa//45%//P42566
 20 C-PLACE2000021//Homo sapiens TRF1-interacting ankyrin-related ADP-ribose polymerase mRNA, complete cds.//2.70E-107//981bp//74%//AF082556
 C-PLACE2000034//LAR PROTEIN PRECURSOR (LEUKOCYTE ANTIGEN RELATED) (EC 3.1.3.48).//2.20E-29//212aa//35%//P10586
 C-PLACE2000039//DYNEIN HEAVY CHAIN, CYTOSOLIC (DYHC) (MAP 1C).//6.10E-293//388aa//99%//P38650
 25 C-PLACE2000062//Homo sapiens mRNA for type II membrane protein similar to HIV gp120-binding C-type lectin, complete cds, clone:HP01347.//6.30E-166//656bp//94%//AB015629
 C-PLACE2000072//Homo sapiens ZNF202 beta (ZNF202) mRNA, complete cds.//0//3174bp//99%//AF027219
 C-PLACE2000164//TIPD PROTEIN.//2.10E-59//481aa//33%//O15736
 C-PLACE2000216//SPECTRIN BETA CHAIN, BRAIN (SPECTRIN, NON-ERYTHROID BETA CHAIN) (FODRIN BETA CHAIN) (SPTBN1).//6.60E-115//226aa//99%//Q01082
 30 C-PLACE2000246//RING CANAL PROTEIN (KELCH PROTEIN).//6.00E-57//239aa//34%//Q04652
 C-PLACE2000274//DYNEIN BETA CHAIN, CILIARY.//2.20E-167//880aa//37%//P23098
 C-PLACE2000341//Homo sapiens sodium-dependent multivitamin transporter (SMVT) mRNA, complete cds.//0//1554bp//99%//AF069307
 35 C-PLACE2000371//TENSIN.//2.90E-78//561aa//37%//Q04205
 C-PLACE2000373//F-SPONDIN PRECURSOR.//8.60E-16//371aa//28%//P35446
 C-PLACE2000398//LAR PROTEIN PRECURSOR (LEUKOCYTE ANTIGEN RELATED) (EC 3.1.3.48).//6.30E-37//90aa//98%//P10586
 C-PLACE2000399//T-CELL SURFACE GLYCOPROTEIN E2 PRECURSOR (E2 ANTIGEN) (CD99) (MIC2 PROTEIN) (12E7).//1.60E-14//180aa//39%//P14209
 40 C-PLACE2000404//PROBABLE LEUCYL-TRNA SYNTHETASE (EC 6.1.1.4) (LEUCINE--TRNA LIGASE) (LEURS).//9.90E-229//821aa//54%//Q09996
 C-PLACE2000411//Homo sapiens epsin 2b mRNA, complete cds.//3.80E-271//642bp//99%//AF062085
 C-PLACE2000427//PROBABLE HELICASE MOT1.//1.20E-26//200aa//27%//P32333
 45 C-PLACE2000438//POLYPEPTIDE N-ACETYL GALACTOSAMINYLTRANSFERASE (EC 2.4.1.41) (PROTEIN-UDP ACETYL GALACTOSAMINYLTRANSFERASE) (UDP-GALNAC:POLYPEPTIDE, N- ACETYL GALACTOSAMINYLTRANSFERASE) (GALNAC-T1).//2.10E-86//348aa//41%//Q10472
 C-PLACE2000458//CADHERIN-RELATED TUMOR SUPPRESSOR PRECURSOR (FAT PROTEIN).//2.50E-25//165aa//40%//P33450
 50 C-PLACE2000477//Homo sapiens putative secreted protein (ZSIG11) mRNA, complete cds.//6.70E-127//671bp//94%//AF072733
 C-PLACE3000009//DNA-DIRECTED RNA POLYMERASE II LARGEST SUBUNIT (EC 2.7.7.6) (RPB1)(FRAGMENT).//3.50E-30//400aa//30%//P11414
 C-PLACE3000020//Homo sapiens type III adenylyl cyclase (AC-III) mRNA, complete cds.//0//2253bp//99%//AF033861
 55 C-PLACE3000059//Mus musculus mRNA for ubiquitin conjugating enzyme.//0//1979bp//90%//Y17267
 C-PLACE3000121//VESICULAR TRAFFIC CONTROL PROTEIN SEC157.//1.90E-08//281aa//22%//P22224
 C-PLACE3000145//TENSIN.//1.00E-108//277aa//75%//Q04205

C-PLACE3000147//Homo sapiens metalloproteinase with thrombospondin type 1 motifs ADAMTS1 (ADAMTS1) mRNA, complete cds.//0//2043bp//99%//AF170084
 C-PLACE3000169//ZINC FINGER PROTEIN 135.//2.50E-90//358aa//47%//P52742
 C-PLACE3000218//Homo sapiens putative protein O-mannosyltransferase (POMT2) mRNA, complete cds.//0//1862bp//98%//AF105020
 5 C-PLACE3000242//Human trophinin mRNA, complete cds.//0//2290bp//99%//U04811
 C-PLACE3000244//PROTEIN TSG24 (MEIOTIC CHECK POINT REGULATOR).//0//1435aa//92%//P53995
 C-PLACE3000254//Homo sapiens transcriptional activator SRCAP (SRCAP) mRNA, complete cds.//0//4583bp//83%//AF143946
 10 C-PLACE3000339//GLUCOAMYLASE S1/S2 PRECURSOR (EC 3.2.1.3) (GLUCAN 1,4-ALPHA- GLUCOSIDASE) (1,4-ALPHA-D-GLUCAN GLUCOHYDROLASE).//9.60E-08//359aa//23%//P08640
 C-PLACE3000350//SERINE/THREONINE-PROTEIN KINASE SULU (EC 2.7.1.-).//1.00E-54//418aa//38%//P46549
 C-PLACE3000416//Homo sapiens mRNA for actin binding protein ABP620, complete cds.//1.80E-141//565bp//98%//AB029290
 15 C-PLACE3000477//Homo sapiens phosphoprotein pp75 mRNA, partial cds.//0//3012bp//98%//AF153085
 C-PLACE4000009//MYOSIN HEAVY CHAIN, NONMUSCLE TYPE B (CELLULAR MYOSIN HEAVY CHAIN, TYPE B) (NMMHC-B).//2.90E-54//626aa//29%//P35580
 C-PLACE4000014//X-LINKED HEUCASE II (X-LINKED NUCLEAR PROTEIN) (XNP).//3.10E-111//348aa//41%//P46100
 20 C-PLACE4000052//Homo sapiens ATP cassette binding transporter 1 (ABC1) mRNA, complete cds.//0//4661bp//99%//AF165281
 C-PLACE4000063//GLUCOAMYLASE S1/S2 PRECURSOR (EC 3.2.1.3) (GLUCAN 1,4-ALPHA- GLUCOSIDASE) (1,4-ALPHA-D-GLUCAN GLUCOHYDROLASE).//1.70E-15//740aa//23%//P08640
 25 C-PLACE4000100//Homo sapiens hydroxypyruvate reductase (GRHPR) gene, complete cds.//0//4199bp//97%//AF146689
 C-PLACE4000128//Mus musculus putative transcription factor mRNA, complete cds.//1.60E-86//190aabb//88%//AF091234
 C-PLACE4000156//ZINC FINGER PROTEIN 91 (ZINC FINGER PROTEIN HTF10) (HPF7).//1.40E-235//516aa//51%//Q05481
 30 C-PLACE4000192//ZINC FINGER PROTEIN 142 (KIAA0236) (HA4654).//7.00E-22//369aa//25%//P52746
 C-PLACE4000211//Homo sapiens BAZ2A mRNA for bromodomain adjacent to zinc finger domain 2A, complete cds.//0//5709bp//96%//AB032254
 C-PLACE4000230//Mus musculus semaphorin VIa mRNA, complete cds.//0//2567bp//88%//AF030430
 35 C-PLACE4000259//H.sapiens gene for U5 snRNP-specific 200kD proteom.//0//5143bp//90%//Z70200
 C-PLACE4000261//PEREGRIN (BR140 PROTEIN).//9.50E-10//128aa//34%//P55201
 C-PLACE4000269//Rattus norvegicus rexo70 mRNA, complete cds.//0//2034bp//89%//AF032667
 C-PLACE4000326//NAM7 PROTEIN (NONSENSE-MEDIATED MRNA DECAY PROTEIN 1) (UP-FRAMESHIFT SUPPRESSOR 1).//8.10E-24//319aa//31%//P30771
 40 C-PLACE4000369//Homo sapiens thyroid hormone receptor-associated protein complex component TRAP240 mRNA, complete cds.//1.40E-185//1135bp//67%//AF117754
 C-PLACE4000401//ACETYL-COENZYME A SYNTHETASE (EC 6.2.1.1) (ACETATE--COA LIGASE) (ACYL- ACTIVATING ENZYME).//7.20E-22//54aa//62%//Q01576
 C-PLACE4000431//H.sapiens gene for U5 snRNP-specific 200kD protein.//0//5142bp//90%//Z70200
 45 C-PLACE4000450//Homo sapiens BAZ2A mRNA for bromodomain adjacent to zinc finger domain 2A, complete cds.//0//5709bp//96%//AB032254
 C-PLACE4000489//PROTEIN GRAINY-HEAD (DNA-BINDING PROTEIN ELF-1) (ELEMENT I-BINDING ACTIVITY) (TRANSCRIPTION FACTOR NTF-1).//7.70E-60//254aa//44%//P13002
 C-PLACE4000522//NEUROGENIC LOCUS NOTCH PROTEIN HOMOLOG PRECURSOR (XOTCH PROTEIN).//2.40E-191//828aa//48%//P21783
 50 C-PLACE4000548//GLUCOAMYLASE S1/S2 PRECURSOR (EC 3.2.1.3) (GLUCAN 1,4-ALPHA-GLUCOSIDASE) (1,4-ALPHA-D-GLUCAN GLUCOHYDROLASE).//8.70E-13//784aa//21%//P08640
 C-PLACE4000558//PROBABLE UBIQUITIN CARBOXYL-TERMINAL HYDROLASE FAF (EC 3.1.2.15) (UBIQUITIN THIOLESTERASE FAF) (UBIQUITIN-SPECIFIC PROCESSING PROTEASE FAF) (DEUBIQUITINATING ENZYME FAF) (FAT FACETS PROTEIN).//1.50E-26//252aa//35%//P55824
 55 C-PLACE4000581//FIBROPELLIN I PRECURSOR (EPIDERMAL GROWTH FACTOR-RELATED PROTEIN 1) (UEGF-1).//9.30E-70//226aa//52%//P10079
 C-PLACE4000650//TUBERIN (TUBEROUS SCLEROSIS 2 HOMOLOG PROTEIN).//7.90E-17//201aa//34%//

- P49816
 C-PLACE4000654//Mus musculus mRNA for ubiquitin conjugating enzyme.//0//6340bp//87%/Y17267
 C-SKNMC1000011//PUTATIVE IMPORTIN BETA-4 SUBUNIT (KARYOPHERIN BETA-4 SUBUNIT).//5.50E-35//431aa//29%/O60100
- 5 C-SKNMC1000013//Homo sapiens ATP-binding cassette protein M-ABC1 mRNA, nuclear gene encoding mitochondrial protein, complete cds.//0//2384bp//99%/AF047690
 C-SKNMC1000046//Homo sapiens liprin-alpha3 mRNA, partial cds.//1.90E-162//749bp//99%/AF034800
 C-SKNMC1000050//CALPAIN 2, LARGE [CATALYTIC] SUBUNIT (EC 3.4.22.17) (CALCIUM-ACTIVATED NEUTRAL PROTEINASE) (CANP) (M-TYPE).//3.20E-41//87aa//98%/P17655
- 10 C-SKNMC1000091//Homo sapiens mRNA for leucine-zipper protein, complete cds.//6.10E-190//872bp//99%/AB021663
 C-THYRO1000034//TRICHOHYALIN.//9.40E-10//176aa//30%/P37709
 C-THYRO1000072//MYOSIN UGHT CHAIN KINASE, SMOOTH MUSCLE AND NON-MUSCLE ISOZYMES (EC 2.7.1.117) (MLCK) [CONTAINS: TELOKIN].//3.40E-16//201aa//29%/P11799
- 15 C-THYRO1000085//PAIRED BOX PROTEIN PAX-8, ISOFORMS 8A/8B.//2.00E-72//155aa//92%/Q06710
 C-THYRO1000121//Rattus norvegicus CTD-binding SR-like protein rA8 mRNA, complete cds.//0//1737bp//87%/U49055
 C-THYRO1000132//Homo sapiens echinoderm microtubule-associated protein homolog HuEMAP mRNA, complete cds.//1.10E-159//824bp//95%/U97018
- 20 C-THYRO1000173//Homo sapiens AP-mu chain family member muB (HSMU1B) mRNA, complete cds.//0//1713bp//99%/AF020797
 C-THYRO1000197//Homo sapiens mRNA for poly(A)-specific ribonuclease.//0//2362bp//99%/AJ005698
 C-THYRO1000242//ZINC FINGER PROTEIN 84 (ZINC FINGER PROTEIN HPF2).//5.00E-118//239aa//66%/P51523
- 25 C-THYRO1000288//Homo sapiens mRNA for Hs Ste24p, complete cds.//0//2161bp//99%/AB016068
 C-THYRO1000327//Homo sapiens autocrine motility factor receptor (AMFR) mRNA, complete cds.//0//1567bp//99%/AF124145
 C-THYRO1000343//ATROPHIN-1 (DENTATORUBRAL-PALUDOLUYSIAN ATROPHY PROTEIN).//4.90E-06//280aa//31%/P54259
- 30 C-THYRO1000358//SELENIUM-BINDING LIVER PROTEIN.//2.30E-229//237aa//79%/P17563
 C-THYRO1000394//Homo sapiens peroxisomal membrane protein PMP 24 mRNA, complete cds.//1.20E-299//1325bp//99%/AF072864
 C-THYRO1000395//Homo sapiens actin-binding protein (IPP) mRNA, complete cds.//0//2092bp//99%/AF156857
 C-THYRO1000401//Human TcD37 homolog (HTcD37) mRNA, partial cds.//1.10E-90//430bp//99%/U67085
- 35 C-THYRO1000488//Homo sapiens HFB30 mRNA, complete cds.//0//2254bp//100%/AB022663
 C-THYRO1000501//52 KD RO PROTEIN (SJOGREN SYNDROME TYPE A ANTIGEN (SS-A))(RO(SS-A)).//4.20E-98//408aa//42%/P19474
 C-THYRO1000569//Mus musculus hematopoietic zinc finger protein mRNA, complete cds.//0//1557bp//91%/AF118566
- 40 C-THYRO1000585//Homo sapiens protein associated with Myc mRNA, complete cds.//0//1901bp//99%/AF075587
 C-THYRO1000605//Homo sapiens histone acetyltransferase (HBOa) mRNA, complete cds.//0//3080bp//99%/AF140360
 C-THYRO1000662//Homo sapiens XPV mRNA for DNA polymerase eta, complete cds.//0//2341 bp//99%/AB024313
- 45 C-THYRO1000666//Mus musculus mRNA for kinesin like protein 9.//0//2001bp//86%/AJ132889
 C-THYRO1000684//Homo sapiens BAG-family molecular chaperone regulator-5 mRNA, complete cds.//0//3347bp//99%/AF095195
 C-THYRO1000748//RHO-GAP HEMATOPOIETIC PROTEIN C1 (P115) (KIAA0131).//3.30E-96//335aa//52%/P98171
- 50 C-THYRO1000756//ALPHA-N-ACETYL GALACTOSAMINIDE ALPHA-2,6-SIALYLTRANSFERASE (EC 2.4.99.-) (ST6GALNACIII)(STY).//1.80E-55//243aa//42%/Q64686
 C-THYRO1000783//Xenopus laevis tail-specific thyroid hormone up-regulated (gene 5) mRNA, complete cds.//2.40E-157//1656bp//70%/U37373
- 55 C-THYRO1000852//Human branched-chain amino acid aminotransferase (ECA40) mRNA, complete cds.//1.40E-137//689bp//96%/U62739
 C-THYRO1000926//Homo sapiens cAMP-specific phosphodiesterase 8B (PDE8B) mRNA, partial cds.//0//2387bp//99%/AF079529

- C-THYRO11000934//PYRROLINE-5-CARBOXYLATE REDUCTASE (EC 1.5.1.2) (P5CR) (P5C REDUCTASE)//
7.50E-57//315aa//43%/P32322
- C-THYRO1000951//DIHYDROXYACETONE KINASE 2 (EC 2.7.1.29) (GLYCERONE KINASE)//5.00E-83//
566aa//37%/P43550
- 5 C-THYRO1000983//UBIQUITIN-CONJUGATING ENZYME E2-17 KD 9 (EC 6.3.2.19) (UBIQUITIN-PROTEIN
LIGASE 9) (UBIQUITIN CARRIER PROTEIN 9) (UBCAT4B)//6.30E-17//143aa//39%/P35132
- C-THYRO1001003//UBIQUITIN-CONJUGATING ENZYME E2-21.2 KD (EC 6.3.2.19) (UBIQUITIN-PROTEIN
UGASE) (UBIQUITIN CARRIER PROTEIN)//5.90E-14//84aa//41%/P52491
- 10 C-THYRO1001033//TRANSFORMATION-SENSITIVE PROTEIN IEF SSP 3521//8.40E-12//167aa//29%/P31948
- C-THYRO1001100//ZINC FINGER X-UNKEED PROTEIN ZXDA (FRAGMENT)//1.20E-67//245aa//62%/P98168
- C-THYRO1001120//Homo sapiens deltex (Dx) mRNA, complete cds//1.30E-110//1947bp//65%/AF053700
- C-THYRO1001134//Homo sapiens CGI-78 protein mRNA, complete cds//0//1898bp//99%/AF151835
- C-THYRO1001189//ZINC FINGER PROTEIN 91 (ZINC FINGER PROTEIN HTF10) (HPF7)//1.10E-200//546aa//
62%/Q05481
- 15 C-THYRO1001204//Homo sapiens cathepsin Z precursor (CTS2) gene, exons 4, 5, and 6 and complete cds; and
TH1 gene partial sequence//3.80E-100//478bp//99%/AF136276
- C-THYRO1001287//MANNOSYL-OLIGOSACCHARIDE ALPHA-1,2-MANNOSIDASE (EC 3.2.1.113) (MAN(9)-
ALPHA-MANNOSIDASE) (FRAGMENT)//3.40E-51//429aa//33%/P45701
- C-THYRO1001313//Homo sapiens sorting nexin 11 (SNX11) mRNA, complete cds//0//2330bp//94%/AF121861
- 20 C-THYRO1001347//Homo sapiens RAN binding protein 16 mRNA, complete cds//2.00E-263//3101bp//68%/
AF064729
- C-THYRO1001374//CYTOSOLIC ACYL COENZYME A THIOESTER HYDROLASE (EC 3.1.2.2) (LONG CHAIN
ACYL-COA THIOESTER HYDROLASE) (CTE-II)//1.80E-13//361aa//22%/O00154
- C-THYRO1001405//PLECTIN//6.90E-19//450aa//27%/P30427
- 25 C-THYRO1001406//PUTATIVE STEROID DEHYDROGENASE KIK-I (EC 1.1.1.-)//1.10E-131//219aa//81%/
O70503
- C-THYRO1001458//MYOSIN HEAVY CHAIN, NONMUSCLE TYPE B (CELLULAR MYOSIN HEAVY CHAIN,
TYPE B) (NMMHC-B)//2.70E-171//559aa//59%/P35580
- C-THYRO1001617//Homo sapiens cDNA for dihydroxyacetone phosphate acyltransferase (DAP-AT)//0//1784bp//
99%/AJ002190
- 30 C-THYRO1001656//Homo sapiens Leman coiled-coil protein (LCCP) mRNA, complete cds//4.10E-273//1947bp//
82%/AF175968
- C-THYRO1001671//Homo sapiens mRNA for 2'-5' oligoadenylate synthetase 59 kDa isoform//0//1820bp//99%/
AJ225089
- 35 C-THYRO1001703//NIFR3-LIKEPROTEIN//2.90E-32//282aa//32%/P45672
- C-THYRO1001721//RING CANAL PROTEIN (KELCH PROTEIN)//9.30E-34//220aa//38%/Q04652
- C-THYRO1001738//TUBULIN--TYROSINE LIGASE (EC 6.3.2.25) (TTL)//2.40E-20//217aa//30%/P38584
- C-THYRO1001809//MYOCYTE NUCLEAR FACTOR (MNF)//1.40E-74//158aa//89%/P42128
- C-Y79AA1000013//Mus musculus RING finger protein A07 mRNA, complete cds//8.90E-205//1435bp//81%/
40 AF171060
- C-Y79AA1000033//Homo sapiens CARD4 mRNA, complete cds//0//2929bp//96%/AF126484
- C-Y79AA1000037//DNA-BINDING PROTEIN BMI-1//2.40E-30//80aa//60%/P25916
- C-Y79AA1000059//Homo sapiens aryl-hydrocarbon interacting protein-like 1 (AHL1) gene, complete cds//0//
980bp//96%/AF180472
- 45 C-Y79AA1000181//Homo sapiens CGI-01 protein mRNA, complete cds//0//1858bp//99%/AF132936
- C-Y79AA1000214//Homo sapiens histone H2A.F/Z variant (H2AV) mRNA, complete cds//7.10E-71//345bp//
100%/AF081192
- C-Y79AA1000231//Homo sapiens nucleolar protein NOP5/NOP58 mRNA, complete cds//0//1515bp//99%/
AF123534
- 50 C-Y79AA1000268//Mus musculus Nip21 mRNA, complete cds//2.10E-50//648bp//64%/AF035207
- C-Y79AA1000313//CALPHOTIN//0.000011//336aa//23%/Q02910
- C-Y79AA1000328//SEL-10 PROTEIN//0.000000067//219aa//25%/Q93794
- C-Y79AA1000342//Homo sapiens Ciz1 mRNA, complete cds//0//2644bp//81%/AB030835
- C-Y79AA1000346//Homo sapiens nonclathrin coat protein gamma2-COP mRNA, complete cds//0//2520bp//99%/
55 AF157833
- C-Y79AA1000349//M.musculus Spnr mRNA for RNA binding protein//0//2048bp//93%/X84692
- C-Y79AA1000368//REDUCED VIABILITY UPON STARVATION PROTEIN 161//4.00E-20//261aa//27%/P25343
- C-Y79AA1000469//Mus musculus ancient ubiquitous 46 kDa protein AUP1 precursor (Aup1) mRNA, complete

cds.//8.30E-252//1207bp//85%//U41736
 C-Y79AA1000540//CELL POLARITY PROTEIN TEA1.//2.10E-12//211aa//33%//P87061
 C-Y79AA1000560//ALPHA-ADAPTIN C (CLATHRIN ASSEMBLY PROTEIN COMPLEX 2 ALPHA-C LARGE
 CHAIN) (100 KD COATED VESICLE PROTEIN C) (PLASMA MEMBRANE ADAPTOR HA2/AP2 ADAPTIN ALPHA
 C SUBUNIT)7//0//652aa//98%//P17427
 5 C-Y79AA1000589//32.3 KD PROTEIN IN CWP1-MBR1 INTERGENIC REGION.//2.40E-27//216aa//34%//P28320
 C-Y79AA1000627//Homo sapiens zinc finger protein (ZF5128) mRNA, complete cds.//2.00E-287//2031bp//82%//
 AF060503
 C-Y79AA1000705//M.musculus mRNA of enhancer-trap-locus 1 //5.80E-254//1477bp//84%//X69942
 10 C-Y79AA1000734//Homo sapiens peroxisomal biogenesis factor (PEX11b) mRNA, complete cds.//0//1594bp//
 99%//AF093670
 C-Y79AA1000748//Rattus norvegicus clone C42 CDK5 activator-binding protein mRNA, complete cds.//6.60E-
 286//1832bp//84%//AF177477
 C-Y79AA1000752//PUTATIVE HETEROGENEOUS NUCLEAR RIBONUCLEOPROTEIN X (HNRNP X) (CBP).//
 15 4.90E-91//200aa//64%//Q61990
 C-Y79AA1000782//CYTOSOLIC PURINE 5'-NUCLEOTIDASE (EC 3.1.3.5).//3.00E-37//469aa//27%//P49902
 C-Y79AA1000784//Homo sapiens RanBP7/importin 7 mRNA, complete cds.//1.10E-236//1076bp//99%//
 AF098799
 C-Y79AA1000794//Homo sapiens actin-associated protein 2E4/kaptin (2E4) mRNA, 2E4-1 allele, complete cds.//
 20 0//1610bp//99%//AF105369
 C-Y79AA1000800//Homo sapiens putative secreted protein (ZSIG11) mRNA, complete cds.//1.60E-284//1288bp//
 99%//AF072733
 C-Y79AA1000833//TUBULIN ALPHA-1 CHAIN.//5.00E-173//220aa//79%//P05209
 C-Y79AA1000962//MYOSIN HEAVY CHAIN, NON-MUSCLE (ZIPPER PROTEIN) (MYOSIN II)7//4.20E-17//
 25 430aa//27%//Q99323
 C-Y79AA1000966//Homo sapiens COP9 complex subunit 4 mRNA, complete cds.//0//1586bp//99%//AF100757
 C-Y79AA1000968//Rattus norvegicus initiation factor eIF-2B gamma subunit (eIF-2B gamma) mRNA, complete
 cds.//3.90E-248//1468bp//87%//U38253
 C-Y79AA1000985//Human centrosomal protein kendrin mRNA, complete cds.//4.70E-151//985bp//87%//U52962
 30 C-Y79AA1001048//ACYL-COA DEHYDROGENASE, VERY-LONG-CHAIN SPECIFIC PRECURSOR (EC
 1.3.99.-) (VLCAD)//3.10E-138//583aa//47%//P45953
 C-Y79AA1001211//Homo sapiens origin recognition complex subunit 6 (ORC6) mRNA, complete cds.//0//1435bp//
 99%//AF139658
 C-Y79AA1001233//ESTRADIOL 17 BETA-DEHYDROGENASE 1 (EC 1.1.1.62) (17-BETA-HSD 1) (17-BETA-HY-
 35 DROXYSTEROID DEHYDROGENASE 1).//7.70E-50//228aa//42%//P51657
 C-Y79AA1001236//Homo sapiens cell division protein mRNA, complete cds.//0//1612bp//99%//AF063015
 C-Y79AA1001299//Homo sapiens mRNA for integrase interactor 1b protein (INI1B).//0//996bp//99%//AJ011738
 C-Y79AA1001312//ZINC FINGER PROTEIN MLZ-4 (ZINC FINGER PROTEIN 46).//0.000000023//193aa//30%//
 Q03309
 40 C-Y79AA1001323//Mus musculus mRNA for GSG1, complete cds.//3.30E-172//1171bp//83%//D87325
 C-Y79AA1001384//Homo sapiens very large G-protein coupled receptor-1 (VLGR1) mRNA, complete cds.//0//
 4708bp//99%//AF055084
 C-Y79AA1001391//HOMEODOMAIN PROTEIN HOX-A13 (HOX-1J).//1.20E-58//178aa//66%//P31271
 C-Y79AA1001394//CELL DIVISION PROTEIN FTSH HOMOLOG (EC 3.4.24.-).//1.20E-13//230aa//32%//O83746
 45 C-Y79AA1001402//Homo sapiens paraneoplastic cancer-testis-brain antigen (MA4) mRNA, partial cds.//8.50E-
 65//784bp//62%//AF083115
 C-Y79AA1001493//UBIQUITIN-CONJUGATING ENZYME E2-17 KD 9 (EC 6.3.2.19) (UBIQUITIN-PROTEIN
 LIGASE 9) (UBIQUITIN CARRIER PROTEIN 9) (UBCAT4B).//3.80E-18//151aa//38%//P35132
 C-Y79AA1001533//Mouse mRNA for RNA polymerase I associated factor (PAF53), complete cds.//4.50E-193//
 50 1333bp//80%//D14336
 C-Y79AA1001548//PHOSPHATIDYLINOSITOL 4-KINASE ALPHA (EC 2.7.1.67) (PI4-KINASE) (PTDINS-4-KI-
 NASE) (PI4K-ALPHA).//7.50E-76//85aa//90%//P42356
 C-Y79AA1001581//ACETYL-COENZYME A SYNTHETASE (EC 6.2.1.1) (ACETATE--COA LIGASE) (ACYL- AC-
 TIVATING ENZYME).//1.90E-40//482aa//27%//P27550
 55 C-Y79AA1001594//HYALURONAN-MEDIATED MOTILITY RECEPTOR (HYALURONIC ACID RECEPTOR).//
 2.50E-14//410aa//24%//Q00547
 C-Y79AA1001603//POLYPEPTIDE N-ACETYL GALACTOSAMINYLTRANSFERASE (EC 2.4.1.41) (PROTEIN-
 UDP ACETYL GALACTOSAMINYLTRANSFERASE) (UDP-GALNAC:POLYPEPTIDE, N- ACETYL GALACTOS-

AMINYLTRANSFERASE) (GALNAC-T1) //1.70E-84//313aa//48%//Q07537
 C-Y79AA1001613//ZINC FINGER PROTEIN 132 //3.80E-91//209aa//41%//P52740
 C-Y79AA1001679//Homo sapiens lambda-crystallin mRNA, complete cds //3.4e-310//1430bp//98%//AF077049
 C-Y79AA1001692//Mus musculus strain C57BL/J germ cell-less protein (Gc1) mRNA, complete cds //1.40E-78//
 5 227aa//40%//Q01820
 C-Y79AA1001705//Homo sapiens p53 regulated PA26-T2 nuclear protein (PA26) mRNA, complete cds //3.40E-
 47//626bp//68%//AF033120
 C-Y79AA1001711//Human 60-kdal ribonucleoprotein (Ro) mRNA, complete cds //1.20E-258//1185bp//99%//
 J04137
 10 C-Y79AA1001827//Homo sapiens mammalian inositol hexakisphosphate kinase 2 (IP6K2) mRNA, complete cds //
 0//1689bp//98%//AF177145
 C-Y79AA1001866//Homo sapiens zinc finger protein ZNF180 (ZNF180) mRNA, complete cds //0//2927bp//97%//
 AF192913
 C-Y79AA1001874//OX40L RECEPTOR PRECURSOR (ACT35 ANTIGEN) (TAX-TRANSCRIPTIONALLY ACTI-
 15 VATED GLYCOPROTEIN 1 RECEPTOR) (CD134 ANTIGEN) //4.50E-08//135aa//31%//P43489
 C-Y79AA1001875//RAS-RELATED PROTEIN RAB-7 //9.40E-12//34aa//97%//P51149
 C-Y79AA1001923//Homo sapiens F-box protein Fbx22 (FBX22) gene, partial cds //7.10E-52//279bp//97%//
 AF174602
 C-Y79AA1001963//PUTATIVE PRE-MRNA SPLICING FACTOR ATP-DEPENDENT RNA HELICASE
 20 SPAC10F6.02C //1.00E-10//94aa//47%//Q42643
 C-Y79AA1002027//UBIQUITIN-CONJUGATING ENZYME E2-18 KD (EC 6.3.2.19) (UBIQUITIN- PROTEIN
 LIGASE) (UBIQUITIN CARRIER PROTEIN) (PM42) //9.90E-39//143aa//52%//P42743
 C-Y79AA1002083//H.sapiens mRNA for MUF1 protein //5.00E-163//752bp//99%//X86018
 C-Y79AA1002103//ZINC FINGER PROTEIN ZFP-36 (FRAGMENT) //3.00E-257//549aa//76%//P16415
 25 C-Y79AA1002139//DNAJ PROTEIN HOMOLOG 1 (DROJ1) //9.00E-17//120aa//45%//Q24133
 C-Y79AA1002204//COMPLEXIN 2 (SYNAPHIN 1) (921-L) //7.50E-09//131aa//35%//Q13329
 C-Y79AA1002208//ANKYRIN //8.10E-34//188aa//38%//Q02357
 C-Y79AA1002209//TYROSYL-TRNA SYNTHETASE (EC 6.1.1.1) (TYROSINE--TRNA LIGASE) (TYRRS) //1.60E-
 72//437aa//39%//P00952
 30 C-Y79AA1002210//TUMOR NECROSIS FACTOR, ALPHA-INDUCED PROTEIN 1, ENDOTHELIAL (B12 PRO-
 TEIN) //0.0000018//140aa//25%//Q13829
 C-Y79AA1002211//PHOSPHATIDYLETHANOLAMINE-BINDING PROTEIN HOMOLOG F40A3.3 //1.70E-17//
 146aa//35%//Q16264
 C-Y79AA1002229//DNA CROSS-LINK REPAIR PROTEIN PSO2/SNM1 //7.10E-17//213aa//31%//P30620
 35 C-Y79AA1002246//SYNAPTOTAGMIN V //1.60E-28//286aa//32%//O00445
 C-Y79AA1002258//Homo sapiens mRNA for HIP1R, complete cds //0//2106bp//99%//AB013384
 C-Y79AA1002307//Homo sapiens astrotactin2 (ASTN2) mRNA, complete cds //0//1209bp//99%//AF116574
 C-Y79AA1002311//R.norvegicus mRNA for cytosolic resiniferatoxin-binding protein //2.90E-186//1130bp//82%//
 X67877
 40 C-Y79AA1002361//Rattus norvegicus mRNA for protein phosphatase 1 (GL-subunit) //6.90E-140//966bp//82%//
 Y18208
 C-Y79AA1002399//Homo sapiens mRNA for sperm protein //0//1163bp//95%//X91879
 C-Y79AA1002416//Mus musculus CTP synthetase homolog (CTPsH) mRNA, complete cds //3.9e-317//1902bp//
 86%//U49385
 45 C-Y79AA1002431//TRANSDUCIN-LIKE ENHANCER PROTEIN 2 (ESG2) //9.80E-62//318aa//35%//Q04725
 C-Y79AA1002433//Homo sapiens chromatin- specific transcription elongation factor FACT 140 kDa subunit mR-
 NA, complete cds //0//1545bp//96%//AF152961
 C-Y79AA1002472//ZINC FINGER PROTEIN 91 (ZINC FINGER PROTEIN HTF10) (HPF7) //1.50E-136//472aa//
 49%//Q05481
 50 C-Y79AA1002482//ZINC FINGER PROTEIN 91 (ZINC FINGER PROTEIN HTF10) (HPF7) //2.70E-137//340aa//
 51%//Q05481
 C-Y79AA1002487//Homo sapiens chromosome 5 F-box protein Fbx4 (FBX4) mRNA, complete cds //7.3e-311//
 1444bp//98%//AF129534

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Claims

1. Use of an oligonucleotide as a primer for synthesizing the polynucleotide comprising the nucleotide sequence set

forth in any one of SEQ ID NOs: 1-5547 and SEQ ID NOs: 16111-16164, or the complementary strand thereof, wherein said oligonucleotide is complementary to said polynucleotide or the complementary strand thereof and comprises at least 15 nucleotides.

- 5 2. A primer set for synthesizing polynucleotides, the primer set comprising an oligo-dT primer and an oligonucleotide complementary to the complementary strand of the polynucleotide comprising the nucleotide sequence set forth in any one of SEQ ID NOs: 1-5547 and SEQ ID NOs: 16111-16164, wherein said oligonucleotide comprises at least 15 nucleotides.
- 10 3. A primer set for synthesizing polynucleotides, the primer set comprising a combination of an oligonucleotide comprising a nucleotide sequence complementary to the complementary strand of the polynucleotide comprising a 5'-end nucleotide sequence and an oligonucleotide comprising a nucleotide sequence complementary to the polynucleotide comprising a 3'-end nucleotide sequence, wherein said oligonucleotides comprise at least 15 nucleotides and wherein said combination of 5'-end nucleotide sequence 3'-end nucleotide sequence is selected from the group consisting of:
- 15

SEQ ID NO: 1 / SEQ ID NO: 5548, SEQ ID NO: 4 / SEQ ID NO: 5549, SEQ ID NO: 5 / SEQ ID NO: 5550, SEQ ID NO: 6 / SEQ ID NO: 5551, SEQ ID NO: 7 / SEQ ID NO: 5552, SEQ ID NO: 8 / SEQ ID NO: 5553, SEQ ID NO: 9 / SEQ ID NO: 5554, SEQ ID NO: 10 / SEQ ID NO: 5555, SEQ ID NO: 11 / SEQ ID NO: 5556, SEQ ID NO: 12 / SEQ ID NO: 5557, SEQ ID NO: 13 / SEQ ID NO: 5558, SEQ ID NO: 14 / SEQ ID NO: 5559, SEQ ID NO: 15 / SEQ ID NO: 5560, SEQ ID NO: 16 / SEQ ID NO: 5561, SEQ ID NO: 17 / SEQ ID NO: 5562, SEQ ID NO: 18 / SEQ ID NO: 5563, SEQ ID NO: 19 / SEQ ID NO: 5564, SEQ ID NO: 20 / SEQ ID NO: 5565, SEQ ID NO: 21 / SEQ ID NO: 5566, SEQ ID NO: 22 / SEQ ID NO: 5567, SEQ ID NO: 23 / SEQ ID NO: 5568, SEQ ID NO: 24 / SEQ ID NO: 5569, SEQ ID NO: 25 / SEQ ID NO: 5570, SEQ ID NO: 26 / SEQ ID NO: 5571, SEQ ID NO: 27 / SEQ ID NO: 5572, SEQ ID NO: 28 / SEQ ID NO: 5573, SEQ ID NO: 29 / SEQ ID NO: 5574, SEQ ID NO: 30 / SEQ ID NO: 5575, SEQ ID NO: 31 / SEQ ID NO: 5576, SEQ ID NO: 32 / SEQ ID NO: 5577, SEQ ID NO: 33 / SEQ ID NO: 5578, SEQ ID NO: 34 / SEQ ID NO: 5579, SEQ ID NO: 35 / SEQ ID NO: 5580, SEQ ID NO: 37 / SEQ ID NO: 5581, SEQ ID NO: 38 / SEQ ID NO: 5582, SEQ ID NO: 39 / SEQ ID NO: 5583, SEQ ID NO: 40 / SEQ ID NO: 5584, SEQ ID NO: 42 / SEQ ID NO: 5585, SEQ ID NO: 43 / SEQ ID NO: 5586, SEQ ID NO: 44 / SEQ ID NO: 5587, SEQ ID NO: 45 / SEQ ID NO: 5588, SEQ ID NO: 46 / SEQ ID NO: 5589, SEQ ID NO: 47 / SEQ ID NO: 5590, SEQ ID NO: 48 / SEQ ID NO: 5591, SEQ ID NO: 49 / SEQ ID NO: 5592, SEQ ID NO: 50 / SEQ ID NO: 5593, SEQ ID NO: 51 / SEQ ID NO: 5594, SEQ ID NO: 52 / SEQ ID NO: 5595, SEQ ID NO: 53 / SEQ ID NO: 5596, SEQ ID NO: 54 / SEQ ID NO: 5597, SEQ ID NO: 55 / SEQ ID NO: 5598, SEQ ID NO: 56 / SEQ ID NO: 5599, SEQ ID NO: 57 / SEQ ID NO: 5600, SEQ ID NO: 58 / SEQ ID NO: 5601, SEQ ID NO: 59 / SEQ ID NO: 5602, SEQ ID NO: 60 / SEQ ID NO: 5603, SEQ ID NO: 61 / SEQ ID NO: 5604, SEQ ID NO: 62 / SEQ ID NO: 5605, SEQ ID NO: 63 / SEQ ID NO: 5606, SEQ ID NO: 65 / SEQ ID NO: 5607, SEQ ID NO: 66 / SEQ ID NO: 5608, SEQ ID NO: 67 / SEQ ID NO: 5609, SEQ ID NO: 68 / SEQ ID NO: 5610, SEQ ID NO: 69 / SEQ ID NO: 5611, SEQ ID NO: 70 / SEQ ID NO: 5612, SEQ ID NO: 71 / SEQ ID NO: 5613, SEQ ID NO: 72 / SEQ ID NO: 5614, SEQ ID NO: 74 / SEQ ID NO: 5615, SEQ ID NO: 76 / SEQ ID NO: 5616, SEQ ID NO: 77 / SEQ ID NO: 5617, SEQ ID NO: 78 / SEQ ID NO: 5618, SEQ ID NO: 79 / SEQ ID NO: 5619, SEQ ID NO: 80 / SEQ ID NO: 5620, SEQ ID NO: 81 / SEQ ID NO: 5621, SEQ ID NO: 82 / SEQ ID NO: 5622, SEQ ID NO: 83 / SEQ ID NO: 5623, SEQ ID NO: 84 / SEQ ID NO: 5624, SEQ ID NO: 85 / SEQ ID NO: 5625, SEQ ID NO: 86 / SEQ ID NO: 5626, SEQ ID NO: 87 / SEQ ID NO: 5627, SEQ ID NO: 88 / SEQ ID NO: 5628, SEQ ID NO: 89 / SEQ ID NO: 5629, SEQ ID NO: 90 / SEQ ID NO: 5630, SEQ ID NO: 91 / SEQ ID NO: 5631, SEQ ID NO: 92 / SEQ ID NO: 5632, SEQ ID NO:

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- 5 4. A polynucleotide which can be synthesized with the primer set of claim 2 or 3.
5. A polynucleotide comprising a coding region in the polynucleotide of claim 4.
6. A substantially pure protein encoded by polynucleotide of claim 4.
- 10 7. A partial peptide of the protein of claim 6.
8. An isolated polynucleotide selected from the group consisting of
- 15 (a) a polynucleotide comprising a coding region of the nucleotide sequence set forth in any one of the following
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20 (b) a polynucleotide comprising a nucleotide sequence encoding a protein comprising the amino acid sequence
set forth in any one of the following SEQ ID NOs:

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 NO:19019, SEQ ID NO:19021, and SEQ ID NO:19023

(c) a polynucleotide comprising a nucleotide sequence encoding a protein comprising an amino acid sequence
 selected from the amino acid sequences of (b), in which one or more amino acids are substituted, deleted,
 inserted, and/or added, wherein said protein is functionally equivalent to the protein comprising said amino
 acid sequence selected from the amino acid sequences of (b);

(d) a polynucleotide that hybridizes with a polynucleotide comprising a nucleotide sequence selected from the
 nucleotide sequences of (a), and that comprises a nucleotide sequence encoding a protein functionally equiv-
 alent to the protein encoded by the nucleotide sequence selected from the nucleotide sequences of (a);

(e) a polynucleotide comprising a nucleotide sequence encoding a partial amino acid sequence of a protein
 encoded by the polynucleotide of (a) to (d);

(f) a polynucleotide comprising a nucleotide sequence with at least 70% identity to the nucleotide sequence
 of (a).

9. A substantially pure protein encoded by the polynucleotide of claim 8.

10. An antibody against the protein or peptide of any one of claims 6, 7, and 9.

11. A vector comprising the polynucleotide of claim 5 or 8.
12. A transformant carrying the polynucleotide of claim 5 or 8, or the vector of claim 11.
- 5 13. A transformant expressively carrying the polynucleotide of claim 5 or 8, or the vector of claim 11.
14. A method for producing the protein or peptide of any one of claims 6, 7, and 9, comprising culturing the transformant of claim 13 and recovering the expression product.
- 10 15. An oligonucleotide comprising the nucleotide sequence of claim 8 (a) or the nucleotide sequence complementary to the complementary strand thereof, wherein said oligonucleotide comprises 15 nucleotides or more.
16. Use of the oligonucleotide of claim 15 as a primer for synthesizing a polynucleotide.
- 15 17. Use of the oligonucleotide of claim 15 as a probe for detecting a gene.
18. An antisense polynucleotide against the polynucleotide of claim 8, or the portion thereof.
19. A method for synthesizing a polynucleotide, the method comprising:
- 20 a) synthesizing a complementary strand using a cDNA library as a template, and using the primer set of claim 2 or 3, or the primer of claim 16; and
- b) recovering the synthesized product.
- 25 20. The method of claim 19, wherein the cDNA library is obtainable by oligo-capping method.
21. The method of claim 19, wherein the complementary strand is obtainable by PCR.
22. A method for detecting the polynucleotide of claim 8, the method comprising:
- 30 a) incubating a target polynucleotide with the oligonucleotide of claim 15 under the conditions where hybridization occurs, and
- b) detecting the hybridization of the target polynucleotide with the oligonucleotide of claim 15.
- 35 23. A database of polynucleotides and/or proteins, the database comprising information on at least one sequence selected from the nucleotide sequences of claim 8 (a) and/or the amino acid sequences of claim 8 (b), or a medium on which the database is stored.

Figure 1

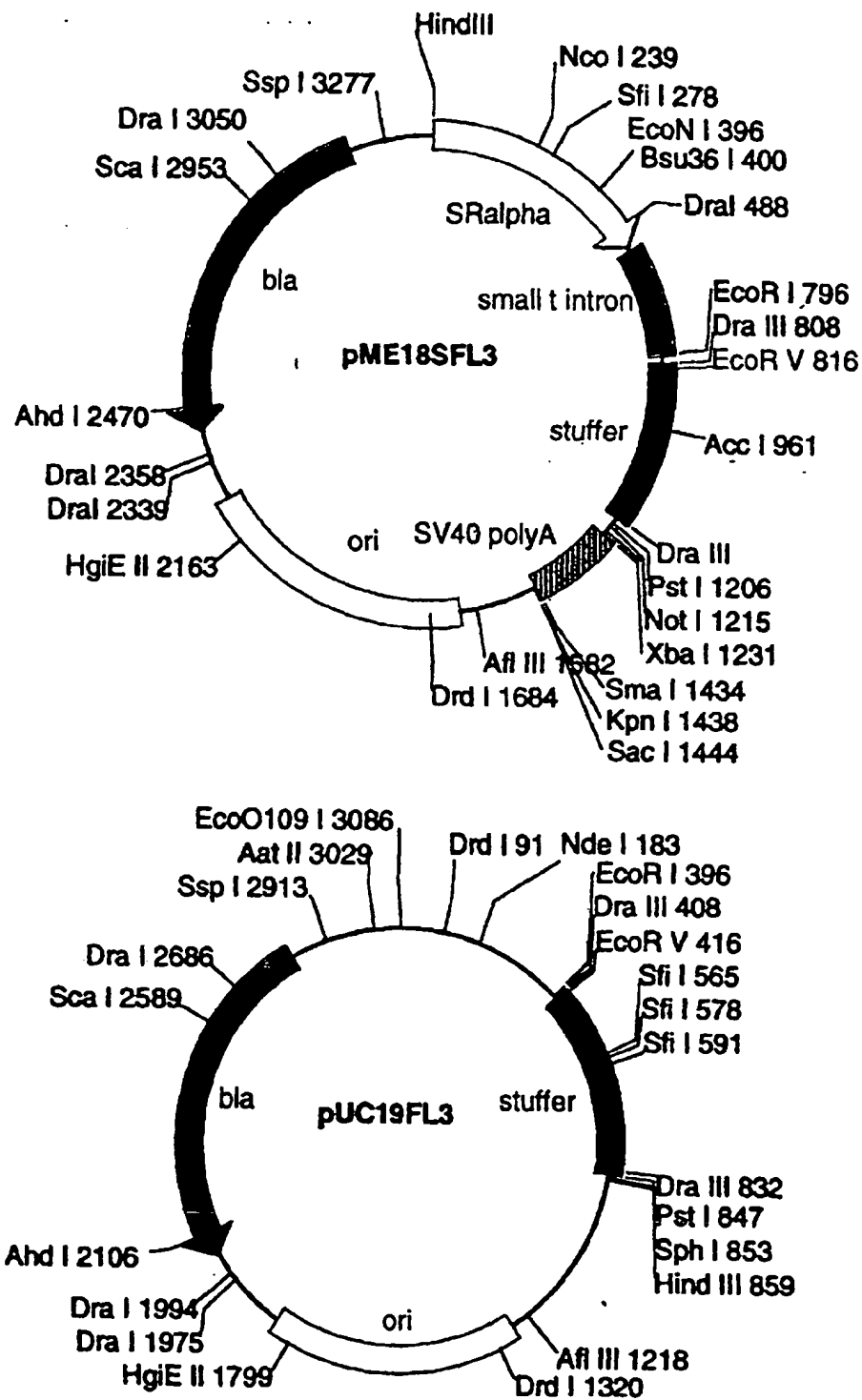


Figure 2

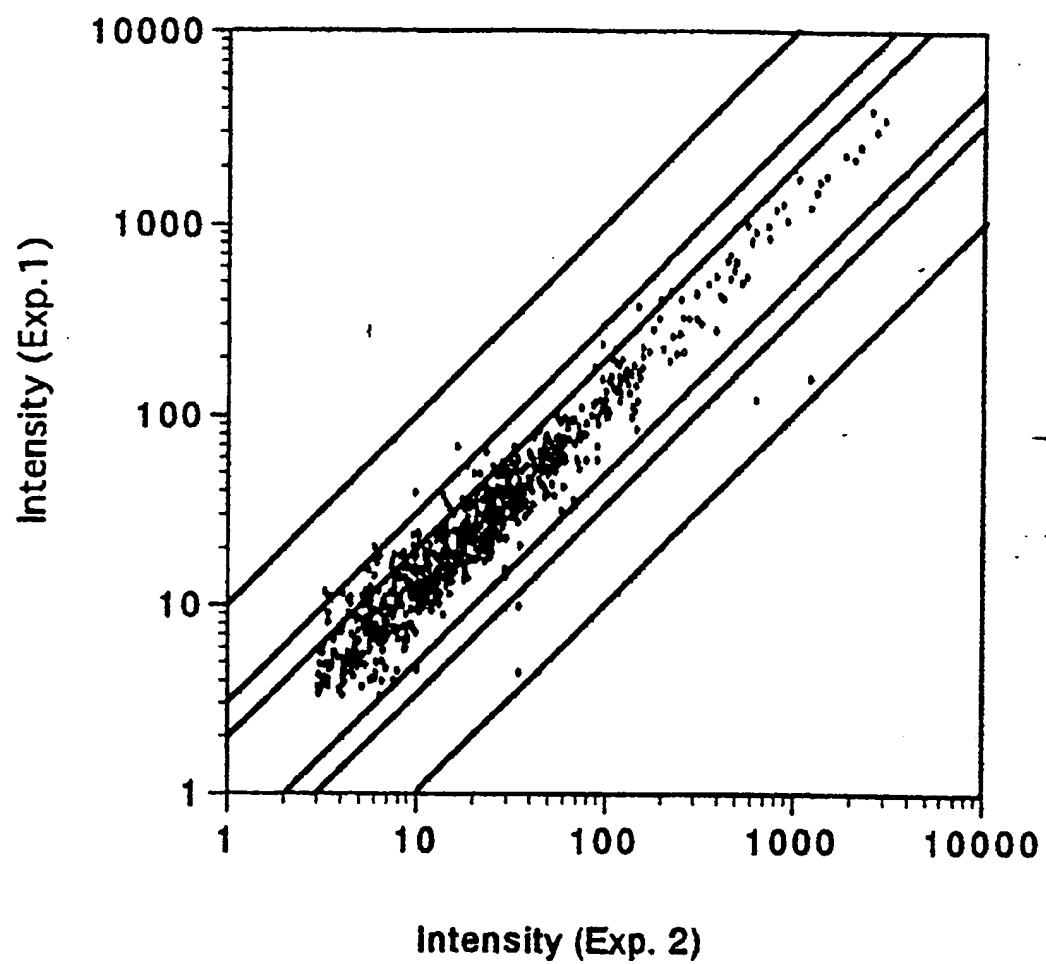


Figure 3

